

LOCATION GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1983 TO 1982

ASSESSMENT OF FINANCIAL CONTRIBUTION

REG. REF.:

CONT. REG.:

SERVICES INVOLVED: WATER/FOUL SEWER, SURFACE WATER

AREA OF SITE:

LOCAL AREA OF PRESENT PROPOSAL:

MEASURED BY:

CHECKED BY:

METHOD OF ASSESSMENT:

TOTAL ASSESSMENT

MANAGER'S ORDERED NO: F/ /  
DATED

ENTERED IN CONTRIBUTIONS REGISTER:

DEVELOPMENT CONTROL ASSISTANT GRADE

BYE LAW APPLICATION FEES

REF. NO.: 9/A/0847      CERTIFICATE NO.: 1539B  
 PROPOSAL: Petrol Filling Station including shop/Store Building  
 LOCATION: Tymon/Bullerby Dispersal Road, West of Soil Jose  
 APPLICANT: R. Martin

	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>105.50m<sup>2</sup></u>	@ £3.50 per M <sup>2</sup> or £70	<u>£ 371.00</u>	<u>£ 360.50</u>	<u>£ 10.50</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	<u>£ 200</u>	<u>£ 200</u>			
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: [Signature] Grade: D/TI Date: 30/5/91  
 Column 1 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_  
 Columns 2,3,4,5,6 & 7 Certified: Signed: [Signature] Grade: S.O Date: 29/5/91  
 Columns 2,3,4,5,6 & 7 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

LOCATION GOVERNMENT (PLANNING AND DEVELOPMENT) ACTS, 1953 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: PA /  
DATED

ENTERED IN CONTRIBUTIONS REGISTER:

DEVELOPMENT CONTROL ASSISTANT GRAB



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/0847

Date : 30th May 1991

Dear Sir/Madam,

Development : Alterations to the already approved canopy and shop/  
store building at the already approved petrol filling  
station

LOCATION : Site fronting south side of Tymon/Balrothery  
Distributor Road and west of Scoil Iosa at Tymon  
North, Tallaght

Applicant : R. Martin

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Date Recd : 24th May 1991

Your application in relation to the above was submitted with a fee of  
280.25 .

On examination of the plans submitted it would appear that the  
appropriate amount should be 285.50 .

I should be obliged if you would submit the balance of 5.25  
as soon as possible as a decision cannot be made on this application  
until the correct fee is received.

Yours faithfully,

A handwritten signature in dark ink, appearing to be 'W', followed by a dotted line.

PRINCIPAL OFFICER

Ryan O'Brien Handy Associates,  
6 Percy Place,  
Dublin 4.

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

INCORRECT FEE WITH BYE LAW APPLICATION

TELEPHONE: 724755  
EXTENSION: 231/234  
FAX.: 724896

PLANNING DEPARTMENT,  
IRISH LIFE CENTRE,  
LOWER ABBEY STREET,  
DUBLIN 1.

Ryan O'Brien Handy Associates,  
6 Percy Place,  
Dublin 4.

31/5/91

REG. REF.: 91A/0847

RE: New Petrol Filling Station including shop/store building at Tymon/Balrothery  
Distributor Road, West of Scoil Issa for R. Martin.

Dear Sir/Madam,


I refer to your application for Bye Law approval in respect of the above proposal. I wish to inform you that the Planning Authority will not commence to consider the application until the appropriate fee is paid. If no fee or a fee less than the appropriate fee has been received by the County Council on the expiration of two months, commencing on the day the application is received, the application will be regarded as having been withdrawn.

The correct fee for the above mentioned application is £ 185.50.

Please quote the Register Reference No. stated above when submitting the fee.

AMOUNT LODGED = £180.25  
AMOUNT DUE = £ 5.25

Yours faithfully,

  
\_\_\_\_\_  
for PRINCIPAL OFFICER

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

INCORRECT FEE WITH BYE LAW APPLICATION

TELEPHONE: 724755  
EXTENSION: 231/234  
FAX.: 724896

PLANNING DEPARTMENT,  
IRISH LIFE CENTRE,  
LOWER ABBEY STREET,  
DUBLIN 1.

Ryan O'Brien Handy Associates,

6 Percy Place,

Dublin 4.

31/5/91

REG. REF.: 91A/0947

RE: New Petrol Filling Station including shop/store building at Tymon/Balrothery  
Distributor Road, West of Scoil Iosa for R. Martin.

Dear Sir/Madam,

I refer to your application for Bye Law approval in respect of the above proposal. I wish to inform you that the Planning Authority will not commence to consider the application until the appropriate fee is paid. If no fee or a fee less than the appropriate fee has been received by the County Council on the expiration of two months, commencing on the day the application is received, the application will be regarded as having been withdrawn.

The correct fee for the above mentioned application is £ 185.50 .  
Please quote the Register Reference No. stated above when submitting the fee.

AMOUNT LODGED = £180.25  
AMOUNT DUE = £ 5.25

Yours faithfully,

  
for PRINCIPAL OFFICER

QIA/0847

CERTIFICATE NO: 25439

PROPOSAL: New Petrol Filling Station including Shop/Store Building  
 LOCATION: Tymon/Bee Railway Distributor Road, West of Coil Jose  
 APPLICANT: R. Marlin

1	2	3	4	5	6	7
Dwellings/AREA LENGTH/STRUCT	RATE	AMT. OF FEE REC.	AMOUNT LOGGED	BALANCE DUE	BALANCE DUE	DATE/ RECEIPT NO
Dwellings	£252					
	£216					
	£500 per M <sup>2</sup> in excess of 300M <sup>2</sup> MIN. £40					
105.50m <sup>2</sup>	£21.75 per M <sup>2</sup> of £40	£185.50	£180.25	£5.25		
x .1 hect.	£225 per hect.					
x .1 hect.	£225 per hect.					
x .1 hect.	£225 per hect.					
	£2700	£100	£100			
x metres <sup>2</sup>	£200 per M <sup>2</sup> of £40					
10,000m <sup>2</sup>	£200 per 1,000m <sup>2</sup> of £40					
x .1 hect.	£25 per hect. of £40					

5.25 11/6/91  
 N41185

Item 1 Certified: Signed: *J. Young* Grade: D/TI Date: 30/5/91  
 Item 1 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_  
 Items 2,3,4,5,6 & 7 Certified Signed: *R. Marlin* Grade: S.O Date: 29/5/91  
 Items 2,3,4,5,6 & 7 Endorsed: Signed: \_\_\_\_\_ Grade: \_\_\_\_\_ Date: \_\_\_\_\_

1) Date Lodged  
24/5/91

LOCATION: Tynon/Belvedere Distributor Rd, West of Seail Fossa  
APPLICANT: R. Martin  
PROPOSAL: Petrol Filling Station incl. shop/store building

REG. REF. 919/847

(2) Date referred:  
2/10/91

SOUL SEWER

Insufficient Information

① Engineering Services has no record of the sewer system to which it is proposed to connect. Applicant is requested to submit details of same & if not a Public Sewer, written permission to connect to same must be obtained from the owner & submitted.

② The proposal regarding connections to the foul drain is not acceptable. Applicant must submit an acceptable proposal for the drainage of the 3 percent areas etc.

③ Applicant has not identified the nature of the various elements of the proposal which connect to the C.S. system.

SURFACE WATER

Insufficient Information

① The surface water system to which it is proposed to discharge is a Roads drain — applicant must submit written permission from the Roads Dept. to make such a connection.

② See ② & ③ under "Foul Sewer"

DUBLIN COUNTY COUNCIL  
(5) Rec'd San. Ser.  
4 OCT 1991

Dispatched by  
SANITARY SERVICES  
29 OCT 1991

Returned GG  
(5) Date to Planning

(6) Date to Planner

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

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

(9) Decision due:

PLANNING DEPT.  
DEVELOPMENT CONTROL SECT.  
Date... 30.10.91  
Time... 1.00

Rice  
22/10/1991

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



Register Reference : 91A/847

Date : 2/10/91

Development : Petrol Filling Station incl. shop/store building

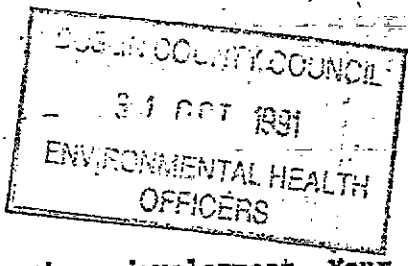
LOCATION : Tymon/Balbottery Distributor Rd, West of Scarl  
tosc.

Applicant : R. Martin

App. Type :

Planning officer :

Date Recd. : 24/5/91



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

See previous report 29/7/91

PLANNING DEPT.	
DEVELOPMENT CONTROL SECT	
Date .....	12.11.91
Time .....	12.25

Yours faithfully,

PRINCIPAL OFFICER

I HAVE NO OBJECTION TO THIS PLAN PROVIDED THAT

1. Mechanically aided ~~at~~ INTAKE ventilation be provided to the lobby of the sanitary accommodation to give 2 air changes per hour.
2. The stores and all parts of the premises to be adequately ventilated.
3. Drinking water to be supplied directly from the rising main.
4. Compliance with THE FOOD HYGIENE REGULATIONS 1950/89.
5. Compliance with THE SHOPS CONDITIONS OF EMPLOYMENT ACT 1938.

for  
 Ota Devine  
 John O Reilly  
 SUPER-ENVIRON. HEALTH OFFICER,  
 33 GARDINER PLACE,  
 DUBLIN 1.

Peter Whelan

11/10/91

7/11/91

Register Reference : 91A/347

Date : 2/10/91

ENDORSED \_\_\_\_\_ DATE \_\_\_\_\_  
*Refer to CPO.*

WATER SUPPLY... *No details of water supply submitted*  
*No details of Hydrant layout submitted*  
*Applicant to submit these details.*

*R.J. Spain*  
*16/10/91*  
*W.S. Miller*  
*18/10/91*

ENDORSED *[Signature]* DATE *24/10/91*

PLANNING DEPT.  
DEVELOPMENT CONTROL SECT  
Date ..... *30.10.91* .....  
Time ..... *1.00* .....

DUBLIN COUNTY COUNCIL

B.M. cv

PLANNING AND BUILDING CONTROL DEPARTMENT

Senior Environmental Health Officer,  
33 Gardiner Place.

Register Reference : 91A/0847

Date : 27th May 1991

Development : Alterations to the already approved canopy and shop/  
store building at the already approved petrol filling  
station

LOCATION : Site fronting south side of Tymon/Balrothery  
Distributor Road and west of Scoil Iosa at Tymon  
North, Tallaght

Applicant : R. Martin

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Planning Officer :

Date Recd. : 24th May 1991

PLANNING DEPT.
DEVELOPMENT CONTROL SECTION
Date 8/8/91
Time 4.15

Attached is a copy of the application for the above development .Please  
ensure that your report is received within 5 weeks from 24th May 1991.

Yours faithfully,

.....  
PRINCIPAL OFFICER

Re attached.

I have no objection to this plan provided that

1. mechanically aided extract ventilation be provided to the lobby of the sanitary accommodation to give 2 air changes per hour and all parts of the premises.
2. All store rooms are adequately ventilated
3. Drinking water is supplied directly from the Rising Main.
4. Compliance with the Foot Hygiene Regulations 1950/89.
5. Compliance with the Shops Certificate of Employment Act 1938/91.

DUBLIN COUNTY COUNCIL
7 JUN 1991
ENVIRONMENTAL HEALTH OFFICERS

John Healy 30/7/91 R. Nallon 28/7/91

DUBLIN COUNTY COUNCIL

PLANNING AND BUILDING CONTROL DEPARTMENT

Senior Environmental Health Officer,  
33 Gardiner Place.

Register Reference : 91A/0847

Date : 27th May 1991

Development : Alterations to the already approved canopy and shop/  
store building at the already approved petrol filling  
station

*m*

LOCATION : Site fronting south side of Tymon/Balrothery  
Distributor Road and west of Scoil Iosa at Tymon  
North, Tallaght

Applicant : R. Martin

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Planning Officer :

Date Recd. : 24th May 1991

PLANNING DEPT.  
DEVELOPMENT CONTROL SECT  
Date ..... 8/8/91 .....  
Time ..... 4-10 .....

Attached is a copy of the application for the above development .Please  
ensure that your report is received within 5 weeks from 24th May 1991.

Yours faithfully,

.....  
PRINCIPAL OFFICER

*Re attached*

*I have no objection to this plan provided that*

*mechanically aided extract ventilation be provided  
1. to the lobby of the sanitary accommodation to give 2 air  
changes per hr.  
and all parts of the premises.*

*2. All stores are adequately  
ventilated*

*3. Drinking water is supplied directly  
from the rising main.*

DUBLIN COUNTY COUNCIL  
7 JUN 1991  
ENVIRONMENTAL HEALTH  
OFFICERS

*4. Compliance with the Food Hygiene Regulations 1950/89.*

*5. Compliance with the Shops Act of 1938/7/91  
John Healy 31/7/89 H. Moller 29/7/91*

DUBLIN COUNTY COUNCIL

REG. REF: 91A/0847.

DEVELOPMENT: Alts. to the already approved canopy and shop/store at petrol filling station.

LOCATION: Tymon/Balrothery Distributor Road.

APPLICANT: R. Martin.

DATE LODGED: 24.5.91.

This application is for full permission for alterations to the already approved canopy and shop/store building at the already approved petrol filling station at Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

The proposal is for minor alterations with no change to the original access design. No Roads objection subject to the Conditions of the original Report.

- 1) Southeast boundary of screen wall to be relocated on a curve. Details to be agreed with Roads. This is in order to provide better access to the car park extension in the funeral home site.
- 2) Intensity, number and location of light fittings along frontage with public road to be agreed with Roads.
- 3) A Roads contribution of £2,733 towards improvement of road network in the area.

MA/BMcC  
25.6.91.

<b>PLANNING DEPT.</b>	
<b>DEVELOPMENT CONTROL SECT</b>	
Date .....	27.06.91
Time .....	10.30

SIGNED: Michael Arthur

DATE: 26.6.91

ENDORSED: E. Madden

DATE: 26<sup>th</sup> June 91

# COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/3335/91

CONTRIBUTION:
Standard: 1980
Roads: 2733
S Sers:
Open Space:
Other:
SECURITY:
Bond/C.I.F.:
Cash:

## Record of Executive Business and Manager's Orders

*alterations to*

Permission for already approved canopy and shop/store building at the already approved petrol filling station, at site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

Ryan O'Brien Handy Assocs.,  
6 Percy Place,  
Dublin 4.

Reg. Ref.	91A/0847
App. Recd:	24.05.1991
Floor Area:	103 sq. m.
Site Area:	1,350 sq. m.
Zoning:	

Report of the Dublin Planning Officer, dated 17 July 1991

This is an application for PERMISSION for *alterations to* already approved canopy and shop/store at the already approved petrol filling station, at the site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

The area in which the site is located is zoned with the objective "to provide for new residential communities" in accordance with approved Action Area Plans (A1). The use proposed is acceptable in such a zoning.

The history of the site is as follows:-

- 90A-625 - Permission granted for the Petrol Filling Station (Not yet built).
- 90A/622 - Permission for housing on adjacent site.
- 90A/623 - Permission for Funeral Home on adjacent site.

The main changes in the current proposal are with regard to elevational treatment of the shop area and canopy. The floor area has been rearranged and very slightly enlarged. The previous proposal was for a rendered finish with lined courses, and plastic coated metal decking on the roof.

The current proposal is for a structure of *solid* appearance, using a forticrete split fluted block, which the architect informs me will be white. The new 'set' canopy will be in light grey polyester powder coated aluminium, with white illuminated lettering.

The Roads Department have no objection to the proposal, subject to 3 conditions.

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

# COMHAIRLE CHONTAE ÁTHA CLIATH

Order No. P/5555/91

## Record of Executive Business and Manager's Orders

*alterations to*

Permission for already approved canopy and shop/store building at the already approved petrol filling station, at site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

### 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. That the south east boundary of screen wall to be relocated on a curve, and details of this change to be agreed with County Council Roads Department. This is in order to provide better access to the car park extension in the adjoining funeral house site.

4. Intensity, number and location of light fittings along frontage with public road to be agreed with Roads Dept of Dublin Co. Council.

~~5. A Roads Contribution of €2,733. shall be paid towards the improvement of the road network in the area.~~

*5.8.* That planting strips shall be suitably stocked and maintained at all times.

*6.7.* That all other conditions of the permission granted by Order No. P/4768/90 (Reg. Ref. 90A/625) shall be

*Complied with apply. save as may be required*

*by other conditions attached to this permission.*

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

~~5. In the interest of the proper planning and development of the area.~~

*5.8.* In the interest of the proper planning and development of the area.

*6.7.* In the interest of the proper planning and development of the area.

CONDITIONS CONTINUED OVERLEAF

# COMHAIRLE CHONTAE ÁTHA CLIATH

## Record of Executive Business and Manager's Orders

Permission for <sup>alterations to</sup> already approved canopy and shop/store building at the already approved petrol filling station, at site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

### CONDITIONS

7. That a financial contribution in the sum of £1,980. be paid by the proposer to the Dublin County Council towards the cost of provision of public services in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

8. That a financial contribution in the sum of £2,733. be paid by the proposer to the Dublin County Council towards the cost of road improvements in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

### REASONS

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

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

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

Order No. 1/3333/91

Record of Executive Business and Manager's Orders

Permission for already approved canopy and shop/store building at the already approved petrol filling station, at site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

(GB/BB)

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 ( 8 ) conditions set out above is hereby made.

Dated: 24 July, 1991.

K. O'Sullivan  
ASSISTANT CITY & COUNTY MANAGER

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

Gerahie B.

DUBLIN COUNTY COUNCIL

REG. REF: 91A/0847.  
DEVELOPMENT: Alts. to the already approved canopy and shop/store at petrol filling station.  
LOCATION: Tymon/Balrothery Distributor Road.  
APPLICANT: R. Martin.  
DATE LODGED: 24.5.91.

This application is for full permission for alterations to the already approved canopy and shop/store building at the already approved petrol filling station at Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

The proposal is for minor alterations with no change to the original access design. No Roads objection subject to the Conditions of the original Report.

- 1) Southeast boundary of screen wall to be relocated on a curve. Details to be agreed with Roads. This is in order to provide better access to the car park extension in the funeral home site.
- 2) Intensity, number and location of light fittings along frontage with public road to be agreed with Roads.
- 3) A Roads contribution of £2,733 towards improvement of road network in the area.

MA/BMcC  
25.6.91.

PLANNING DEPT.	
DEVELOPMENT CONTROL SECT	
Date ..	02.07.91
Time ..	4.20

SIGNED: Michael Arthur

DATE: 26-6-91

ENDORSED: E. J. Adder

DATE: 26<sup>th</sup> June 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

Mr. J. Carson,  
Liffey House,  
Dublin 2.

Our Ref.

Your Ref.

Date 15.10.91

Re: Development at Tymon Worth, Tullaught  
Reg. Ref. No. : 91A/847

I refer to the submission for Building Bye-Law Approval received in this Department on 8.10.91.

The submission is in compliance with conditions of Building Bye-Law Approval issued. Please confirm that the submission is strictly compliance as requested and not a new application and accordingly that a Bye-Law fee is not required. Documents enclosed.

*for* Maeve Deane  
STAFF OFFICER,  
REGISTRY SECTION

91A/847

1.3.0

BBL Cont

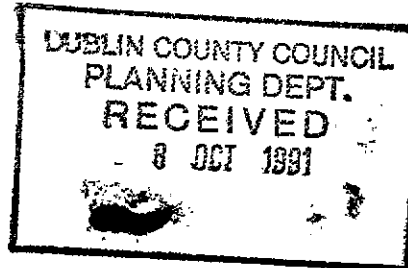
**ROBH**  
ARCHITECTS & DESIGNERS

ND/AMcA/3225

4th October 1991

Attention: Mr John Carney.

Building Control Section  
Planning Department  
Block 2  
Irish Life Centre  
Lower Abbey Street  
Dublin 1.



**Ryan  
O'Brien  
Handy  
Associates**

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089

**PETROL FILLING STATION AT TYMON/BALROTHERY,  
DISTRIBUTOR RD, TYMON WORTH, TALLAGHT, DUBLIN 24.  
REG.NO: 91A/847, B.B.L./2591/91.**

Dear Sir

We enclose three copies of our revised drawing no: 3225/04,  
showing the alterations to the drainage layout as requested.

We have also indicated the watermain layout, as agreed with  
Dublin County Council.

Yours faithfully

NOEL DOYLE

encls.

cc: Mr L. Spain  
Mr M. Fleming

111 Wellington Street  
Luton LU1 5AF

*Partners*  
Denis Handy  
DIP ARCH MRIAI MSDI  
John McCarthy  
DIP ARCH MRIAI MSDI

*Associates*  
Denis Whelan  
RIA (TECH)

Kenneth McEwan  
BSC (HONS)  
Noel Doyle

BOOK \_\_\_\_\_:

FOLIO \_\_\_\_\_:

BBL No. \_\_\_\_\_

REG. No. 90B/870:

I/WE hereby give you notice that the damp-proof course to the walls of new EXTENSION AND

PORCH at 15 Towduff Close Greenpark Dub 12.

is complete, and awaits inspection

**BUILDING CONTROL**  
 11 NOV 1991  
**RECEIVED**

Signed: John McManus

Address: 15 Towduff Close  
Greenpark, Dublin 12.

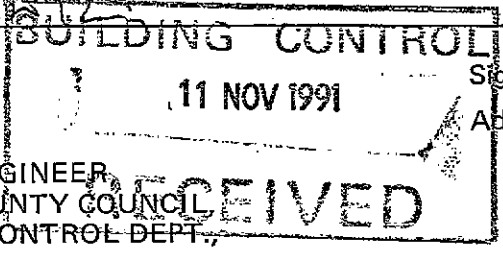
Tel. No.: (513662) (088-574625)

COUNTY ENGINEER,  
DUBLIN COUNTY COUNCIL,  
BUILDING CONTROL DEPT,  
BLOCK 2,  
IRISH LIFE CENTRE,  
LR. ABBEY STREET,  
DUBLIN 2.

*Ryan*

I/WE hereby give you notice that the drains in connection with new EXTENSION AND  
PATCH at 15 Towduff Close GREENPARK.

DUBLIN 12 are now complete, and await inspection



Signed: [Signature]

Address: 15 Towduff Close  
GREENPARK DUBLIN 12.

Tel. No.: (513662) (088-574625)

COUNTY ENGINEER,  
DUBLIN COUNTY COUNCIL,  
BUILDING CONTROL DEPT.,  
BLOCK 2,  
IRISH LIFE CENTRE,  
LR. ABBEY STREET,  
DUBLIN 2.

*S Ryan*

# DUBLIN COUNTY COUNCIL

Personal Callers/  
Enquiries to:  
Liffey House  
24/28 Tara Street  
Dublin 2  
Telephone 773066

BUILDING BYE LAWS

## APPROVAL NOTICE

Address for  
Correspondence:  
Building Control Section  
Planning Dept.  
Block 2  
Irish Life Centre  
Lower Abbey Street  
Dublin 1

Application received: 24/5/1991, 20/6/1991 & 27/6/1991  
Applicant: R. Martin  
Submitted by: Ryan O'Brien Handy Assocs., 6 Percy Place, Dublin 4.  
Reg. No.: 91A/847  
Order No.: BBL/2591/91  
Proposal: Petrol Filling Station incl. storey/shop building  
Location: Tymon Balrothery Distributor Road, West of Scoil Iosa.

Notice is hereby given that the Council has approved the plans submitted by you for the work described above subject to the following conditions:

- (1) That the applicant submits the statutory notice of commencement and completion of work in accordance with Bye Law no's 114 and 117. Premises should not be occupied until the requirements of these Bye Laws have been fulfilled.
- (2) The applicant must comply with the requirements of the Chief Fire Officer where applicable.

*Note A* The Chief Fire Officer's requirements include the provisions of Parts, N, P, Q and R of the Proposed Building Regulations issued by the Department of the Environment.

*Note B* The Applicant is advised to comply with the provisions of the Proposed Building Regulations issued by the Department of the Environment.

- (3) That all work be in accordance with Dublin County Council's Building Bye Laws.
- (4) That w.c. cubicles and kitchen be provided with windows in accordance with the Building Bye Laws.
- (5) That foul sewer line F.C. to F.B. be increased to 225mm diameter.
- (6) That steel beam be upsized to span unrestrained.
- (7) That adequate cill D.P.C. and lintol D.P.C. tray be provided.

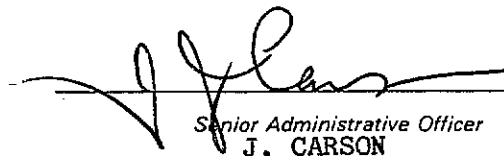
**NOTE:** In relation to the boundary walls the applicant's attention is drawn to the requirements of I.S.325 Code of Practice for the Structural Use of Unreinforced Masonry, produced by The National Standards Authority of Ireland.

- (8) That prior to commencement of construction, the applicant submits the following:
  - (a) Watermain layout (Consult with Mr. P. Harty, Dublin Co. Council Ph. 570784)
  - (b) Revised drainage layout showing petrol and mud interceptors connected to surface water drains and revised surface water outfall to local 525mm pipe.

- Important**
- (1) It is illegal to proceed with the approved work until permission or exemption under the Local Government (Planning & Development) Acts has been obtained.
  - (2) At least two clear days notice in writing must be given to the Building Control Section,
    - (a) of the date on which execution of the work will be commenced.
    - (b) before proceeding with the covering up of any drain or the filling in any foundation.
  - (3) Any liability or consequential loss arising from the omission or misrepresentation of existing services, which affect the site, on the lodged plans is the responsibility of the applicant.

Date:

5 SEP 1991

  
Senior Administrative Officer  
J. CARSON

**N.B.** Inspection forms are attached for completion and return to Senior Engineer, Dublin County Council, Building Control Section, Block 2, Irish Life Centre, Lr. Abbey Street, Dublin 1, when the work reaches the stage set out in the relevant forms, not less than 2 clear days before the inspection is to be made. Where

2591

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

REG. NO.: 91A/847 DATE: 2/9/91  
 APPLICATION LODGED: 24/5/91, 20/6/91 & 27/6/91  
 PROPOSAL: Petrol Filling Station incl store/shop Building  
 LOCATION: Gymon Balrothery Distributor Road, West of Seel Lane  
 APPLICANT: R. Martin

Notice of approval under the Building Bye-Laws may be issued provided work is carried out to comply with the following conditions:

- 1/2/3 That the works be in accordance with DCC BBL's.
- 4 That WC cubicles & kitchen be provided with windows in accordance with the BBL's.
- 5 That foul sewer line FC to FB be ~~not~~ increased to 225 mm diameter.
- 6 That steel beam be upsized to span unrestrained.
- 7 That adequate sill <sup>DPC</sup> not lintel DPC tray be provided.
- 8 ~~That plans to commence work of construction full details & Chartered Engineer Cert be submitted in respect of the works.~~

Note: Boundary walls are not covered by the DCC BBL's. However, applicant is advised to comply with 15325 in relation to same.

PTO



# 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/

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

To Ryan O'Brien Handy Associates, Decision Order P/3335/91 - 22.07.1991  
6, Percy Place, Number and Date  
Dublin 4. Register Reference No. 91A-0847  
 Planning Control No. 24.05.1991  
 Application Received on  
 Applicant R. Martin. Floor Area: 103 sq. m.

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 ~~( )~~ for:-

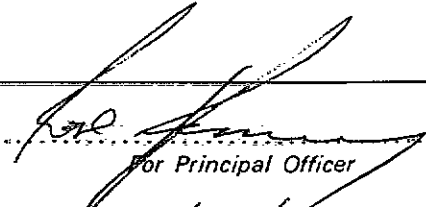
alterations to already approved canopy and shop/store building at the already approved petrol filling station, at site fronting south side of Tymon/Balrothery Distributor Road and west of Scoil Iosa at Tymon North, Tallaght.

SUBJECT TO THE FOLLOWING CONDITIONS

CONDITIONS	REASONS FOR CONDITIONS
<p>1. The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application, save as may be required by the other conditions attached hereto.</p> <p>2. That before development commences, approval under the Building Bye-Laws be obtained, and all conditions of that approval be observed in the development.</p> <p>3. That the south east boundary of screen wall to be relocated on a curve and details of this change to be agreed in writing with County Council Roads Department. This is in order to provide better access to the car park extension in the adjoining funeral house site.</p> <p>4. Intensity, number and location of light fittings along frontage with public road to be agreed in writing with Roads Department of Dublin County Council.</p>	<p>1. To ensure that the development shall be in accordance with the permission and that effective control be maintained.</p> <p>2. In order to comply with the Sanitary Services Acts, 1878-1964.</p> <p>3. In the interest of the proper planning and development of the area.</p> <p>4. In the interest of the proper planning and development of the area.</p>

(Continued)

Signed on behalf of the Dublin County Council

  
Principal Officer

Date 22/7/91

IMPORTANT: Turn overleaf for further information

(Continued)

CONDITIONS

REASONS FOR CONDITIONS

5. That planting strips shall be suitably stocked and maintained at all times.

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

6. That all other conditions of the permission granted by Order No. P/4768/90 (Reg. Ref. 90A/625) shall be complied with save as may be required by other conditions attached to this permission.

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

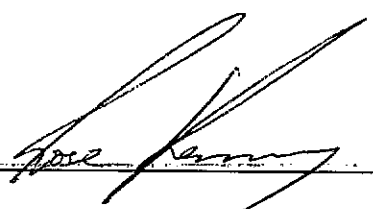
7. That a financial contribution in the sum of £1,980 be paid by the proposer to the Dublin County Council towards the cost of provision of public services in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

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

8. That a financial contribution in the sum of £2,733 be paid by the proposer to the Dublin County Council towards the cost of road improvements in the area of the proposed development and which facilitate this development; this contribution to be paid before the commencement of development on the site.

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

**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.



**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.

**Ryan  
O'Brien  
Handy  
Associates**

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089

ND/MR/3225

26th June 1991

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

**ALTERATIONS TO ALREADY APPROVED CANOPY AND  
BUILDING AT TYMON/BALROTHERY DISTRIBUTOR ROAD,  
TYMON NORTH, TALLAGHT, DUBLIN 24.  
REGISTER REFERENCE NO. 91A/0847**

Dear Sir,

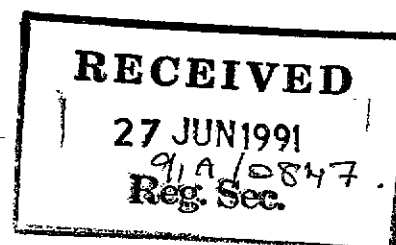
I enclose copies of the structural calculations for the proposed building and canopy in relation to the above development.

If you have any questions relating to these calculations please contact this office.

Yours faithfully,

*Noel Doyle*

NOEL DOYLE



111 Wellington Street  
Luton LU1 5AF

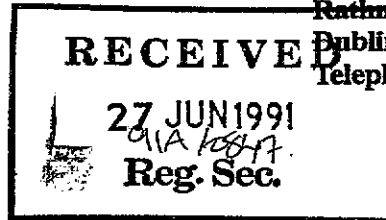
Partners  
Denis Handy  
DIP ARCH MR/IAI MSDI  
John McCarthy  
DIP ARCH MR/IAI MSDI  
Associates  
Denis Whelan  
RIAI (TECH)  
Kenneth McEwan  
BSC (HONS)  
Noel Doyle

ARTHUR W. WEST & ASSOCIATES

CONSULTING ENGINEERS

Arthur W. West, B.A.I., C. Eng., M.I.E.I.  
Roger P. West, B.A.I., M.Sc., D.I.C., C.Eng., M.I.E.I.

25 Cambridge Road,  
Rathmines,  
Dublin 6.  
Telephone: 977197.



Our Ref: 858

Your Ref:

Date: 24.6.91

JET PETROL FILLING STATION  
TYMON/BALROTHERY ROAD, TALLAGHT.  
ARCHITECTS: Ryan & Brien Handy.  
Refer to our Dig No. 858/3995.

Roof Loadings:	chippings	10 lbs/ft <sup>2</sup>
	joists etc	10
	ceiling	5
	services	5
	Superimposed	<u>30</u>
		60 lbs/ft <sup>2</sup>

Span of joists 13 ft.

$$M = \frac{1}{8} \times 60 \times 13^2 + 12 = 15,200 \text{ in lbs.}$$

$$\text{Using } 8'' \times 2'' \text{ @ } 12'' \text{ c/s } M_oR = \frac{1}{6} \times 2 \times 8^2 + 750 = 16,000 \text{ in lbs.}$$

SPAN of Roof Beam 20 ft.

$$\text{Load/ft} = 13 \times 60 = 780 \text{ lbs.}$$

$$M = \frac{1}{8} \times \frac{780}{2240} \times 20^2 + 12 = 209 \quad Z = \frac{209}{10.5} = 19.9$$

USE 10'' x 5 3/4'' x 21 U.B.

$$\text{Pier Reaction} = 780 \times 10 = 7800 \text{ lbs.}$$

Provide 750 x 215 x 200 deep concrete pad on pier + wall

$$\text{Average compressive stress} = \frac{7800}{30 \times 8} = 32 \text{ lbs/ft}^2 \text{ (2T/ft}^2) \text{ Satisfactory}$$

FOUNDATIONS TO 750 x 415 Rising Pier

$$\text{Roof Load} = 7800 \text{ lbs}$$

$$\text{Dead wt Pier } 12' \times 2.5' \times 1 \times 150 = 4500$$

$$\text{Load from Lintel over ope} = 12 \times 600 = \underline{7200}$$

$$19,500 \text{ lbs.}$$

Pier load spread into foundations over length

$$2.5 + 2 \times 2.0 = 6.5 \text{ ft}$$

Using 1.1 x 300 deep Foundations reinforced with

H.T. Mesh 6 @ 100; 7 @ 200

$$\text{Average ground Pressure} = \frac{19,500}{6.5 \times 3.6} = 833 \text{ lbs/ft}^2$$

Subject to site confirmation = .37 T/d' satisfactory.

LINTOL over Window &amp; Door ope at Front 20' x 20'

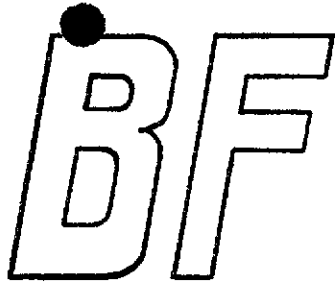
$$\text{Dead wt of conc} = 20 \times 20 \times 1 = 400 \text{ lbs/ft}$$

$$\text{Parapet} = 2' \times \frac{8}{12} \times 144 = \frac{200}{600 \text{ lbs/ft}}$$

$$M = \frac{1}{10} \times 600 \times 11^2 \times 12 = 87,120 \text{ in lbs}$$

$$A_s = \frac{87,120}{30,000 \times 8 \times 18} = 0.2 \text{ sq. ins. Use 3 No. 12 mm bars top & bottom.}$$

Stirrups - nominal 10mm @ 300 cts.



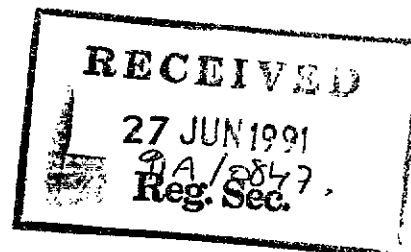
BERNARD FINNEGAN LTD.

CONSULTING ENGINEERS

5 MILLBROOK CLOSE,  
SALLYBROOK, GLANMIRE, CO. CORK.

Telephone 021-822336. Fax No. 021-821776

CALCULATIONS  
FOR  
CANOPY  
FOR  
RONY MARTIN,  
TYMON-BALROTHERY ROAD,  
DISTRIBUTOR ROAD,  
TALLAGHT,  
DUBLIN 24



S.F.L. Engineering Ltd.,  
Callan,  
Co. Kilkenny,  
Ireland.

23 May 1991.

NOTES ON CALCULATIONS.

2

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1.0 LOADING

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- 1.1 LIVE LOAD complies with B.S. Code of Practice CP. 3, Chapter V, Loading: Part 1 (1967) : Dead and Imposed Loads (Metric Units) .
- 1.2 WIND LOAD is calculated in accordance with B.S. Code of Practice CP. 3, Chapter V, Part 2, 1972, and B.R.E. Digest No. 284, Wind Loads on Canopy Roofs. Ground Roughness Category 3 has been assumed.

2.0 STEELWORK

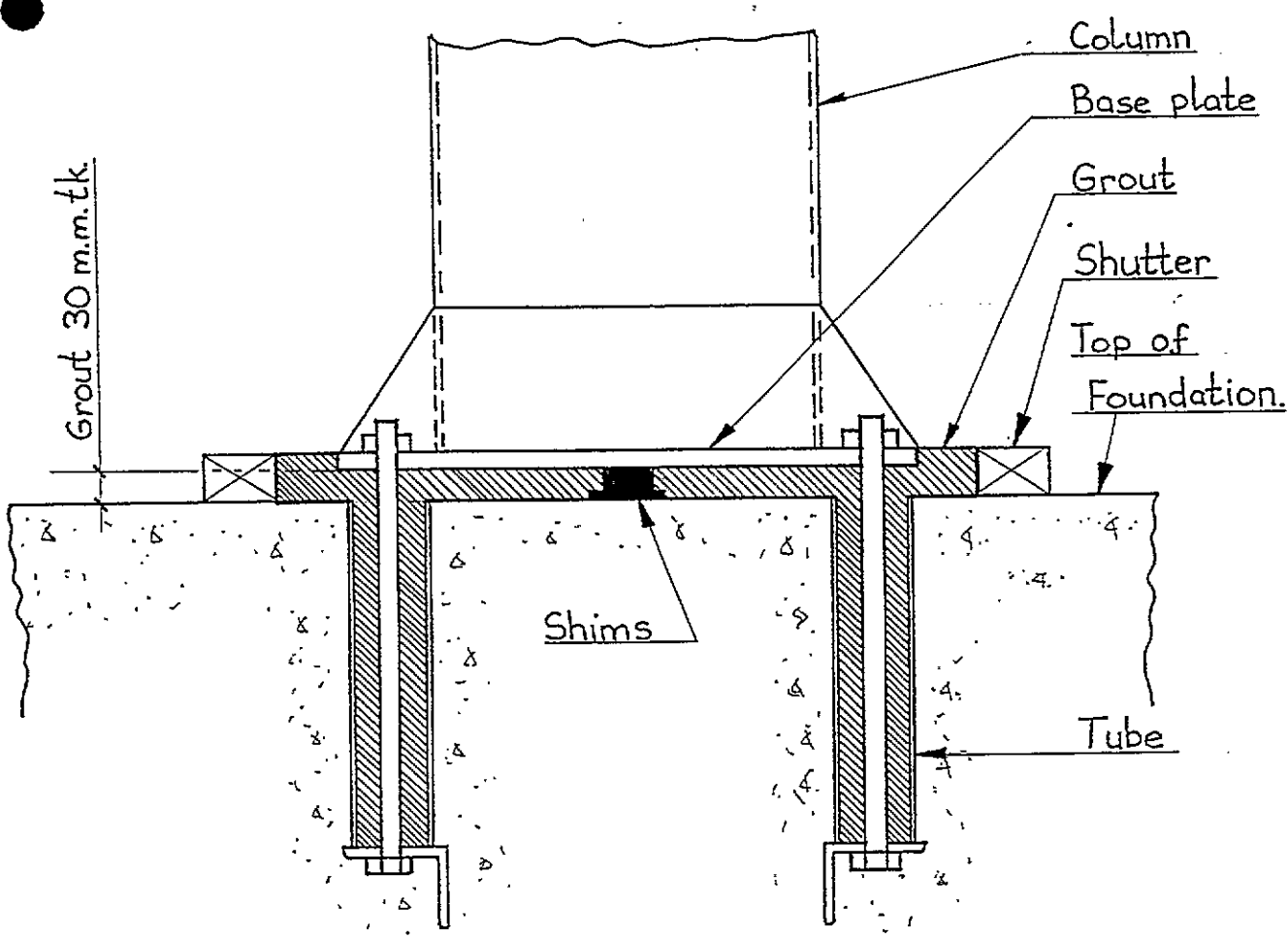
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- 2.1 STEEL BEAMS and COLUMNS are designed in accordance with B.S. 449, Part 2, 1969, and B.S.5950, Part 5, 1987.
- 2.2 STEEL GRADE is Grade 43 A.
- 2.3 LIVE LOAD DEFLECTION of beams is limited to span/360. LIVE LOAD DEFLECTION of cantilevers is limited to span/180. LIVE LOAD DEFLECTION of edge of TWO POST CANOPIES is limited to Total Width/240.
- 2.4 DEAD LOAD DEFLECTION to be countered by cambering and / or shimming.
- 2.5 TORSIONAL RESTRAINT to be provided to beams at all connections.
- 2.6 FLANGES OF FASCIA BEAMS to be adequately restrained against twisting and buckling.
- 2.7 JOINTS to be detailed to adequately transfer all forces which occur.

3.0 FOUNDATIONS

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- 3.1 FOUNDATIONS are designed to B.S.8110, The Structural Use of Concrete, 1985.
- 3.2 CONCRETE grade is C 30.
- 3.3 REINFORCEMENT has Characteristic Strength of 460 N/m.m.<sup>2</sup>
- 3.4 COVER to reinforcement is 50 m.m.
- 3.5 ALLOWABLE SOIL BEARING PRESSURE under foundations has been assumed as 100 KN/M<sup>2</sup>. This should be reliably confirmed before foundations are built.



BUILDER'S WORK DURING CANOPY ERECTION.  
 =====

1. All water and dirt to be removed from holding down bolt tubes before columns are erected.
2. Column base plates are to be grouted by the Builder after columns are squared and plumbed.
3. Grout is to be a proprietary "non-shrink" cementitious grout, mixed and placed in accordance with manufacturers instructions.
4. A timber shutter is to be constructed to top of baseplate level as shown, before grouting commences.
5. Grout is to be fully worked into holding down bolt tubes and total area under baseplate.

<b>BERNARD FINNEGAN LTD.</b> CONSULTING ENGINEERS  5 MILLBROOK CLOSE SALLYBROOK GLANMIRE, CO. CORK.	CLIENT S.F.L. Engineering Ltd	DRAWN BY B.F.
	PROJECT General Details	SCALE 1:7.5
TEL 021-822336 FAX 021-821776	DRG. TITLE Grouting Detail.	DATE 23-10-90  DRG.NO. /



RONY MARTIN, TALLAGHT,

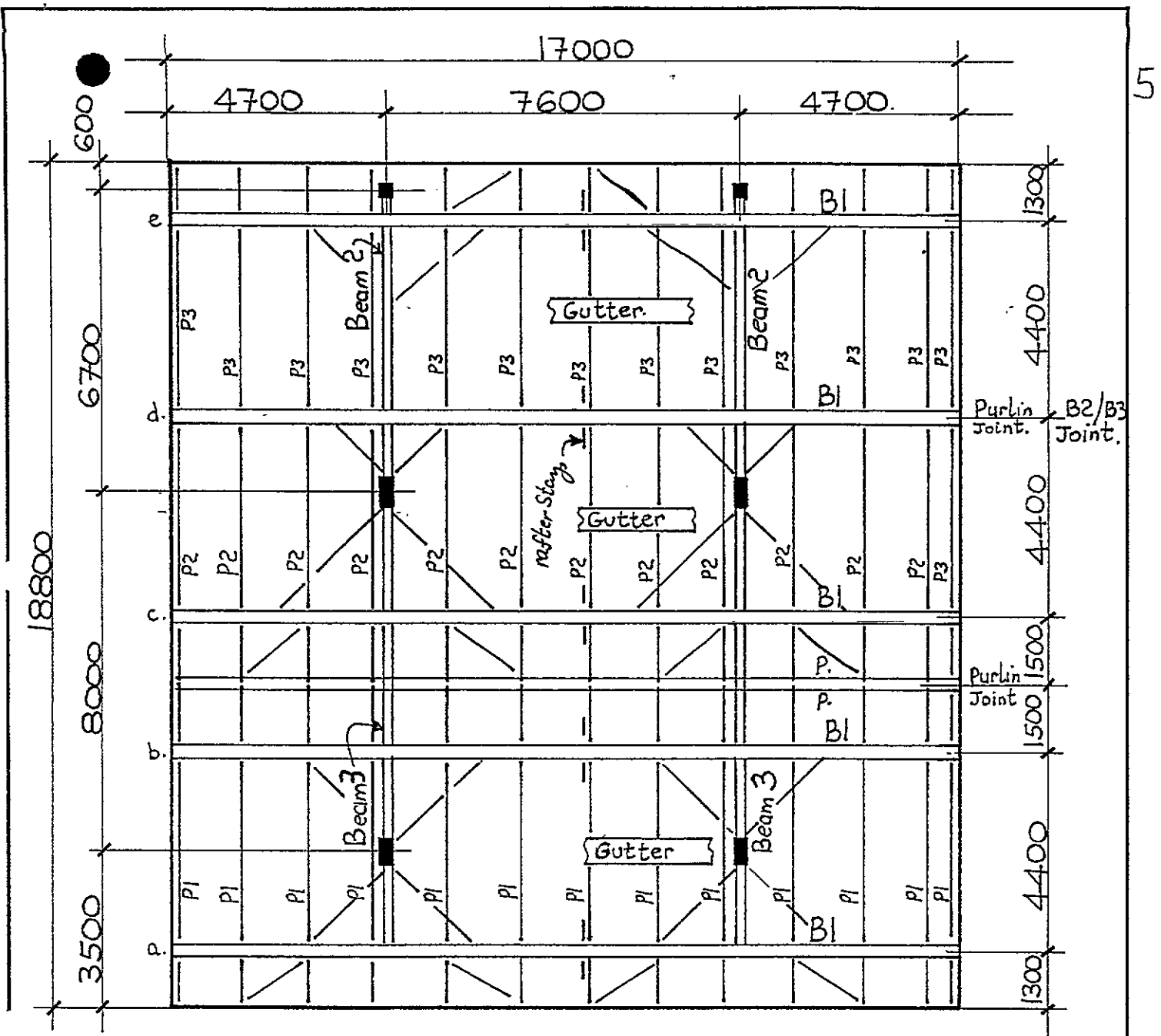
23-5-91.

LOADING.

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1. Superimposed Loading	:	0.75 Kn/m <sup>2</sup> .	C.P.3. Chapter V
2. Dead Loading	:	0.15 Kn /m <sup>2</sup> .	Deck, Purlins, Soffit
3. Fascia 1050 deep	:		
Weight/m.	=	0.22 kn. / m.	
4. Wind Loads.			
Basic Wind Speed	=	46 m./sec.	
S1	=	1.00	
S2	=	0.65	(Ground Roughness 3, Class B)
S3	=	1.00	
Vs	=	29.9 m./sec.	
q	=	0.55 kn./m <sup>2</sup>	
Fascia Horz. Load	=	1.09 kn./m	(Cp = 1.9 )
Wind Pressure	=	0.16 kn./m <sup>2</sup>	(Cp = 0.3 )
Wind Suction	=	-0.71 kn./m <sup>2</sup>	(Cp = -1.3 )blocked
Wind Suction	=	-0.27 kn./m <sup>2</sup>	(Cp = -0.5 )unblock.

=====



**BERNARD FINNEGAN LTD.**  
CONSULTING ENGINEERS

5 MILLBROOK CLOSE  
SALLYBROOK  
GLANMIRE, CO. CORK. TEL 021-822336  
FAX 021-821776

CLIENT  
**S.F.L. Engineering Ltd.**

PROJECT  
**Rony Martin, Tallaght.**

DRG. TITLE  
**Roof Plan.**

DRAWN BY **B.F.**

SCALE **1:125**

DATE **23-5-91**

**DRG.NO. 211-1**

JOB: Rony Martin Tallaght

DATE: 23-5-91 PAGE: 6

Section Sizes

Fascia : 1050 x 1.5

Ht. to upside : 4200

Roof Purlin : 55062  $\Sigma$ Purlins P1, P2, P3 : 55062  $\Sigma$  @ 1500 c/c.\* Beams 1, 3 : 356 x 171 x 45 (Stiffs at conns.) <sup>RAFTER STAYS B1</sup>

Beam 2 : 254 x 146 x 31 (do)

Main column : 400 x 200 x 10

Base plate : 600 x 400 x 20 Standard.

Rear Column : 200 x 200 x 6.3

Main Found. : 2000 x 2000 x 600

Rear Support : By others, see design forces below:-

Actual forces, on each rear column, at fascia level.

+ means down, forces in kn, see page 17

	W	F <sub>x</sub>	F <sub>y</sub>
Case 1	31.6	2.15	0
Case 2	0.7	2.15	0
Case 3	-14.0	0	0

\* Beam 1 : Stiffs at conns, rafter stays.

Beam 3 : " " " and at cols.

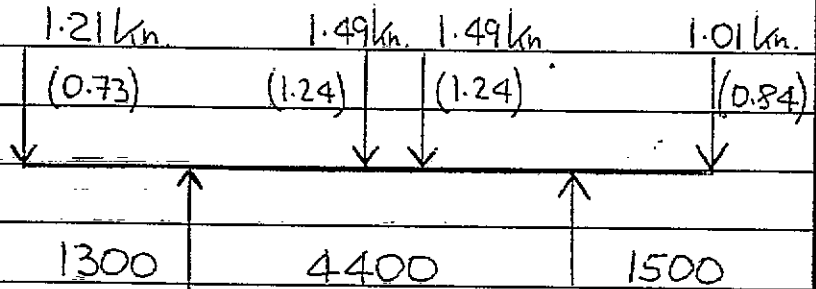
JOB: Rony Martin

DATE: 23-5-91 PAGE: 7

Purlin 1

Strength Design.

D.L+L.L.



1500 c/c

Pt 1 =  $1.5 \times 0.22$

+  $1.5 \times 0.65 \times 0.9$

= 1.21 kN

Pt 2 =  $1.5 \times 1.1 \times 0.9$

= 1.49 kN.

Pt 3 =  $1.5 \times 0.75 \times 0.9 = 1.01$  kN.

Deflection Design.

L.L. only.

Pt 1 =  $1.5 \times 0.65 \times 0.75 = 0.73$  kN.

Pt 2 =  $1.5 \times 1.1 \times 0.75 = 1.24$  kN.

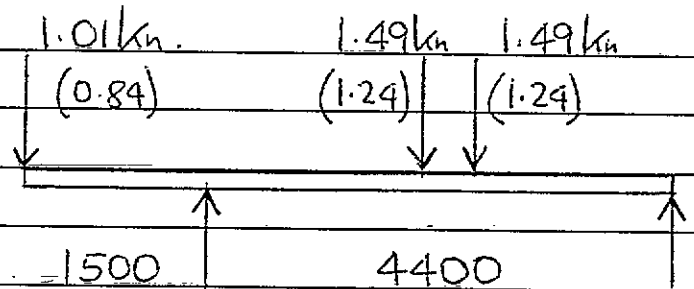
Pt 3 =  $1.5 \times 0.75 \times 0.75 = 0.84$  kN.

55062 (Page 8)

Purlin 2

Strength Design.

D.L+L.L.



1500 c/c

Pt 1 =  $1.5 \times 0.75 \times 0.9$

= 1.01 kN

Pt 2 = 1.49 kN.

Deflection Design.

L.L. only.

Pt 1 =  $1.5 \times 0.75 \times 0.75 = 0.84$  kN

Pt 2 = 1.24 kN.

55062 (Page 9)

RONY MARTIN, TALLAGHT,

PURLIN 1

23-5-91.

BEAM DESIGN.

CANTILEVER----SPAN----CANTILEVER.

Span 1 = 1.30 m.  
Span 2 = 4.40 m.  
Span 3 = 1.50 m.

(COLD ROLLED SECTIONS c )  
Span..... 7.200 m.  
Fascia... 1050 m.m.

Pt.Load 1	=	1.21 Kn. (LL+DL)	0.73 Kn. (LL.)
Pt.Load 2	=	1.49 Kn. (LL+DL)	1.24 Kn. (LL.)
Pt.Load 3	=	1.49 Kn. (LL+DL)	1.24 Kn. (LL.)
Pt.Load 4	=	1.01 Kn. (LL+DL)	0.84 Kn. (LL.)

TRY 55062 MULTIBEAM.

Ixx	=	157.00 cm <sup>4</sup> .
Zxx	=	22.32 cm <sup>3</sup> .
A	=	5.10 cm <sup>2</sup> .
D	=	140.00 m.m.
Ry	=	2.23 cm.
t	=	1.58 m.m.
B	=	73.00 m.m.

DEFLECTION DESIGN.

Span 1	Span 2	Span 3	
d1 = 1.62	d1 = 13.32	d1 = 2.88	
d2 = -2.37	d2 = -3.57	d2 = -0.64	
d3 = -0.28	d3 = -4.76	d3 = -1.37	
-1.03	4.99	0.87	Total Deflections
7.22	22.00	8.33	Allow. Deflections

STRENGTH DESIGN

M1 = 2.49 Kn.m.	Mb = 7.29 kn.m.	5.02
M2 = 4.81 Kn.m.	Mb = 5.80 kn.m.	Mo
M3 = 2.39 KN.m.	Mb = 6.99 kn.m.	7.36
		7.36

REACTIONS.

Ra = 2.71 Kn.	Rb = 2.48 Kn.	DL+LL.
Ra = 1.90 Kn.	Rb = 2.15 Kn.	LL.

RONY MARTIN, TALLAGHT,

PURLIN 2

23-5-91.

BEAM DESIGN.

CANTILEVER----SPAN----CANTILEVER.

Span 1 = 1.50 m.  
Span 2 = 4.40 m.  
Span 3 = 0.00 m.

(COLD ROLLED SECTIONS c )  
Span..... 5.900 m.  
Fascia... 0 m.m.

Pt.Load 1 = 1.01 Kn. (LL+DL) 0.84 Kn. (LL.)  
Pt.Load 2 = 1.49 Kn. (LL+DL) 1.24 Kn. (LL.)  
Pt.Load 3 = 1.49 Kn. (LL+DL) 1.24 Kn. (LL.)  
Pt.Load 4 = 0.00 Kn. (LL+DL) 0.00 Kn. (LL.)

TRY 55062 MULTIBEAM.

Ixx = 157.00 cm<sup>4</sup>.  
Zxx = 22.32 cm<sup>3</sup>.  
A = 5.10 cm<sup>2</sup>.  
D = 140.00 m.m.  
Ry = 2.23 cm.  
t = 1.58 m.m.  
B = 73.00 m.m.

DEFLECTION DESIGN.

Span 1 Span 2 Span 3  
d1 = 2.88 d1 = 13.32 d1 = 0.00  
d2 = -0.64 d2 = -4.76 d2 = -0.00  
d3 = -4.54 d3 = -0.00 d3 = -0.00  
-----  
-2.30 8.56 -0.00 Total Deflections  
8.33 22.00 0.00 Allow. Deflections  
-----

STRENGTH DESIGN

M1 = 2.39 Kn.m. Mb = 6.99 kn.m. 5.02 Mo  
M2 = 4.81 Kn.m. 4.69 Mb = 5.80 kn.m. 7.36  
M3 = 0.00 KN.m. Mb = 8.49 kn.m. 7.36  
-----

REACTIONS.

Ra = 2.84 Kn. Rb = 1.14 Kn. DL+LL.  
Ra = 2.37 Kn. Rb = 0.95 Kn. LL.  
-----

JOB: Rony Martin Tallaght

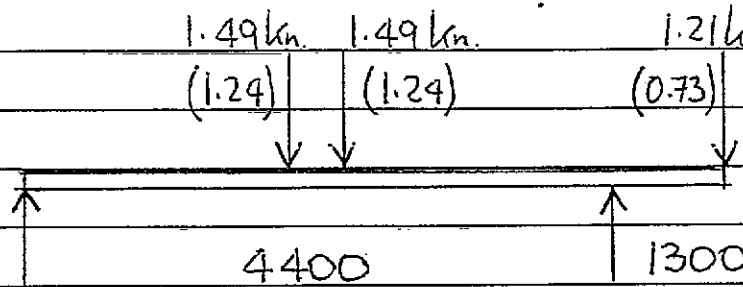
DATE: 23-5-91 PAGE: 10

Purlin 3

Strength Design D.L+L.L.

$$1500\% \text{ Pt 1} = 1.5 \times 1.1 \times .9 = 1.49 \text{ kn.}$$

$$\text{Pt 2} = 1.21 \text{ kn.}$$



Deflection Design.

L.L. only.

$$\text{Pt 1} = 1.24 \text{ kn.}$$

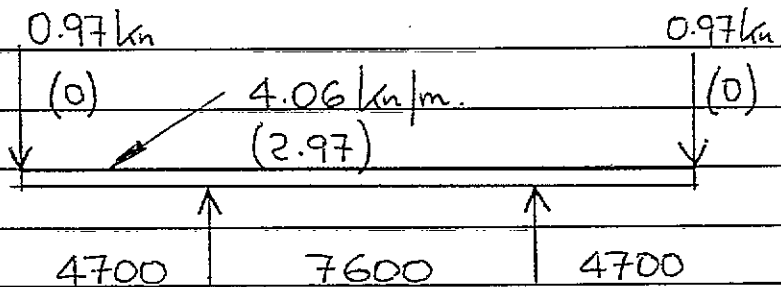
$$\text{Pt 2} = 0.73 \text{ kn.}$$

55062 (Page 11)

Beam 1

Strength Design DL+LL.

$$\text{Pt 1} = 4.4 \times 0.22 = 0.97 \text{ kn.}$$



$$\text{U.D.L.} = \text{worst of } a) 2.71/1.5 + (.65+1.1) \times .9 + .45 = 3.83 \checkmark$$

$$b) 2.48/1.5 + (.75+1.1) \times .9 + .45 = 3.77 \checkmark$$

$$c) 2.84/1.5 + (.75+1.1) \times .9 + .45 = 4.01 \checkmark$$

$$d) (1.14+1.13)/1.5 + (1.1+1.1) \times .9 + .45 = 3.94 \checkmark$$

$$e) 3.05/1.5 + (.65+1.1) \times .9 + .45 = 4.06 \text{ kn/m.}$$

Deflection Design.

L.L. only.

$$\text{Pt 1} = 0$$

$$\text{U.D.L.} = 2.37/1.5 + 1.85 \times .75 = 2.97 \text{ kn/m.}$$

~~356~~

356 x 171 x 45 (Page 12)

RONY MARTIN, TALLAGHT,

PURLIN 3

23-5-91.

BEAM DESIGN.

CANTILEVER----SPAN----CANTILEVER.

Span 1 = 0.00 m.  
Span 2 = 4.40 m.  
Span 3 = 1.30 m.

(COLD ROLLED SECTIONS c )  
Span..... 5.700 m.  
Fascia... 1050 m.m.

Pt.Load 1 = 0.00 Kn. (LL+DL) 0.00 Kn. (LL.)  
Pt.Load 2 = 1.49 Kn. (LL+DL) 1.24 Kn. (LL.)  
Pt.Load 3 = 1.49 Kn. (LL+DL) 1.24 Kn. (LL.)  
Pt.Load 4 = 1.21 Kn. (LL+DL) 0.73 Kn. (LL.)

TRY 55062 MULTIBEAM.

Ixx = 157.00 cm<sup>4</sup>.  
Zxx = 22.32 cm<sup>3</sup>.  
A = 5.10 cm<sup>2</sup>.  
D = 140.00 m.m.  
Ry = 2.23 cm.  
t = 1.58 m.m.  
B = 73.00 m.m.

DEFLECTION DESIGN.

Span 1 Span 2 Span 3  
d1 = 0.00 d1 = 13.32 d1 = 1.62  
d2 = -0.00 d2 = -0.00 d2 = -2.37  
d3 = -0.00 d3 = -3.57 d3 = -3.94  
-----  
-0.00 9.75 -4.69 Total Deflections  
0.00 22.00 7.22 Allow. Deflections  
-----

STRENGTH DESIGN

M1 = 0.00 Kn.m. Mb = 8.49 kn.m. Mo 5.02  
M2 = 4.81 Kn.m. Mb = 5.80 kn.m. 7.36  
M3 = 2.49 KN.m. Mb = 7.29 kn.m. 7.36

REACTIONS.

Ra = 1.13 Kn. Rb = 3.05 Kn. DL+LL.  
Ra = 1.02 Kn. Rb = 2.18 Kn. LL.



RONY MARTIN, TALLAGHT,

BEAM 1

23-5-91.

BEAM DESIGN.

CANTILEVER----SPAN----CANTILEVER.

Span 1 = 4.70 m.  
Span 2 = 7.60 m.  
Span 3 = 4.70 m.

Pt.Load 1 = 0.97 Kn. (LL+DL)                      0.00 Kn. (LL.)  
U.D.Load = 4.06 Kn/m. (LL+DL)                    2.97 Kn./m. (LL.)  
Pt.Load 2 = 0.97 Kn. (LL+DL)                    0.00 Kn. (LL.)

try 356 x 171 x 45  
Ixx = 12091.00 cm<sup>4</sup>.  
Zxx = 686.90 cm<sup>3</sup>.  
Ry = 3.78 cm.  
D/t = 36.20

DEFLECTION DESIGN.

Span 1		Span 2		Span 3
d1 = 0.00		d1 = 5.08		d1 = 0.00
d2 = 7.13		d2 = -4.78		d2 = 7.13
d3 = 8.68		d3 = -4.78		d3 = 8.68
d4 = 4.34				d4 = 4.34

20.15                      -4.47                      20.15 Total Deflections  
26.11                      21.11                      26.11 Allow. Deflections

STRENGTH DESIGN.

		Stress at holes.	Width
M1 = 49.40 Kn.m.		96.84	171.00
M2 = 29.31 Kn.m.		57.46	
M3 = 49.40 KN.m.		96.84	
Moment = 49.40 Kn.m.		96.83	
Stress = 71.92 N/m.m. <sup>2</sup>			
D/t = 36.20			
L/ry = 170.00			
Le = 6.43 m.	Maximum Effective Length	> 3.8 m.	

REACTIONS.

Ra = 35.48 Kn.                      Rb = 35.48 Kn. (LL+DL)  
Ra = 25.25 Kn.                      Rb = 25.25 Kn. (LL)

JOB : Romy Martin Tallaght.

DATE : 23-5-91 PAGE : 13

Beam 2

Strength Design, D.L+L.L.

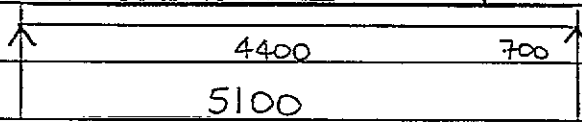
Pt 1 = 35.48 kn.

35.48 kn

(25.25)

Deflection Design.

L.L. only



Pt 1 = 25.25 kn. Page 14

I<sub>reqd</sub> = 941 cm<sup>4</sup> I<sub>provided</sub> = 4439 cm<sup>4</sup>

$\sigma = 134 \times 165 / 353 = 63 \text{ N/mm}^2$ , D/T = 29, l/r<sub>y</sub> = 210

l<sub>max</sub> = 210 × 33.5 = 7035 mm > 4400 mm

254 × 146 × 31

Beam 3

Strength Design.

D.L+L.L.

35.48 kn

35.48 kn

35.48 kn

41.4 kn

(25.25)

(25.25)

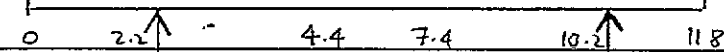
(25.25)

(28.75)

Pt 1 = 35.48 = Pt 2+3

Pt 4 = 35.48 + 5.9

= 41.4 kn.



Deflection Design.

L.L. only.

Pt 1 = 25.25 kn. = Pt 2,3

Pt 4 = 25.25 + 3.5 = 28.75 kn.

- Page 15
- $D_1 = 6.96 \text{ mm}$  D<sub>allow</sub> = 12.2 mm <sup>4/120</sup>
  - $D_2 = 1.29 \text{ mm}$  D<sub>allow</sub> = 22.2 mm <sup>4/360</sup>
  - $D_3 = 3.58 \text{ mm}$  D<sub>allow</sub> = 8.9 mm <sup>4/180</sup>

Page 15

$\sigma_{max} = 113.5 \text{ N/mm}^2$ , D/T = 36, l/r<sub>y</sub> = 105 l<sub>max</sub> = 108 × 37.8

l<sub>em</sub> = 4082 > 3000

$\sigma_{holes} = \frac{171}{127} \times 114 = 153 \text{ N/mm}^2 < 165 \text{ N/mm}^2$  356 × 171 × 45

Beam 2 D.L+L.L.

```

=====
SPAN (M.)..... 5.1

UDL , (KN / M.).... .4
P1 (Kn.)..... 35.48      A1 (M.)..... 4.4
P2 (Kn.)..... 0        A2 (M.)..... 0
P3 (Kn.)..... 0        A3 (M.)..... 0
P4 (Kn.)..... 0        a4 (M.)..... 0
P5 (Kn.)..... 0        A5 (M.)..... 0

I (cm^4.)..... 1441.441      Z (cm^3.)..... 133.5947

Ra (Kn.)..... 5.889803      Rb (Kn.)..... 31.6302
=====

```

TO RERUN, ENTER 1 ; TO RETURN TO PROG. SELECTION, ENTER 2

L.L. only.

```

=====
SPAN (M.)..... 5.1

UDL , (KN / M.).... 0
P1 (Kn.)..... 25.25      A1 (M.)..... 4.4
P2 (Kn.)..... 0        A2 (M.)..... 0
P3 (Kn.)..... 0        A3 (M.)..... 0
P4 (Kn.)..... 0        a4 (M.)..... 0
P5 (Kn.)..... 0        A5 (M.)..... 0

I (cm^4.)..... 941.5448      Z (cm^3.)..... 92.41827

Ra (Kn.)..... 3.465685      Rb (Kn.)..... 21.78432
=====

```

TO RERUN, ENTER 1 ; TO RETURN TO PROG. SELECTION, ENTER 2

BERNARD FINNEGAN LTD.

 PAGE 1  
 JOB NO.  
 RUN NO. 1  
 AUTHOR BF  
 DATE 23-5-91.

 RONY MARTIN  
 BEAM 3

 EN102: PLANE FRAME ANALYSIS V2.7  
 Units: S.I. METRIC (Steel)

 (c) ENCAD SYSTEMS LTD.-198  
 Data File : RONY

 Basic Load Case B2 : SUPER ONLY  
 Joint Displacements

JOINT	X LINEAR (mm)	Z LINEAR (mm)	Y ROTATION (rad)
1	.00000	-6.96459	-.00385
4	.00000	-1.29998	-.00060
6	.00000	-3.58159	.00257

 Basic Load Case B1 : DEAD + SUPER  
 Member End Stresses

MBR	JOINT	Ax AXIAL (N/mm <sup>2</sup> )	By y AXIS BENDING (N/mm <sup>2</sup> )	Ax +ABS.By (N/mm <sup>2</sup> )	Ax -ABS.By (N/mm <sup>2</sup> )
2	2	.0000	-113.5360	113.5360	-113.5360
2	3	.0000	13.2416	13.2416	-13.2416
4	4	.0000	31.2983	31.2983	-31.2983
4	5	.0000	-96.3491	96.3491	-96.3491
5	5	.0000	-96.3491	96.3491	-96.3491
5	6	.0000	.0000	.0000	.0000

 Basic Load Case B3 : SPAN ONLY  
 Member End Stresses

MBR	JOINT	Ax AXIAL (N/mm <sup>2</sup> )	By y AXIS BENDING (N/mm <sup>2</sup> )	Ax +ABS.By (N/mm <sup>2</sup> )	Ax -ABS.By (N/mm <sup>2</sup> )
4	4	.0000	103.0692	103.0692	-103.0692
4	5	.0000	-29.4400	29.4400	-29.4400

 Basic Load Case B1 : DEAD + SUPER  
 Support Reactions

JOINT	X FORCE (kN)	Z FORCE (kN)	Y MOMENT (kNm)
2	.0000	75.0980	.0000
5	.0000	72.7420	.0000

 Basic Load Case B2 : SUPER ONLY  
 Support Reactions

JOINT	X FORCE (kN)	Z FORCE (kN)	Y MOMENT (kNm)
2	.0000	53.5875	.0000
5	.0000	50.9125	.0000

-----  
 BERNARD FINNEGAN LTD.

PAGE 2  
 JOB NO.  
 RUN NO. 1  
 AUTHOR BF  
 DATE 23-5-91.

-----  
 RONY MARTIN  
 BEAM 3

EN102: PLANE FRAME ANALYSIS V2.7  
 Units: S.I. METRIC (Steel)

(c) ENCAD SYSTEMS LTD. 198  
 Data File : RONY

Section Properties

N.B. IF a Shear Area value field is null (empty),  
 shear distortions are ignored in the analysis.

SECTION NO.	TABLE REF./ DESCRIPTION	AREA Ax (cm2)	Iy (cm4)	zMAX (mm)	Az SHEAR AREA (cm2)
2	356*171*45 UB	5.700E+01	1.210E+04	1.760E+02	2.266E+01

Member Details

MEMBER NO.	y AXIS FLEXURE TYPE NO.	SECTION GROUP	MATERIAL GROUP
1	1	2	1

JOB: Rony Martin Tallaght.

DATE: 23-5-91 PAGE: 17

## Column Design

## Main Column.

Case 1 : D + S + Wind.

$$\text{Load} = 7.5^5 \text{ kn.}$$

5.175

$$M_{xa} = 1.09 \times 8.5 \times (0.525 + 4.2 + .45)/2$$

$$= 24 \text{ kn.m.}$$

$$M_y = 1.09 \times 7.5 \times 5.175/2 = 21 \text{ kn.m.}$$

Case 2 : D. + Wind

Unblocked

$$\text{Load} = 21.4 - 0.27 \times 8.5 \times 7.5 = 4 \text{ kn.}$$

$$M_{xc} = 24 \text{ kn.m.}$$

$$M_y = 21 \text{ kn.m.}$$

400x200x10 (Page 18)

## Rear Column

Rear Column is a stub column, use 200x200x6.3

## Forces on rear col.

Case 1 : D + S + Wind // to shop (x-x)

$$\text{Load} = 31.6 \text{ kn.}$$

$$F_x = 1.09 \times 3.95 = 4.3 \text{ kn} / 2 = 2.15 \text{ kn.}$$

$$F_y = 0$$

Case 2 : D + Wind // to shop

Unblocked

$$\text{Load} = 9.8 - 0.27 \times 8.5 \times 3.95 = 0.73 \text{ kn.}$$

$$F_x = \frac{2.15}{2} \text{ kn}, \quad F_y = 0$$

Case 3 : D + Wind  $\perp$  to shop

$$\text{Load} = 9.8 - .71 \times 8.5 \times 3.95 = -14 \text{ kn.}$$

$$F_x = 0 \quad F_y = 0.$$

RONY MARTIN, TALLAGHT,  
MAIN COL.

23-5-91.

COLUMN DESIGN.

=====		CASE 1	CASE 2
Max. Load.	=	75.00	4.00 KN.
Moment x-x (a)	=	24.00	24.00 KN.M.
Moment x-x (b)	=	0.00	0.00 KN.M.
Moment y-y	=	21.00	21.00 KN.M.
Height	=	4.65	4.65 M.
Eff. Length x-x	=	9.30	9.30 M.
Eff. Length y-y	=	9.30	9.30 M.
Canopy Width.	=	0.00	0.00 M.

TRY 400 X 200 X 10 R.H.S.

A	=	116.00	cm <sup>2</sup>
Z x-x	=	1207.00	cm <sup>3</sup>
Z y-y	=	814.00	cm <sup>3</sup>
I x-x	=	24140.00	cm <sup>4</sup>
I y-y	=	8138.00	cm <sup>4</sup>
ry	=	8.39	cm.
D/t	=		

Lateral Defl. x-x	=	3.41	3.41 m.m.
Allow Defl. x-x	=	25.83	25.83 m.m.
Lateral Defl. y-y	=	8.86	8.86 m.m.
Allow Defl, y-y	=	25.83	25.83 m.m.
Edge Defl.	=	0.00	0.00 m.m.
Allow. Edge Defl.	=	0.00	0.00 m.m.

STRENGTH DESIGN.

Compression.

Leff./ry	=	110.85	110.85
Pc	=	66.41	66.41 N./m.m. <sup>2</sup>
Ax.Str.	=	6.47	0.34 N./m.m. <sup>2</sup>

Bending.

Leff./ry	=	55.42	55.42
D/t	=	0.00	0.00
Pcb.	=	165.00	165.00 N./m.m. <sup>2</sup>
Bend.Str.	=	19.88	19.88 N./m.m. <sup>2</sup>

COEFFICIENT	=	0.22	0.13 < 1.0
-------------	---	------	------------

=====

RONY MARTIN,

MAIN COL,

23-5-91.

-----  
BASEPLATE DESIGN      RECTANGULAR COLUMN  
-----

DIMENSIONS.  
=====

	LENGTH	WIDTH	THICK
COLUMN :	400	200	---
BASEPL :	600	400	20
H.D. BOLTS :	3	2	24
STIFFS :	2	150	12

LOADING.  
=====

	CASE 1		CASE 2		
	x-x	y-y	x-x	y-y	
LOAD :	80.0	80.0	9.0	9.0	Kn.
MOMENT :	24.0	21.0	24.0	21.0	Kn.m.

RESULTANT FORCES / STRESSES.  
=====

	ACTUAL				ALLOWABLE	
Depth to Neutral Axis.(D)..	173.8	110.6	173.8	110.6	---	m.m.
Compressive Force.....(C)..	89.4	105.4	53.3	71.4	---	Kn.
Tensile Force.....(T)..	9.4	25.4	44.3	62.4	---	Kn.
Stress in grout under BSPL.	2.6	3.2	1.5	2.2	6.5	N./mm <sup>2</sup>
BSPL bend. stress at column	---	135.5	---	91.8	206.0	N./mm <sup>2</sup>
Stiff. bending stress.....	46.2	---	27.6	---	206.0	N./mm <sup>2</sup>
Actual H.D.Tension.....	3.1	12.7	14.8	31.2	---	Kn.
Required H.D.Tension.....	4.4	17.8	20.7	43.7	57.4	Kn.
BSPL bend. st. at H.D.bolt.	15.5	62.5	72.8	153.6	206.0	N./mm <sup>2</sup>
Stiff. bending stress.....	5.2	14.1	24.6	34.7	206.0	N./mm <sup>2</sup>



RONY MARTIN, TALLAGHT,  
MAIN FOUND.

23-5-91.

FOUNDATION DESIGN

	CASE 1	CASE 2	CASE 3		
Max. Load	= 80.00	9.00	0.00	KN.	
Moment X-X	= 27.36	27.36	0.00	KN.M.	
Moment Y-Y	= 23.94	23.94	0.00	KN.M.	
Base Length	= 2.00	2.00	2.00	M.	
Base Width	= 2.00	2.00	2.00	M.	
Base Thickness	= 0.60	0.60	0.60	M.	
Base Area	= 4.00	4.00	4.00	M <sup>2</sup> .	
Base Z x-x	= 1.33	1.33	1.33	M <sup>3</sup> .	
Base Z y-y	= 1.33	1.33	1.33	M <sup>3</sup> .	
STRESSES UNDER BASE :					
Super Load	= 20.00	2.25	0.00	KN./M <sup>2</sup> .	
Soil	= 7.20	7.20	7.20	KN./M <sup>2</sup> .	
Base	= 14.40	14.40	14.40	KN./M <sup>2</sup> .	
Wind x-x	= 20.52	20.52	0.00	KN./M <sup>2</sup> .	
Wind y-y	= 17.96	17.96	0.00	KN./M <sup>2</sup> .	
MAX. STRESSES :					
Wind x-x	= 62.12	44.37	21.60	KN./M <sup>2</sup>	< 100
Wind y-y	= 59.56	41.81	21.60	KN./M <sup>2</sup>	< 100
MIN. STRESSES :					
Wind x-x	= 21.08	3.33	21.60	KN./M <sup>2</sup>	> 0
Wind y-y	= 23.65	5.90	21.60	KN./M <sup>2</sup>	> 0
FACTOR OF SAFETY :					
O.T.M. x-x	= 27.36	27.36	0.00	KN.M.	
R.M. x-x	= 86.40	86.40	86.40	KN.M.	
F.O.S. x-x	= 3.16	3.16	0.00		> 1.5
O.T.M. y-y	= 23.94	23.94	0.00	KN.M.	
R.M. y-y	= 86.40	86.40	86.40	KN.M.	
F.O.S. y-y	= 3.61	3.61	0.00		> 1.5

FOUNDATION REINFORCEMENT

Pressure under foundation	=	63.00 kn./m <sup>2</sup> . (nett)
	=	100.80 kn./m <sup>2</sup> . (gross)
Moment	=	50.40 kn.m.
M/bd <sup>2</sup> fcu	=	0.006
z	=	523 m.m.
Ast	=	241 m.m. <sup>2</sup> / m.
Minimum percentage	=	.13% = 715 m.m. <sup>2</sup> / m.
Actual...T16 @ 200 c/c	=	1010 m.m. <sup>2</sup> / m...Provided.

DW/MR/3225

19th June 1991

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

91A/0847  
1.6.0.6 photos  
incl A.1.

Ryan  
O'Brien  
Handy  
Associates

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089

REGISTER REFERENCE NO. 91A/0847

**ALTERATIONS TO ALREADY APPROVED CANOPY AND SHOP/STORE  
BUILDING AT ALREADY APPROVED PETROL STATION AT  
TYMON/BALROTHERY DISTRIBUTOR ROAD AT TYMON NORTH,  
TALLAGHT FOR MR. R. MARTIN**

Dear Sirs,

We refer to the above Planning Application and would like to submit the following unsolicited additional information.

The Building

1. The plan of the building was changed as our client did not feel that he required workshops and wanted to accommodate an office, fuel store and toilet for the disabled. The total floor area is not increased.

The Canopy

2. Both our client and ourselves felt that the pitched roof canopy to be very industrial in appearance and out of scale with the adjacent housing.
3. The pitched roof canopy requires many more stanchions to support same and limits the forecourt.
4. Due to the pitched nature of the canopy the overall illumination of the forecourt would have to be increased to achieve adequate lighting.
5. Our client intends to sell Jet petrol at this station. As a result of market research, Jet Oil found that the majority of people no longer liked the illuminated plastic fascias usually fixed to the canopy fascia and would prefer a light colour. The proposed colour is now a light grey to blend in with the surroundings.

20 JUN 91

111 Wellington Street  
Luton LUT 5AF

Partners  
Denis Handy  
DIP ARCH MR/IAI MSDI  
John McCarthy  
DIP ARCH MR/IAI MSDI  
Associates  
Denis Whelan  
RIAI (TECH)  
Kenneth McEwan  
BSC (HONS)  
Noel Doyle


6. The illumination of this type of canopy is dramatically reduced with only Jet and the logo internally illuminated.
7. There will be no illuminated sign on the canopy fascia beside the house.
8. The apparent height of the canopy fascia is reduced as the fascia has been designed with a bevel at the top and bottom.

We enclose 2 copies of 3 photographs to illustrate the above points.

Photograph A shows the existing finish applied to a typical filling station.  
Photograph B shows the proposed filling station at night.  
Photograph C shows the proposed finish to the canopy fascia.

Should you require any further information please contact us.

Yours faithfully,



DENIS WHELAN

Encls.

A



A

N. COUNTY JOURNAL  
20 JUN 1991  
9 1A 020  
APPLICATION

FULL  
ATTENDANT  
SERVICE  
HERE  
JET



# JET

10 JUN 1959

REPLICATION TYPE OF  
NO. L.D. 100

JET  
JET  
JET

6

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4

# JET

JUN 1991

RES. FOR THE  
APPLICATION TYPE

NO L.B.

JET  
JET  
JET

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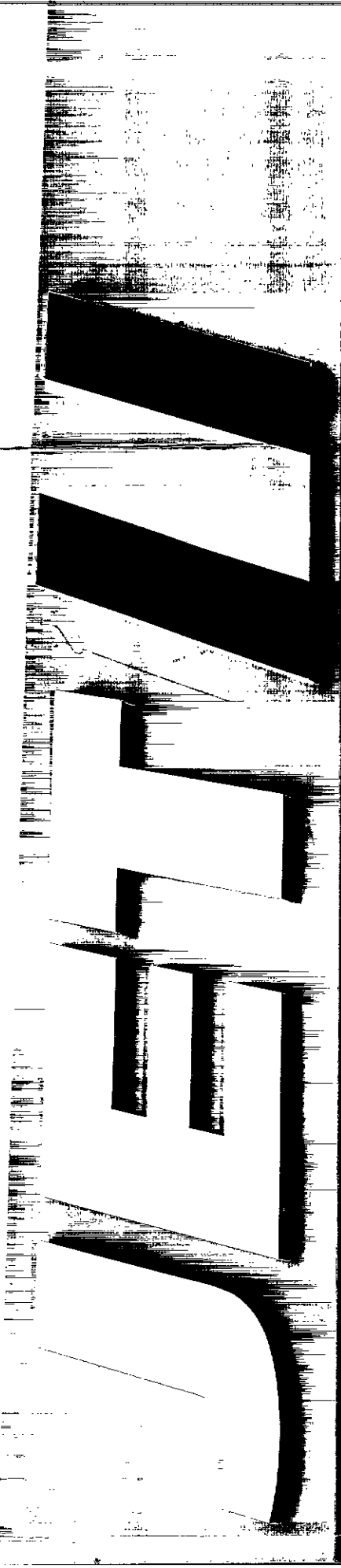
C

DUBLIN COUNTY CO. REG.  
Planning Dept. Reg.  
1920/2

20 JUN 1991

91A/0847

REG No  
APPLICATION TYPE O/P/A/B  
No. L D S





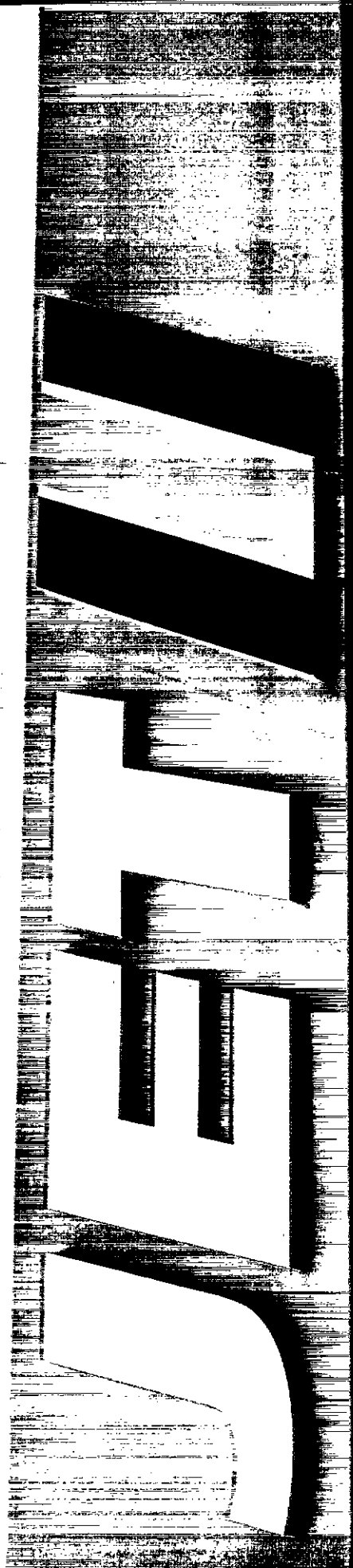
C

WALTON COUNTY COUNCIL  
Planning & Development Registry Section  
Dunwoody

20 JUN 1991

91A/0847

REG. NO.  
APPLICATION FOR  
NO. L.D.S.



# 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 41185

*Balance*

£5.25

Received this 11<sup>th</sup> day of June 1991

from Ryan O'Brien Handy Assets  
6 Perry Place  
D.H.

the sum of five Pounds

twenty five Pence, being balance

of fee on 9/A/847

Melanie Deane Cashier

**S. CAREY**  
Principal Officer

Class 4  
Rob

Your Ref: 91A/0847

DW/AMcA/3225

10th June 1991

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

**Ryan  
O'Brien  
Handy  
Associates**

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089

**NEW PETROL FILLING STATION AT TYMON/BALROTHERY  
DISTRIBUTION ROAD, TALLAGHT, FOR R. MARTIN.**

Dear Sirs

As requested in your letter of the 30th May, 1991, we enclose  
herewith a cheque in the amount of £5.25, being the balance of the  
Fee due.

Yours faithfully



DENIS WHELAN

encl.

11 JUN 91

111 Wellington Street  
Luton LU1 5AF

Partners  
Denis Handy  
DIP ARCH MRIBI MSDI  
John McCarthy  
DIP ARCH MRIBI MSDI  
Associates  
Denis Whelan  
RIAI (TECH)  
Kenneth McEwan  
BSC (HONS)  
Noel Doyle

05 JUN 1991



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/0847

Date : 30th May 1991

Dear sir/Madam,

Development : Alterations to the already approved canopy and shop/  
store building at the already approved petrol filling  
station

LOCATION : Site fronting south side of Tymon/Balrothery  
Distributor Road and west of Scoil Iosa at Tymon  
North, Tallaght

Applicant : R. Martin

App. Type : PERMISSION/BUILDING BYE-LAW APPROVAL

Date Recd : 24th May 1991

Your application in relation to the above was submitted with a fee of  
280.25 .

On examination of the plans submitted it would appear that the  
appropriate amount should be 285.50 .

I should be obliged if you would submit the balance of 5.25  
as soon as possible as a decision cannot be made on this application  
until the correct fee is received.

Yours faithfully,

A handwritten signature in dark ink, appearing to read 'R. O'Brien', written over a dotted line.

PRINCIPAL OFFICER

Ryan O'Brien Handy Associates,  
6 Percy Place,  
Dublin 4.

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/0847

Date : 27th May 1991

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

Dear Sir/Madam,

DEVELOPMENT : Alterations to the already approved canopy and shop/  
store building at the already approved petrol filling  
station

LOCATION : Site fronting south side of Tymon/Balrothery  
Distributor Road and west of Scoil Iosa at Tymon  
North, Tallaght

APPLICANT : R. Martin

APP. TYPE : PERMISSION/BUILDING BYE-LAW APPROVAL

With reference to above, I acknowledge receipt of your application received  
on 24th May 1991.

Yours faithfully,

.....  
PRINCIPAL OFFICER

Ryan O'Brien Handy Associates,  
6 Percy Place,  
Dublin 4.



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 ..... Tymon/Balrothery, Distributor Road, West of Scoil Iosa.  
(If none, give description sufficient to identify) ..... Tymon North, Tallaght, Dublin 24.

3. Name of applicant (Principal not Agent) ..... Mr. R. Martin  
Address ..... 24 Foxrock Wood, Foxrock, Dublin 18. Tel. No. ....

4. Name and address of person or firm responsible for preparation of drawings ..... Ryan O'Brien Handy Associates,  
6 Percy Place, Dublin 4. Tel. No. .... 680899

5. Name and address to which notifications should be sent ..... Ryan O'Brien Handy Associates,  
6 Percy Place, Dublin 4. Tel. No. .... 4560 50 N 39423

6. Brief description of proposed development ..... New petrol filling station including shop/store building,  
canopy, pump islands, underground storage tanks and car wash.

7. Method of drainage ..... Mains drainage ..... 8. Source of Water Supply ..... Rising main

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

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 ..... 1,350.00 Sq. m.  
(b) Floor area of proposed development ..... 103.00 Sq. m.

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

12. State applicant's legal interest or estate in site (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 into account ..... See attached notice.

15. List of documents enclosed with application ..... Newspaper notice, 4 no. copies of specification, location map,  
drawing nos. 3225/02, /03, /04, /05, /06, /06B, /07, 600/6, /11B,  
/16C, /37, /89, 3200/201, /202, /203, /112.

16. Gross floor space of proposed development (See back) ..... 103.00 Sq. m.

No of dwellings proposed (if any) ..... N/A Class(es) of Development ..... 8 & 4

Fee Payable £ ..... 840.75 Basis of Calculation ..... Planning & BBL Class 8 = £300, Class 4 = 103 x £5.25 = £540.75  
If a reduced fee is tendered details of previous relevant payment should be given

Signature of Applicant (or his Agent) ..... Noel Doyle Date ..... 24<sup>th</sup> May 1991

Application Type ..... P/B FOR OFFICE USE ONLY

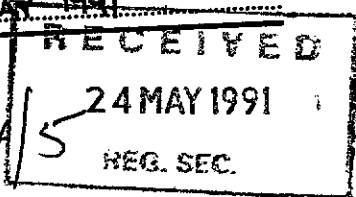
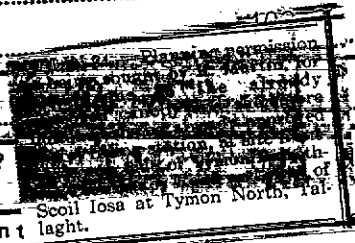
Register Reference ..... 91A/02/0847

Amount Received £ ..... 22-5 68.4 24/5

Receipt No ..... REG. SEC.

Date ..... 24/5

Irish  
Sub  
21/5/91



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 APPLICATIONS

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

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

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

[Empty box for receipt code]

BYE LAW APPLICATION.

REG. N. 39423

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

£560.50

Received this 24th day of May 1991

from Rennie Martin  
24 Foxrock Wood, Foxrock

the sum of five hundred and sixty Pounds  
fill Pence being 60 60 60

application on Tynon/Balcolton distributor road, West of Snail

by Tynon North

Michael O'Leary

Cashier

[Signature]

S. CAREY  
Principal Officer

(10855)  
CIE



COMHAIRLE CHONTAE ÁTHA CLIATH

PAID BY 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 39730

DATE  
M.O.  
D.L.  
I.T.

£280.25

Received this 24th day of May 1991

from Pannie MacL...  
24 Foxrock Wood, Foxrock

the sum of two hundred and eighty Pounds

twenty five Pence, being two ten pence

application on Tziman/Balrathay distributor road, west of S1  
loss, Tziman North

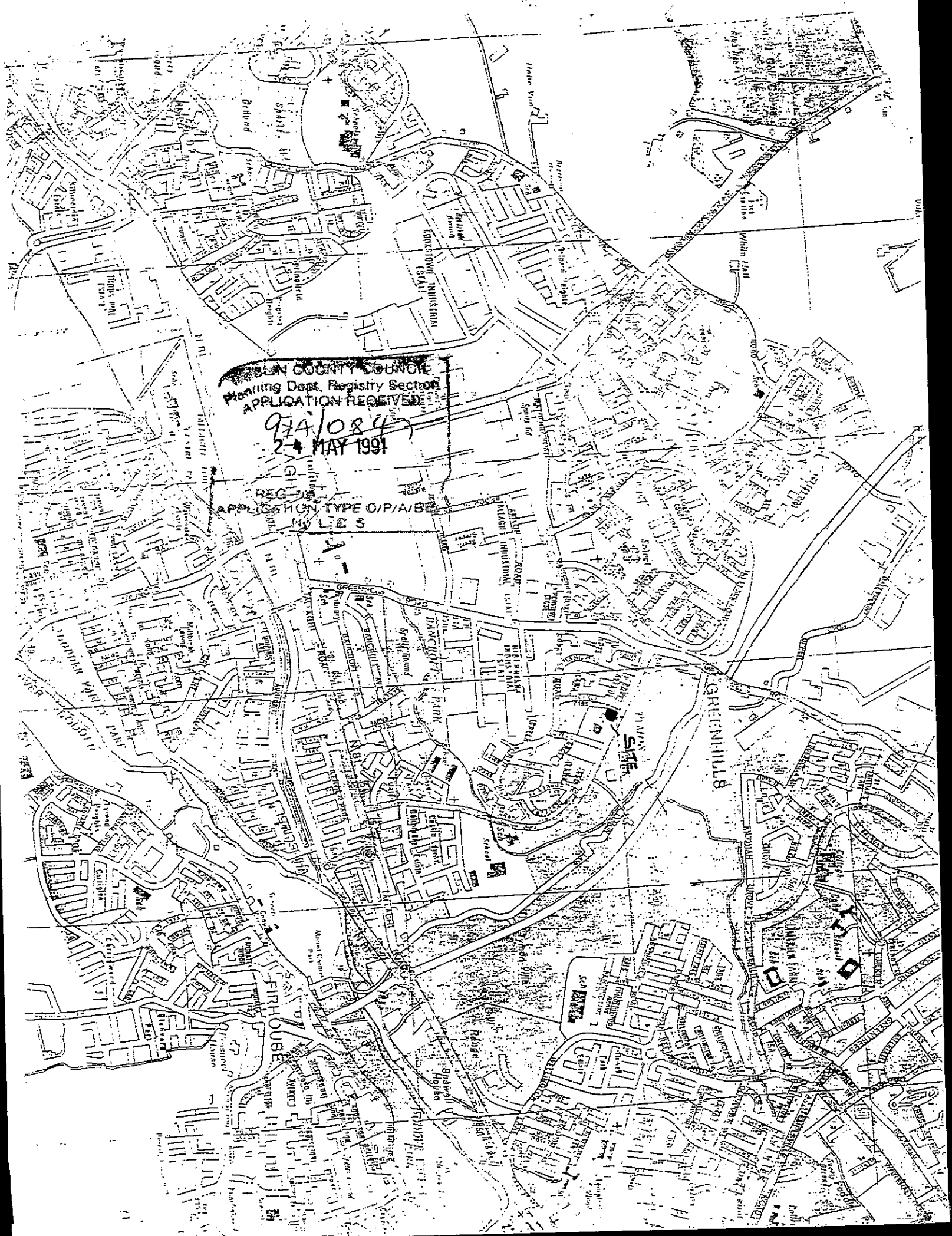
Michael J. Her... Cashier

S. CAREY  
Principal Officer 418

SUN COUNTY COUNCIL  
Planning Dept. Registry Section  
APPLICATION RECEIVED

97A/084  
24 MAY 1991

REG-3  
APPLICATION TYPE O/P/A/B  
S/L/S



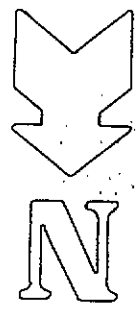
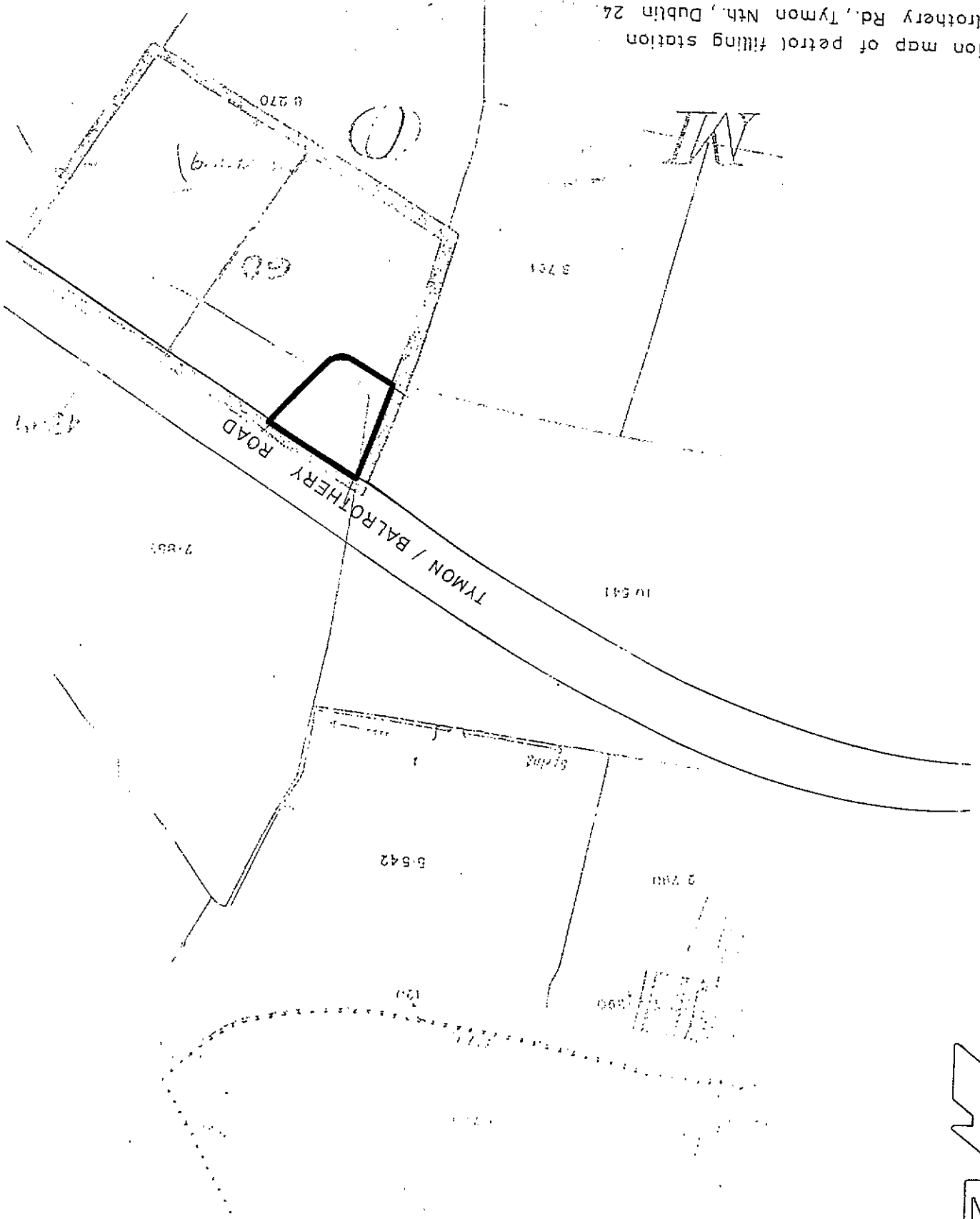
map not available

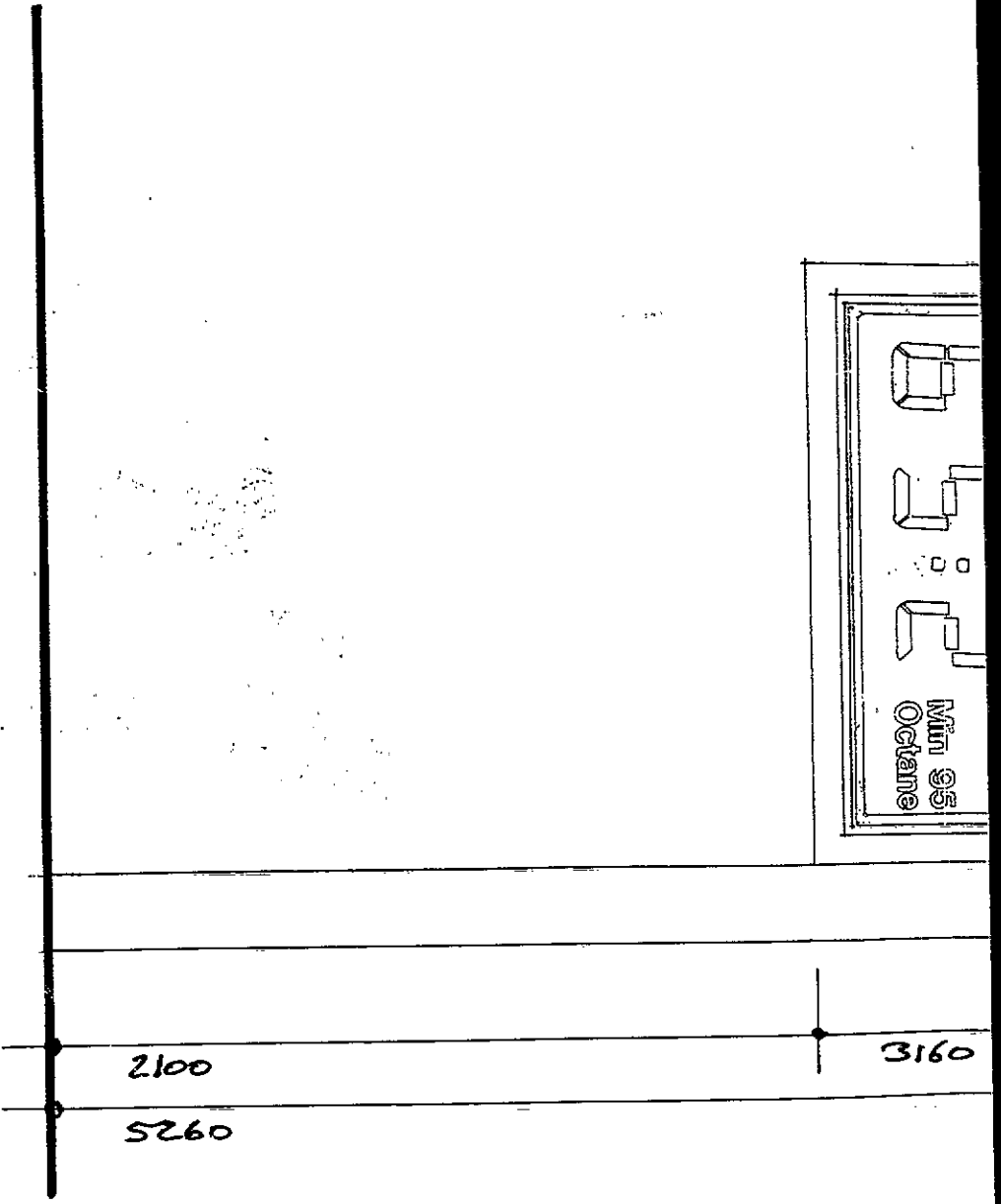
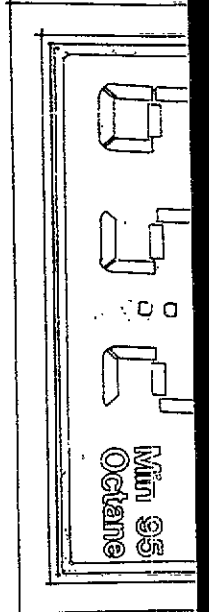
Scale 1:200

O.S. map ref.:- Dublin 22/5

Tymon/Balrothery Rd, Tymon Nth, Dublin 24

Site location map of petrol filling station





ELEVATION

THIS DRG. TO BE READ IN  
CONJUNCTION WITH  
DRG. NOS. 3220/2022 & 207

NEW JET  
IDENTITY

J.D. POLE SIGN:  
ELEVATION 1:

Scale: 1:20

Date: MAR. '91.

Dwg. No: 3220/201

**ROBH**

ARCHITECTS & DESIGNERS

Ryan

O'Brien

Handy

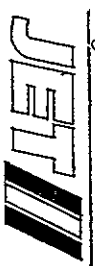
Associates

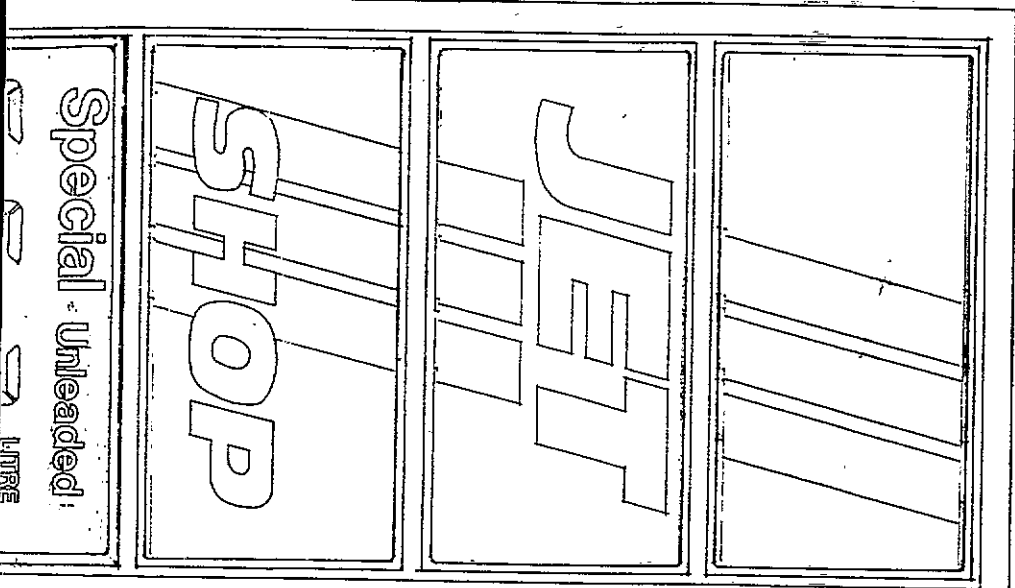
6 Percy Place

Dublin 4

Telephone 680 899

Facsimile 680 089

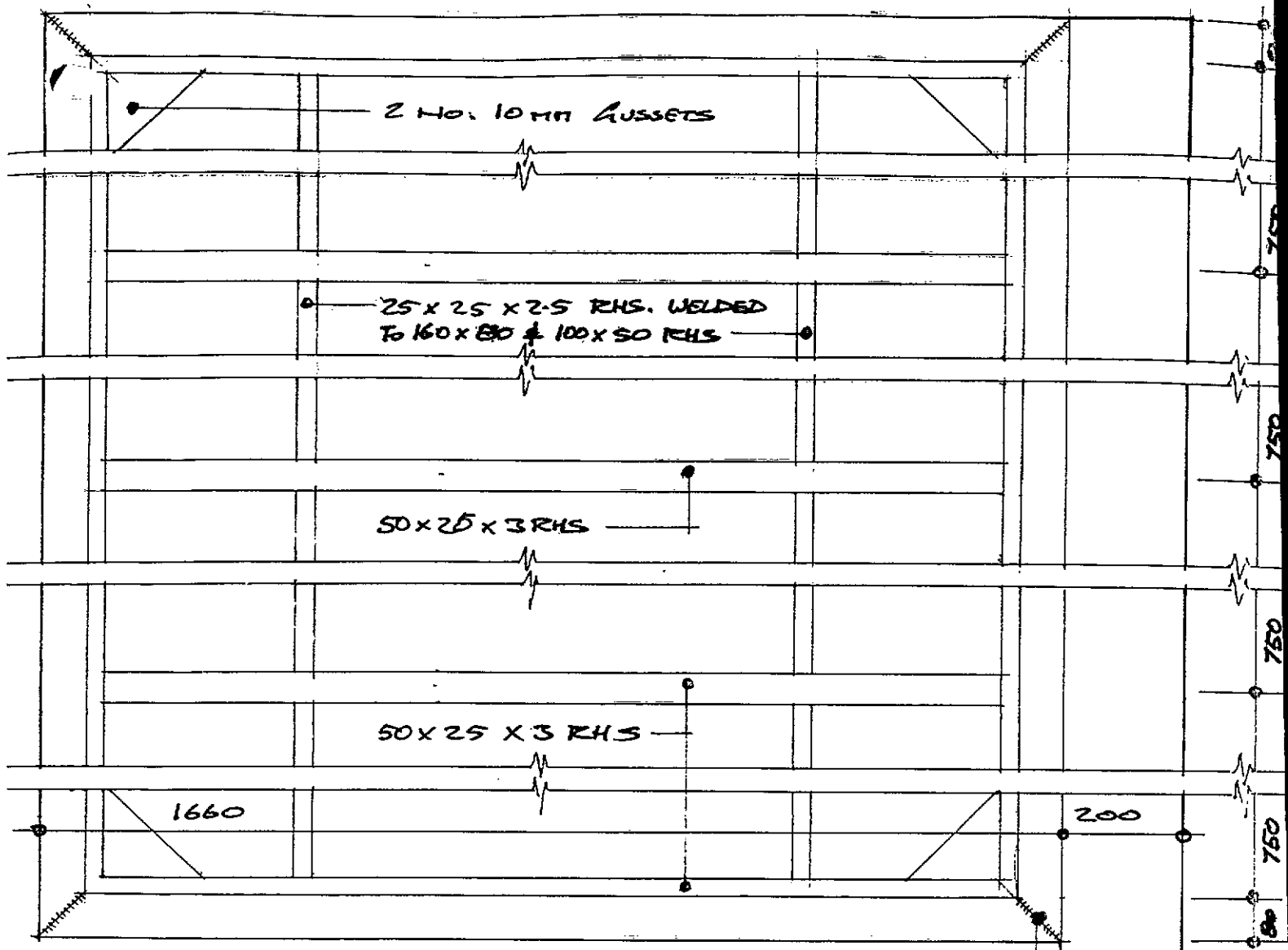




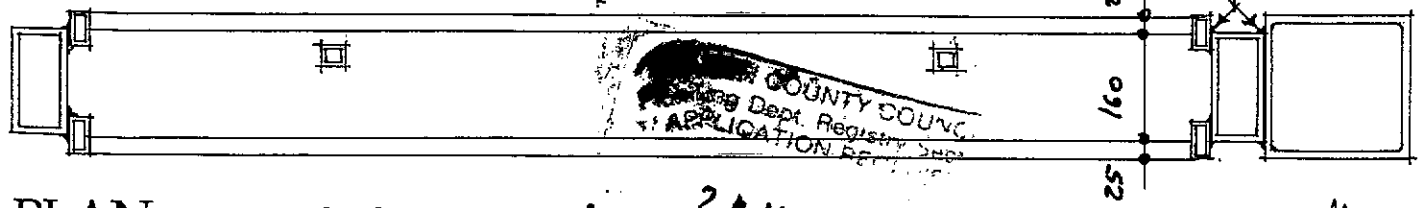
1660

1860

STBLIN COUNTY COUNCIL  
Planning Dept. Register Section  
APPLICATION RECEIVED  
24 MAY 1991  
REG NO. 919084  
APPLICATION TYPE O/P/A/R  
NO L D S



FULL STRENGTH BUTT WELD  
 6 mm CONTINUOUS WELD



PLAN Scale 1:10

200 x 200 x 6 RHS

12 mm Gussets

500 x 500 x 20 BASE PLATE

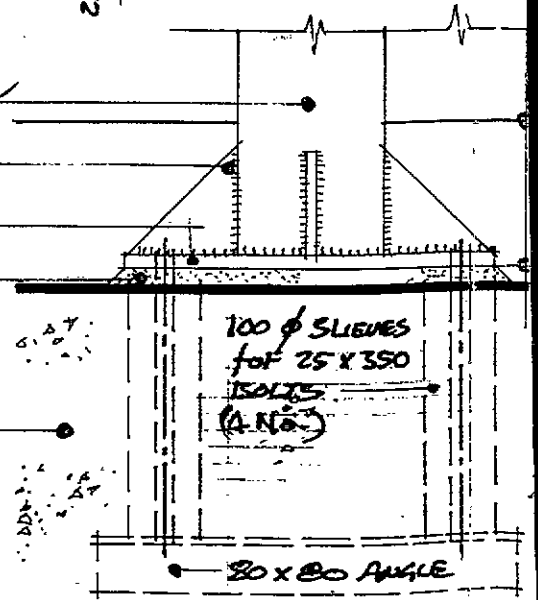
25 GRout

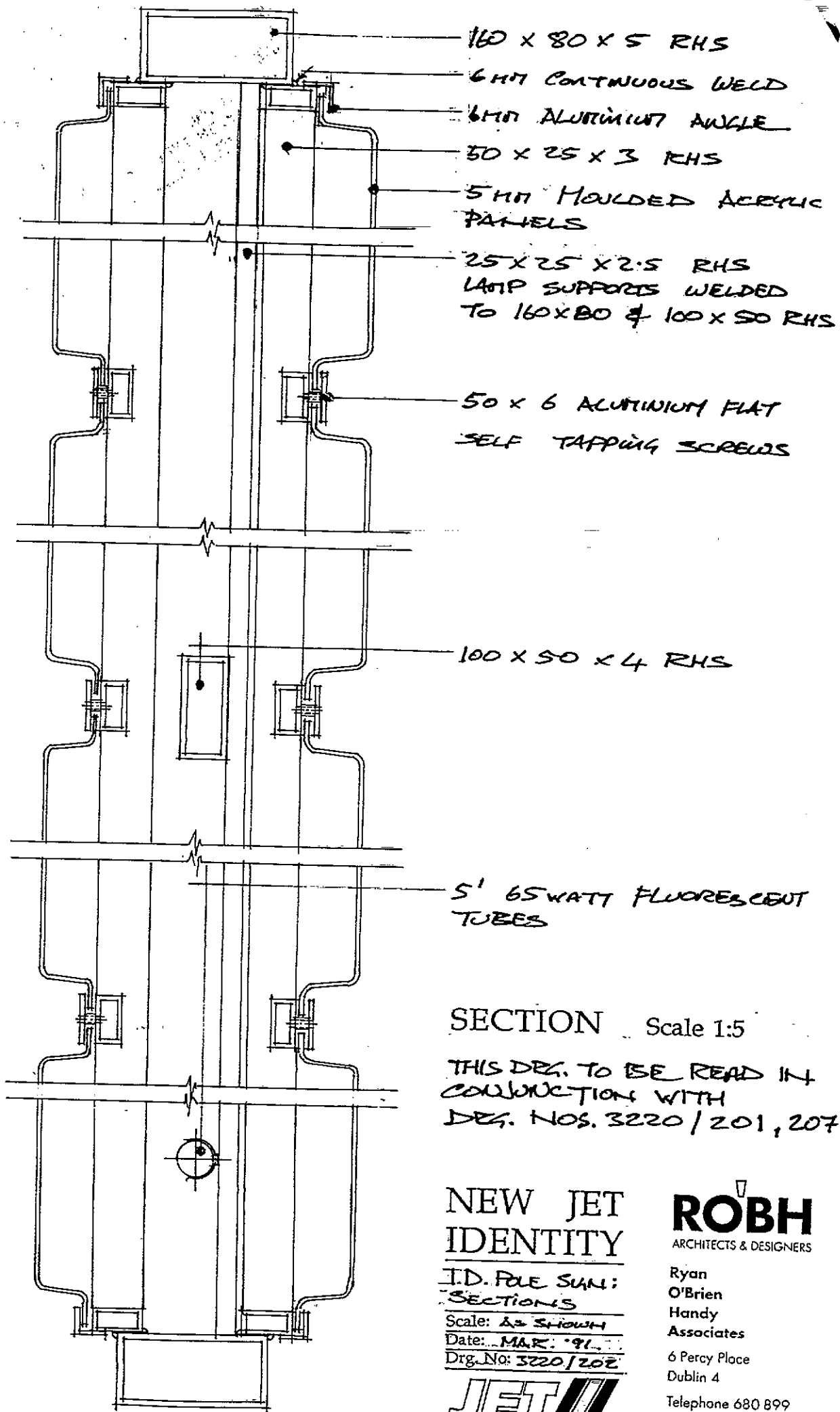
CONCRETE BASE: 2000 x 2000 x 1000 deep.  
 30 N CONCRETE REINFORCED WITH H.T. MESH  
 10 mm. BARS @ 200 x 200

FOUNDATION DETAILS MAY VARY ACCORDING  
 TO SITE CONDITIONS - CONSULT WITH  
 ARCHITECT.

SECTION Scale 1:10

COUNTY COUNCIL  
 Planning Dept. Registry Dept.  
 APPLICATION REFUSED  
 24 MAY 1991  
 918/0847





SECTION Scale 1:5  
 THIS Dwg. TO BE READ IN CONJUNCTION WITH Dwg. NOS. 3220/201, 207

NEW JET  
 IDENTITY

I.D. POLE SUN:  
 SECTIONS

Scale: AS SHOWN  
 Date: MAR. '91  
 Dwg. No: 3220/202

**JET**

**ROBH**  
 ARCHITECTS & DESIGNERS

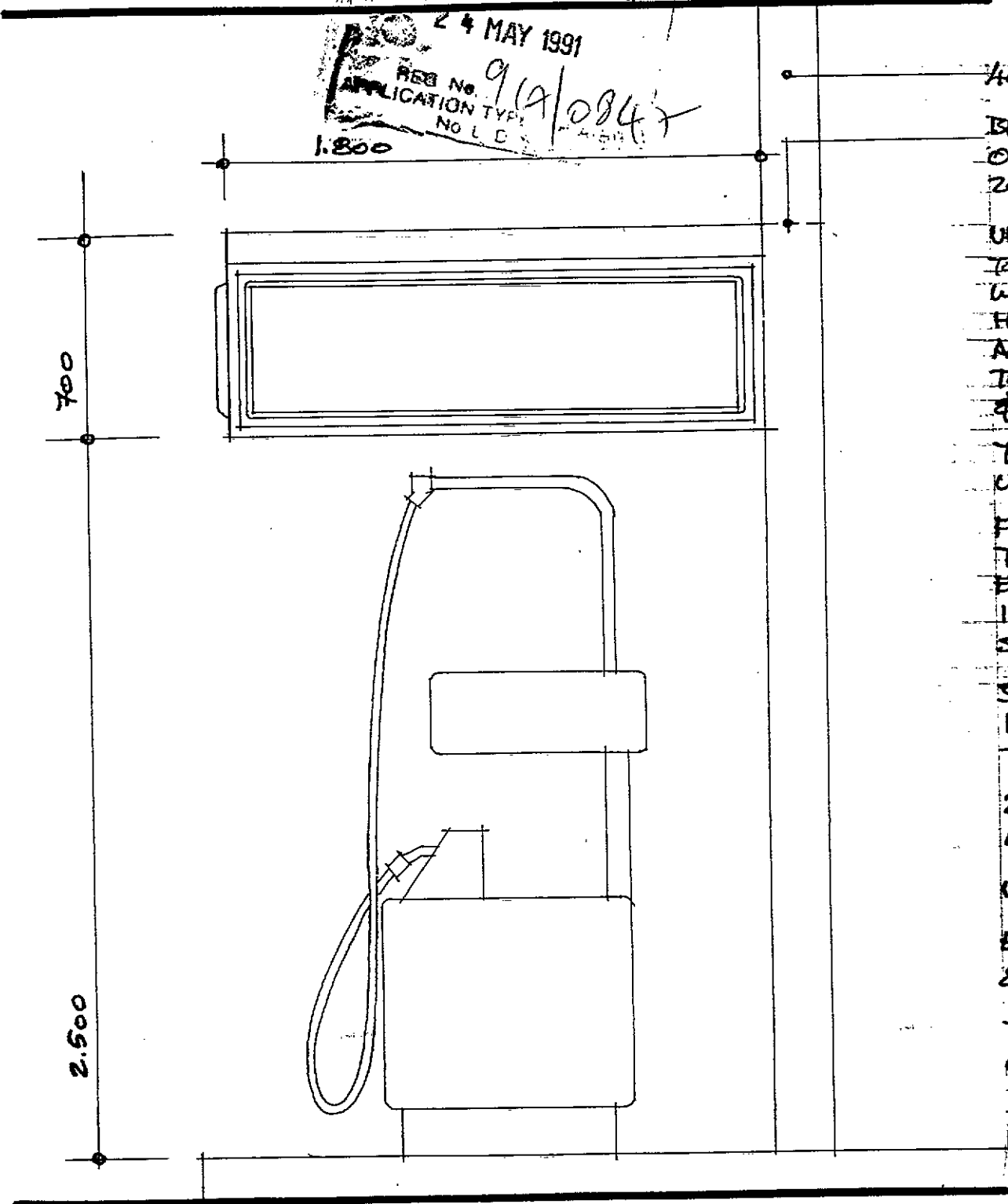
Ryan  
 O'Brien  
 Handy  
 Associates

6 Percy Place  
 Dublin 4

Telephone 680 899  
 Facsimile 680 089

DUBLIN COUNTY COUNCIL  
Planning Dept. Section  
APPLICATION

24 MAY 1991  
REG No 919/0847  
APPLICATION TYPE  
NO L.C.



400 x 700  
BROKEN  
OF IND  
200 x 200  
UPLIGHT  
TOP OF  
WITH  
HALIDE  
ALL EL  
TO BE  
& COST  
TOP OF  
UPLIGHT  
FRAMWA  
TOP SE  
END A  
IN 18  
SHEETWA  
5 M  
PAVELS  
TRANS  
2 No.  
LAPPS  
UNDERS  
END PA  
& 3-M  
THIS IS  
CONSUM  
3220/

ELEVATION

FOUNDA  
PUMP  
BE



200 STANCHION.

LINE REFERS TO TOP  
SPELDBUT PUMP TOPPER  
200 STANCHION.

ERS (WHERE SPECIFIED)  
UNIT OPEN WHEN FITTED  
Z No. 250 WATT METAL  
UPLIGHTER FITTINGS -  
ELECTRICAL ACCESSORIES  
FROM SAME MANUFACTURER  
AVAILABLE.

UNIT CLOSED IF NO  
TERS SPECIFIED.

IN 50 x 25 x 3 RHS,  
SECTION & 50mm SIDE, BOTTOM &  
ANGLES ALL FORMED.  
GAUGE 'IMPALCO' ALUMINIUM  
4 - SPRAY PAINTED GREY.

PAINTED WHITE ACRYLIC  
COVERED WITH 3M SCOTCHCAL  
LUCENT FILM AS SPECIFIED.

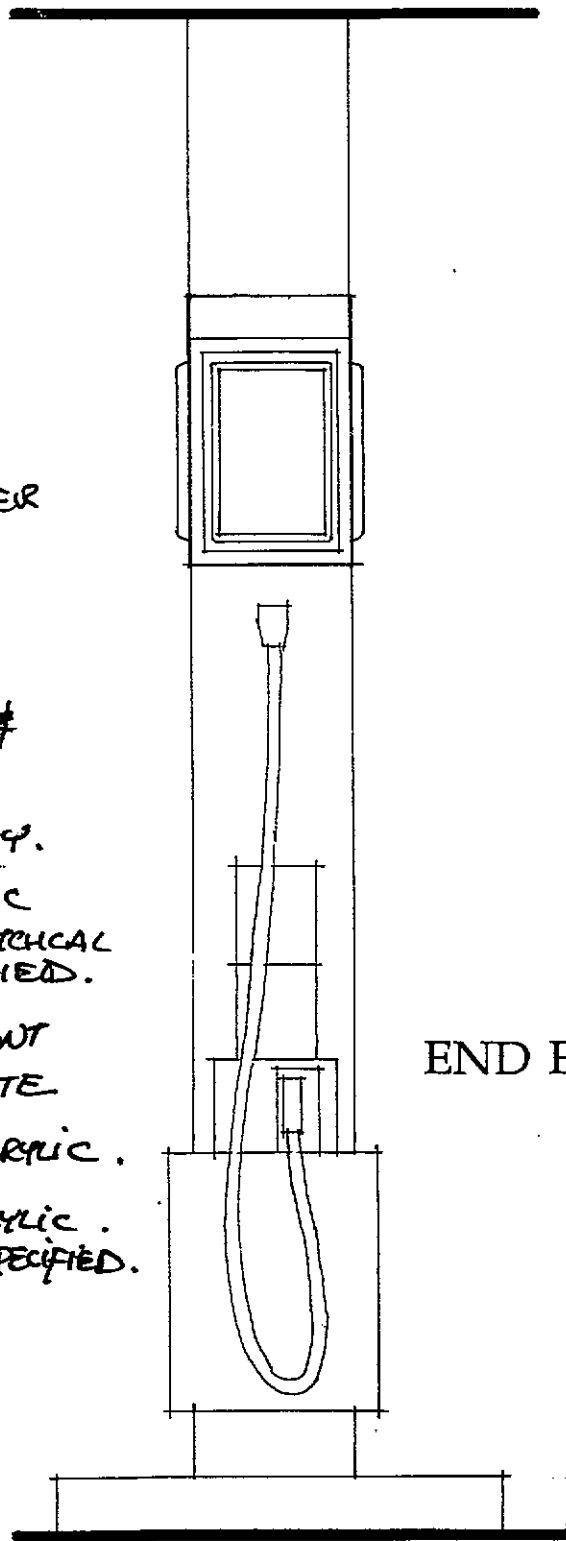
5' 65 WATT FLUORESCENT  
- COLOUR COOL WHITE

DE IN CLEAR STIPPED ACRYLIC.

ELS IN 3mm HOLED ACRYLIC.  
FILM - MESSAGE TO BE SPECIFIED.

24. TO BE READ IN  
SECTION WITH DRG. NOS.  
204, 205 & 206

IONS FOR INDEPENDENT  
TOPPER STANCHIONS TO  
CONFIRMED WITH ARCHITECT.



END ELEVATION

NEW JET  
IDENTITY

PUMP TOPPERS  
ELEVATIONS

Scale: 1:20

Date: MAR '91.

Drg. No: 3220/203

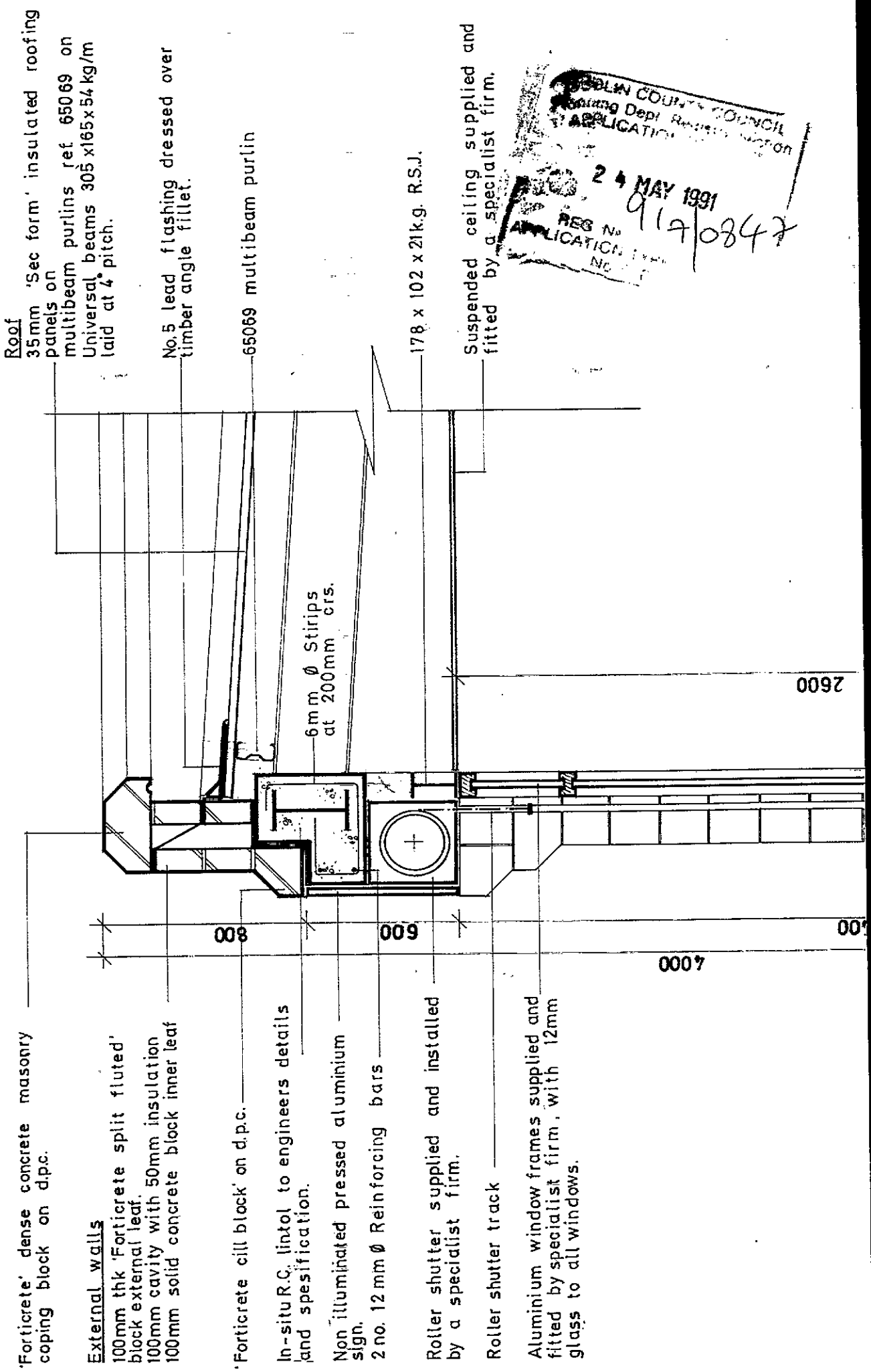
**JET**

**ROBH**  
ARCHITECTS & DESIGNERS

Ryan  
O'Brien  
Handy  
Associates

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089



**Roof**  
 35mm 'Sec form' insulated roofing panels on multibeam purlins ref. 65069 on Universal beams 305 x 165 x 54 kg/m laid at 4 pitch.

No. 5 lead flashing dressed over timber angle fillet.

65069 multibeam purlin

178 x 102 x 21k.g. R.S.J.

Suspended ceiling supplied and fitted by a specialist firm.

'Forticrete' dense concrete masonry coping block on d.p.c.

**External walls**  
 100mm thk 'Forticrete split fluted' block external leaf.  
 100mm cavity with 50mm insulation  
 100mm solid concrete block inner leaf

'Forticrete cill block' on d.p.c.  
 In-situ R.C. lintol to engineers details and specification.

Non illuminated pressed aluminium  
 2 no. 12mm Ø Reinforcing bars

Roller shutter supplied and installed by a specialist firm.

Roller shutter track

Aluminium window frames supplied and fitted by specialist firm, with 12mm glass to all windows.

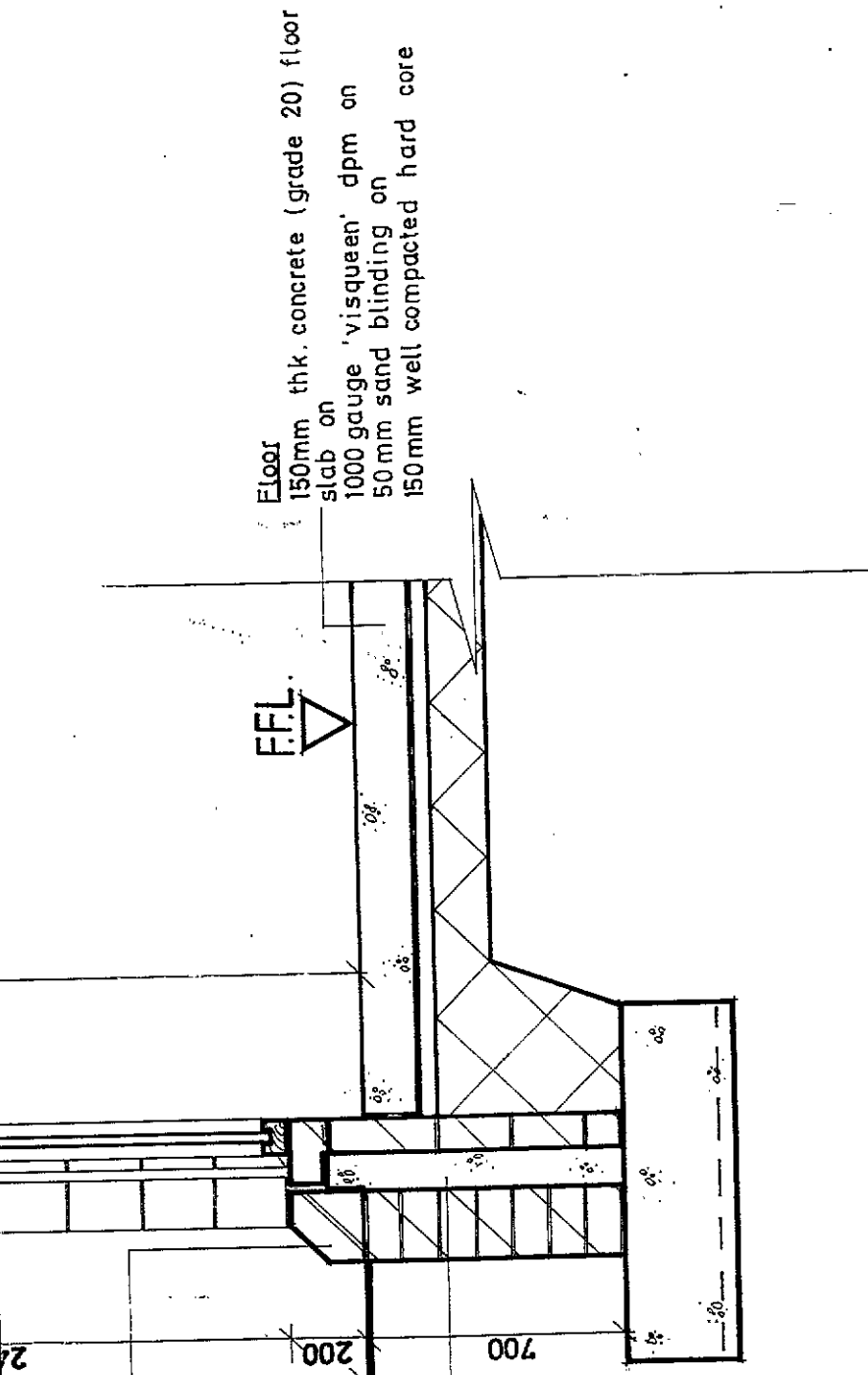
DUBLIN COUNTY COUNCIL  
 Planning Dept. Registered Architect  
 APPLICATION  
 24 MAY 1991  
 REG. No. 917/0847  
 APPLICATION No.

2600

006

007

'Forticrete cill block'



**Rising walls**  
 215mm thk. solid concrete block wall with 100mm cavity filled with concrete (grade 10) with 100mm block inner leaf on concrete foundations 1000x300mm thk. (grade -20) reinforced with H.T. steel mesh ref. B 283.

G.L.

F.F.L.

Floor  
 150mm thk. concrete (grade 20) floor slab on  
 1000 gauge 'visqueen' dpm on  
 50mm sand blinding on  
 150mm well compacted hard core

**NOTE**

This drawing should be read in conjunction with the relevant engineers details and calculations, as the structural steelwork may vary for individual buildings.

**Ryan O'Brien Handy Associates  
 Architects & Designers**

Project **CONOCO**

38 Percy Place, Dublin 4. 680899 Fax 680089  
 111 Wellington Street, Luton LU1 5AF (0582)401492

Date Dec. 89

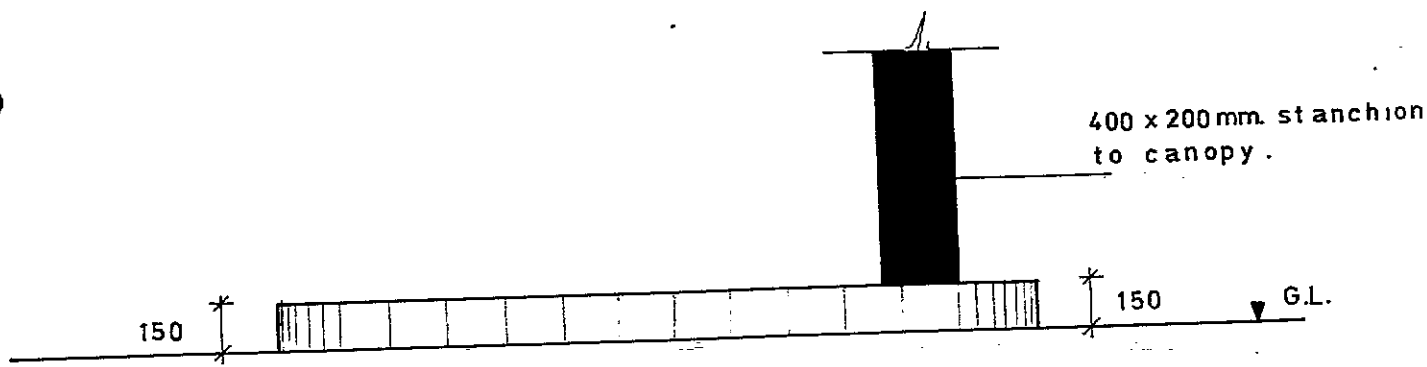
Scale 1:20

600/89

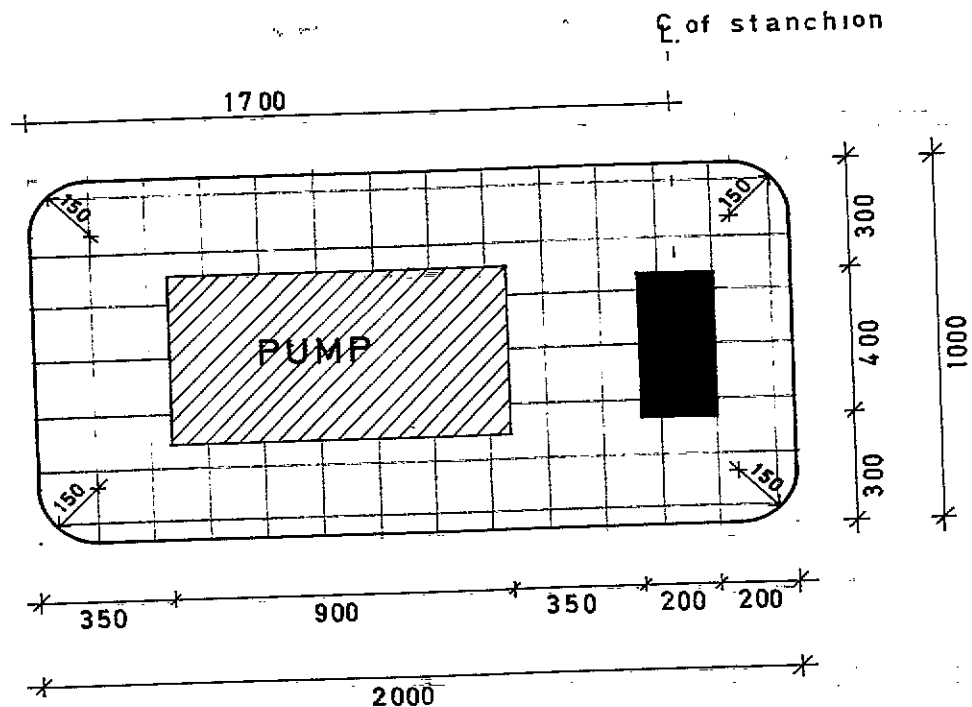
Drawing no.

Standard wall section

JDH13196



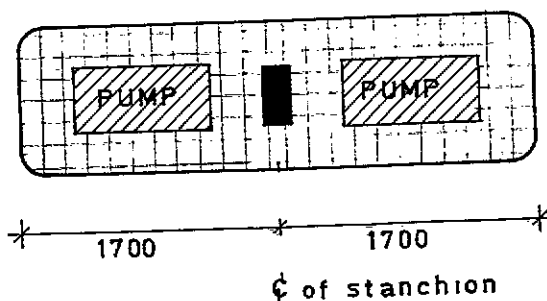
ELEVATION (scale 1:20)



SINGLE PUMP ISLAND (scale 1:20)

DUBLIN COUNTY COUNCIL  
 Planning Dept.  
 APPLICATION FOR...

24 MAY 1991



DOUBLE PUMP ISLAND (scale 1:50)

REG NO. 91A/0847  
 APPLICATION TYPE O/P/A/BE.  
 No. L D S

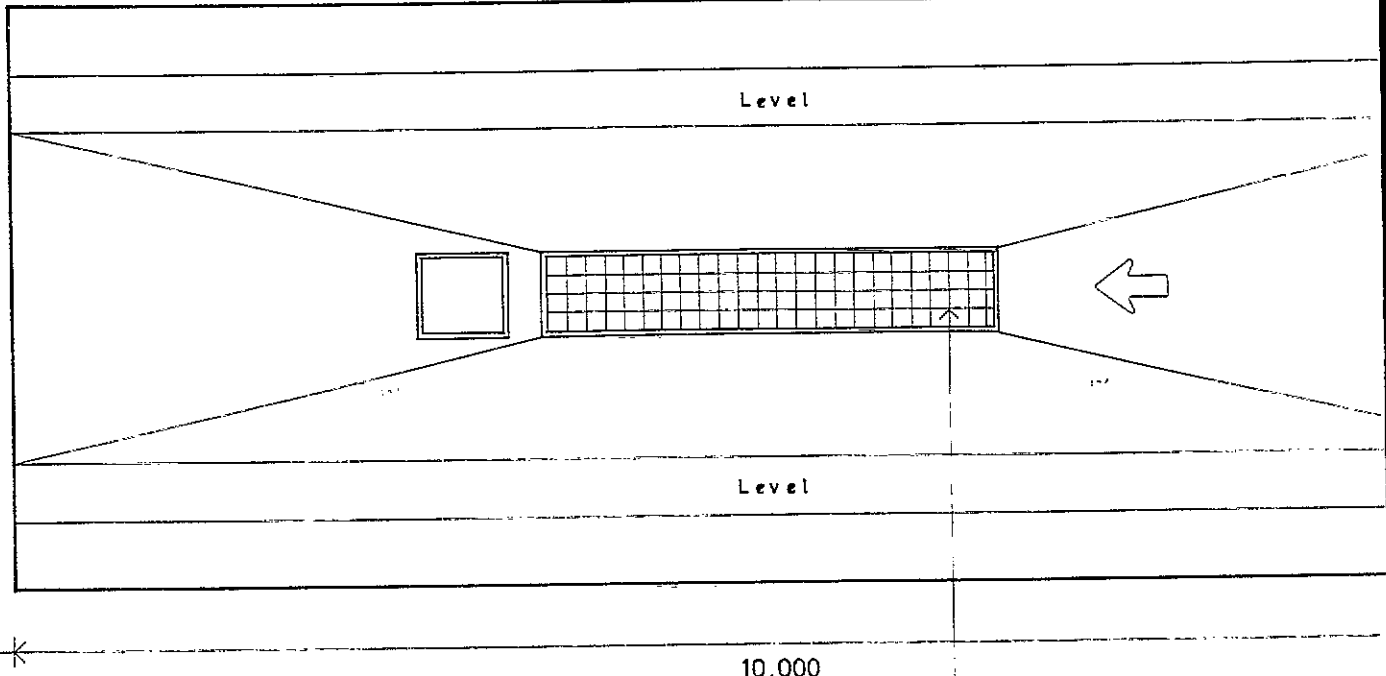
**Ryan O'Brien Handy Associates**  
**Architects & Designers**

38 Percy Place, Dublin 4 (01) 680661/680899

Job Title **CONOCO**  
 Drawing title **PUMP ISLAND DETAILS**

Date \_\_\_\_\_ Scale **as shown.**  
 Drawing no. **600/37.**

100 x 100 x 6 mm. box section, 3.200 m. high.



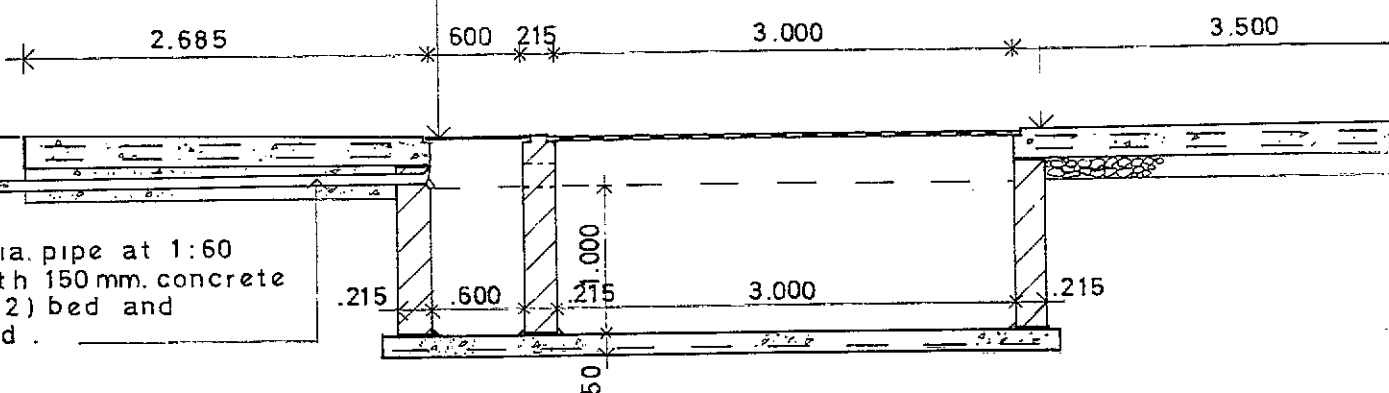
PLAN

Heavy duty manhole cover and frame to B.S.497.

WALTON COUNTY  
Planning Dept. Register  
APPLICATION No. 91A/0847  
24 MAY 1991  
REG No. 91A/0847  
APPLICATION TYPE  
No. 1.1

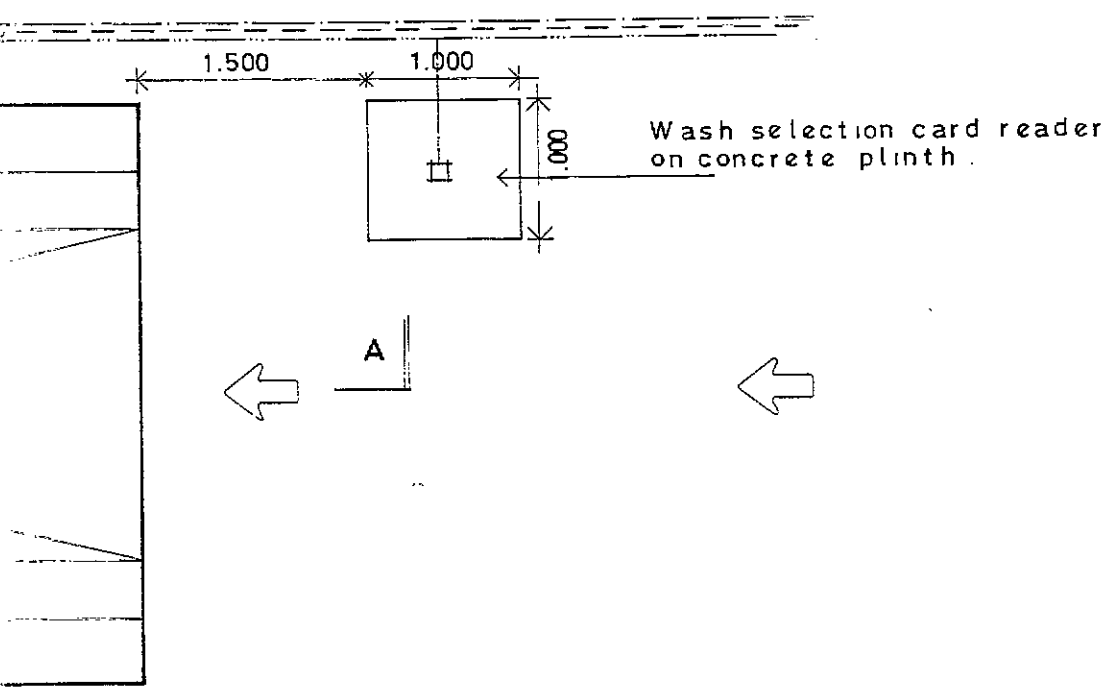
Removable metal grate and frame, heavy duty

200mm. thick concrete wash slab laid to fall 150mm. consolidated ha Slab reinforced top a with A252 mesh.



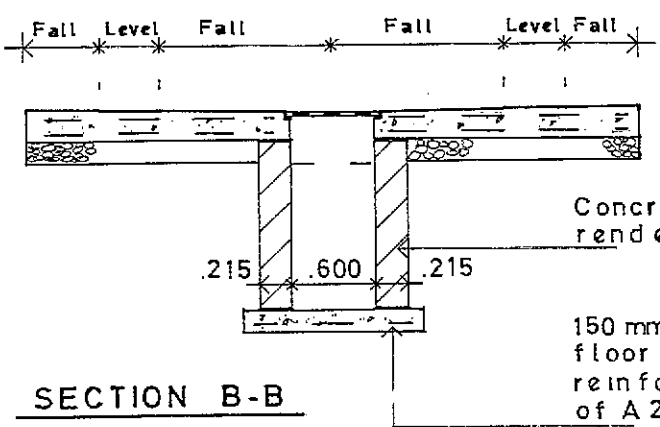
SECTION A-A

mm. dia. gunmetal air supply.  
 37 mm. dia. 'Hydrodare' water supply.  
 50 mm. dia. electrical duct.



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y.

grade 30)  
lls on  
rdcore.  
nd bottom



Ryan O'Brien Handy Associates  
 Architects & Designers

38 Percy Place, Dublin 4 (01) 680661/680899

Job Title

**CONOCO**

Revisions

Date **May 1988**

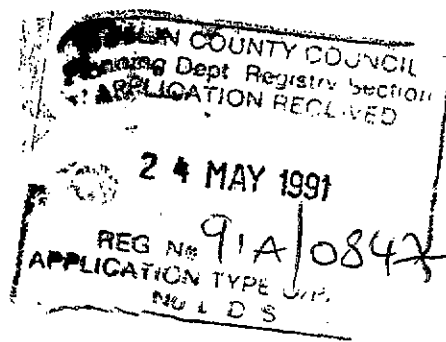
Scale

Drawing title

**WASH SLAB DETAILS**

Drawing no

**600 / 11 . B.**



DRAFT BUILDING REGULATIONS

It is the practise of this office to take account of the Draft Building Regulations as issued by the Minister for the Environment in the design of buildings but this is not to be interpreted as a guarantee that the provision of the Draft Building Regulations have been implemented in full or in any particular respect in this proposal.

RYAN O'BRIEN HANDY ASSOCIATES,  
Architects & Designers,  
38 Percy Place,  
Dublin 4.

OUTLINE SPECIFICATION

for

THE DEVELOPMENT

of

A NEW PETROL FILLING STATION

at

TYMON/BALROTHERY DISTRIBUTOR ROAD,  
TYMON NORTH,  
TALLAGHT,  
DUBLIN 24.

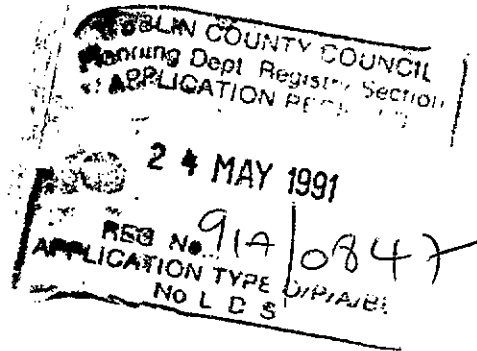
for

MR. R. MARTIN

under the supervision of

RYAN O'BRIEN HANDY ASSOCIATES

May 1991



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O'Brien  
Handy  
Associates

6 Percy Place  
Dublin 4

Telephone 680 899  
Facsimile 680 089

111 Wellington Street  
Luton LU1 5AF

Partners  
Denis Handy  
DIP ARCH MR/IAI MSDI  
John McCarthy  
DIP ARCH MR/IAI MSDI  
Associates  
Denis Whelan  
RIAI (TECH)  
Kenneth McEwan  
BSc (HONS)  
Noel Doyle



- 1 All work is to be carried out strictly in accordance with the Requirements and Regulations of the Local Authority, Building Bye-Laws, Draft Building Regulations and Fire Officer.
- 2 All material to be used to be of Irish manufacture and to I.S.S. where applicable and to be the best of their respective kind.
- 3 All Local Authority charges, i.e. water supply connections, drainage connections, - E.S.B. and Bord Telecom Charges Will be paid by the Client or be refunded by the Client to the Contractor should the Contractor pay same so as to avoid unnecessary delays.
- 4 It will be the responsibility of the Contractor to inform the Building Control Department with due notice when the foundation trenches, drains, etc., are ready for inspection.
- 5 The Contractor is to include for making good all surfaces where disturbed to match existing finishes after the completion of all works.
- 6 The Contractor is to include for removing all rubbish from the site and to leave the site in a neat and clean condition after the completion of all works.
- 7 As petrol and diesel oil will be stored and dispensed on this site, safety is paramount. It is the responsibility of the Contractor to take all precautions necessary while carrying out the works. No welding, cutting of mesh, etc., is to be carried out in the vicinity of the underground tanks or petrol pumps. Contractor to consult with Architects and pipework specialists regarding the positions of pipework, electrical ducts, etc., before any excavation work is carried out. Before any work commences, Contractor to agree the safety standards necessary with the Architects and Client.
- 8 Contractor is to include for building all manhole chambers with 225mm solid concrete blocks (approx. size 900 x 750 x 950 mm deep). The walls and floors of these chambers to be rendered with 3 no. coats sand and cement. The rendering is to be finished neatly around all pipework and tank manlid.
- 9 The E.S.B. supply to the site is to be brought to the new building in an underground duct where a fuseboard, meters, isolation switches, etc. will be installed in the store. All wiring on the site to the pumps, canopy, sign, lights, etc. are to be laid in 100mm diameter 'Wavin' ducts, 300mm minimum below ground level with adequate inspection chambers and drawpits. All electrical work is to be carried out strictly in accordance with the most recent E.S.B. Regulations and Requirements.
- 10 Contractor to include for taking 3 no. connections (25mm hydrodare) from main supply - 1 no. to the new services island, 1 no. to the car wash position and 1 no. to the new building as indicated on the drawings. Include for 25mm full way stop valves on all connections. Pipes to be 450mm minimum below ground level.
- 11 Contractor is to include for installing 1 no. concrete (Grade 30) car wash slab laid to falls on 150mm consolidated hardcore in accordance with detail drawing no: 600/11B in the positions shown on drawing no: 3225/02 & 04.
- 12 The Specialist Firms will erect the car wash machinery and connect the water supplies, electrical wiring and air lines.
- 13 Contractor to include for new planting areas around the new services island and boundary walls as indicated on drawing no. 3225/02.
- 14 Contractor to include for cleaning out and rotavating all planting areas and for the supply and installation of 150mm additional top soil to all areas. All areas to be rolled and seeded with top quality grass seed.
- 15 The new surface water drains on the site are to be installed in accordance with the layout drawing. Drains generally to be PVC ('Wavin' or similar) to sizes indicated and to be laid in trenches in straight lines to the required depth and falls. All joints are to be made in strict accordance with the manufacturer's instructions. All drains are to be laid on a minimum 150mm concrete (Grade 12) bed and encased in 150mm concrete (Grade 12). The trenches are to be back-filled in layers, the material being carefully rammed to consolidate it, care being taken not to damage the pipes and joints. All drains to be water tested for leaks in accordance with CP301.

- 16 Manhole chambers on the surface water drains to be constructed with 225mm solid concrete blocks rendered with 3 no. coats sand and cement waterproof rendering internally; half round channels formed with easy bends with sand and cement benching to sides. Provide and fit step irons in chambers if necessary. Provide and fit heavy duty cast iron covers and frames bedded in grease.
- 17 All A.J.'s to be PVC (Wavin or similar). Provide 250 x 250mm PVC square rising pieces up to ground level, and finish at top with 275 x 275mm galvanised cast iron covers and frames set in cement mortar and sealed in grease. All A.J.'s to be set on bed of concrete 150mm thick (concrete grade 12).
- 18 Contractor to supply and install PVC gulley traps where shown on drawings.
- 19 The Contractor is to supply and install two prefabricated Conder petrol interceptor traps in accordance with the Manufacturer's instructions, as per detail drawing no. 600/6, on the foul water drain where indicated on the drawings and at the car wash outfall. The contractor is to supply and install 3 no. 100mm diam. p.v.c. vent pipes to the chambers of the interceptor which are to be joined together underground and 1 no. 100mm diam. PVC pipe to be brought underground to an agreed position on site, up to ground level. A Specialist Firm will supply and fit the upright section above ground. The Contractor is to supply and fit 3 no. heavy duty manhole covers and frames over the 3 no. interceptor chambers.
- 20 The Contractor is to provide and install new 'ACO' drainage channels type C 250 and new 'ACO' silt gulleys where indicated on the drawings.
- 21 New foul drains indicated are to be installed strictly in accordance with the drawings and as described previously for Surface Water Drains in Clause No.
- 22 Manhole chambers on foul drain to be constructed with 225mm solid concrete blocks rendered inside and outside with 3 no. coats sand and cement waterproof rendering, half round channels formed with easy bends with sand cement benching at 1:12 to sides. Provide and fit step irons to chambers as necessary and provide and fit heavy duty cast iron covers and frames, sealed in grease.
- 23 All A.J.'s to be installed as previously described in Clause No. . 17
- 24 Provide and fit PVC gulley traps where shown.
- 25 Contractor to include for building a new (last) manhole chamber on the foul drain where indicated on the drawing. Manhole chamber to be constructed as previously specified. Include for dispersion interceptor trap and fresh air inlet on this manhole chamber.
- 26 Contractor to include for 150mm minimum of well consolidated hardcore under all new ground surfaces.
- 27 The forecourt area under the canopy is to be surfaced with concrete paving setts laid in strict accordance with the manufacturer's instructions and specification.
- 28 The remainder of the forecourt, as indicated, shall be tarmacadam (as specified on drawing no. 3225/02) or 250mm deep reinforced concrete (grade 20) laid to falls as detailed on drawing no. 3225/04.
- 29 A new canopy is to be erected on site in position indicated on drawing. The canopy, with illuminated fascias on three sides, is to be fabricated, supplied and erected by a specialist firm. The canopy shall be constructed with R.H.S., steel stanchions, steel intermediate members with aluminium top sheeting, soffit sheeting and steel fascias.
- 30 5 no. new underground storage tanks (5.33 x 2.74m x 4 no. and 6.30 x 2.00m x 1 no.) are to be installed strictly in accordance with detailed drawing no. 600/16C. The tops of these tanks will be approx. 1m. below finished ground level but the Contractor should check with the Specialist Firm who will be fitting out these tanks as to the exact depth required for the tanks in relation to the proposed new ground level.
- 31 When the chambers for the petrol storage tanks are excavated and the bottom concrete slabs are cast (sulphate resisting concrete grade 20 - Contractor to ensure that these slabs are level), the Contractor is to inform the local Fire Officer so that he can inspect the pits before the tanks are installed. Generally two days clear notice is required but a week's approx. notice is advised so as to avoid any unnecessary delays.

When the Contractor has installed the tanks in the chambers, ensuring that they are perfectly level, he is to arrange to have the tanks filled with water before the tanks are encased in sulphate resisting concrete (Grade 20) so that water hydraulic pressure tests can be carried out on the tanks by a Specialist Firm in compliance with the Dangerous Substances Act. The Contractor is to give due notice to the Architect as to when the tanks are to be ready for the tests so the tests can be arranged with the least disruption to the progress of the works. Generally the Fire Officer will witness these tests and he must be given two days clear notice. The tanks are to be encased in concrete while the water is in the tanks. The Contractor is to include for emptying the water out of these tanks where advised to do so by the Specialist Firm who will be fitting out these tanks.

- 33 The Contractor is to include for all necessary shuttering and form-work so that these tanks can be encased in concrete as per detailed drawing.
- 34 A Specialist Firm will fit out the new tanks, lay all the associated pipework to the pumps, including vent lines and off-set fill lines, etc.
- 35 The Contractor is to include for 6 no. manhole chambers over the tanks (approx. size 750mm x 900mm x 900mm deep). The exact size of the manhole chambers and the position of same to be decided on site. The heavy-duty cast iron frames and covers for the manholes over the new tanks will be supplied but the Contractor is to include for fitting same.
- 36 All manhole chambers are to be built after all the pipework has been completed. The chambers are to have 225mm concrete block walls, rendered internally and externally with 3 no. coats sand and cement rendered neatly around the pipework. The floors of these chambers (which are below the tank lids) shall be finished with concrete Grade 12 and sloped to drainage outlets.
- 37 Before the pipework can be covered up, all pipe lines will be tested by the Specialist Firm who will inform the Fire Officer so that the tests can be witnessed. The pipelines are to be encased in 150mm washed sand all round.
- 38 The new shop/store building is to be built strictly in accordance with detail drawings nos. 3225/06 & 07, and Structural Engineer's drawings.
- 39 Foundations to be constructed as per details on drawing no. 3225/07, concrete grade 20. Footings to be reinforced top and bottom with A252 mesh.
- 40 New external walls to be 400mm cavity wall with 100mm split fluted WHITE Forticrete Masonry blocks (400 range) outer leaf as per detail drawing, with matching WHITE Forticrete cill block details at plinth, around and over projecting window head band as shown with matching WHITE Forticrete parapet copings; 100mm cavity with 50mm rigid insulation board fixed against inner leaf with 100mm solid concrete block inner leaf to suit Forticrete modular dimensions (400 range). Carry round the split fluted face around all window and door opens (to face of frames). Cavity wall ties to be used at no less than 4 no. per sq.m. with ties at openings, ensuring that all mortar droppings are cleaned off the ties and out of the cavity.
- 41 All internal walls to be 225mm or 100mm solid concrete block as indicated.
- 42 All walls to be plastered internally with 12mm hardwall plaster and skim.
- 43 New roof to be constructed using one layer of solar reflecting stone chippings on 'Derbigum SP' roofing membrane on a base layer of 25mm thick 'Korktherm' thermal insulation on approved vapour barrier on 12mm of roofing grade chipboard on 175 x 38mm timber joists at 350mm centres on 254 x 146 x 43kb. universal beam.
- 44 All flashings generally to be No. 5 lead flashing.
- 45 Floors to consist of a levelling screed on 150mm thick concrete (grade 20) floor slab on 1000 gauge 'Visqueen' DPM on 50mm sand blinding on 150mm well consolidated hardcore.
- 46 Floor in Fuel Store to have a screed finish.
- 47 Include for 1000 gauge visqueen DPC's where shown on drawings.

Lintols generally to be prestressed concrete units, used strictly in accordance with manufacturer's instructions or as per details shown on the drawings.

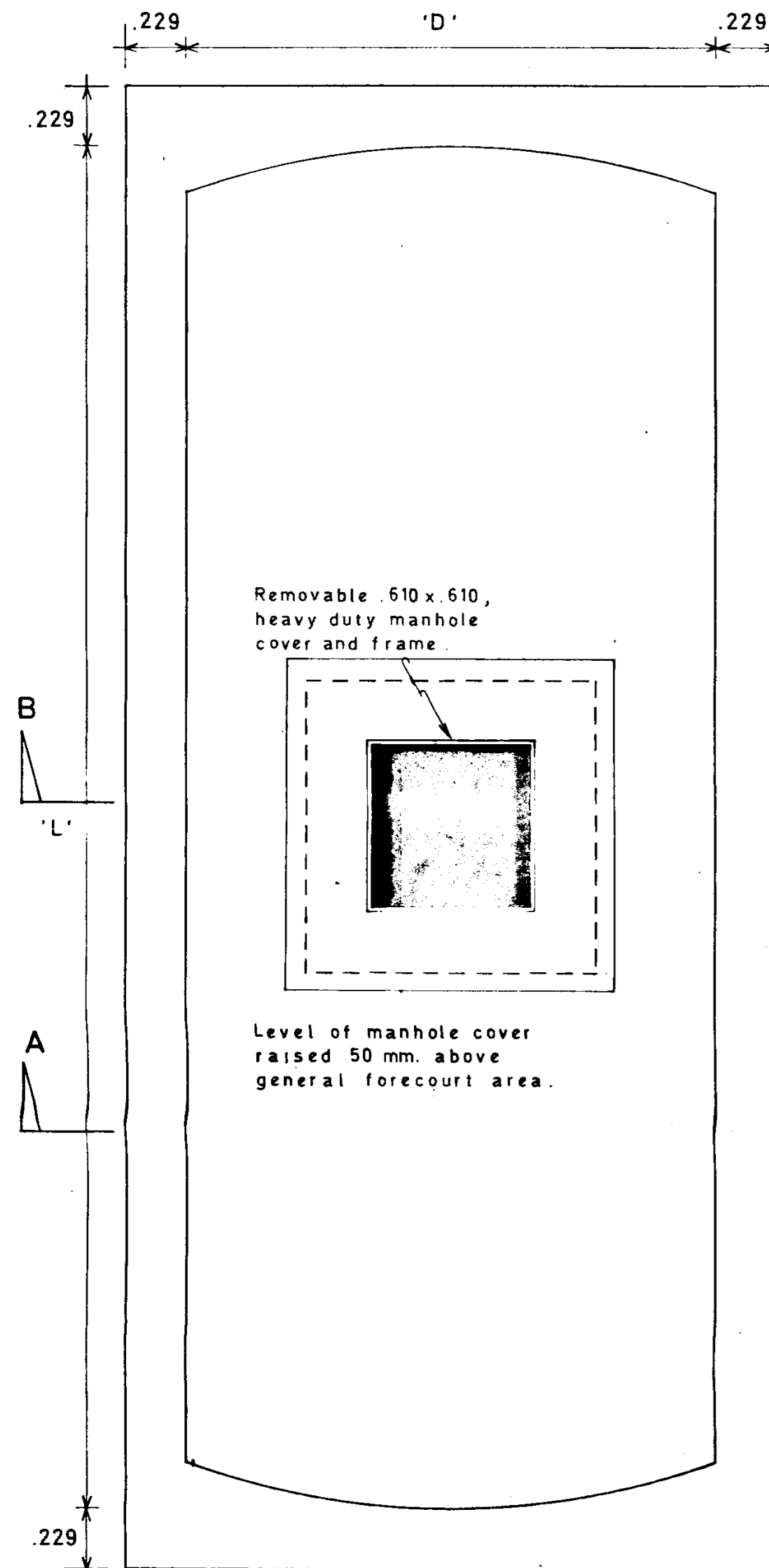
- 49 Concrete beams at the front and sides of the building to be cast insitu (grade 30) as per detail on drawing no. 3225/06 and 600/89 and in accordance with engineers details and specification.
- 50 Front and side faces of building to consist of aluminium framed shopfronts as shown. Entire shop fronts, including main door to be aluminium coated with white PVC or white syntha pulvin finish. Framing to be 'shopfront type' box section or similar. Glass in windows AND door to be 12.5mm laminated plate glass.
- 51 External doors and frames to Store and External Toilet to be steel - Martin Roberts Guardian Standard doorsets. Hinges to be standard recessed BH1 - 100mm x 75mm x 26mm template drilled butt hinges - 3 hinges per door. Doors to Store to have a PH73 panic bolt set and door to toilet to have a MKC 241 upright mortice cylinder sash lock.
- 52 Door and frame from shop to lobby to be standard 1 hour fire check door.
- 53 All other internal doors and frames to be standard flush plywood finished doors.
- 54 Doors to Fuel store to be steel - Martin Roberts Guardian Standard Doorsets as previously specified - overall size 2000 x 2100 approx. - exact type to be decided on site.
- 55 Include for providing and fitting 100 x 200mm selected wall tiles to a height of 1.65m around all walls in kitchen, toilets and ventilated lobby. Wall tiles to be carried down to floor level.
- 56 Provide and fit 100 x 23mm skirtingboards around all walls in building except areas which have wall tiles, where the wall tiles are to be carried down to the floor.
- 57 Provide and fit 225 x 225mm air vents where shown.
- 58 The Nominated Electrician will supply and fit 1 no. mechanical air extract fan in the kitchen
- 59 Contractor to include for a suspended ceiling - 'Armstrong - Microlook Image - 600 x 600 x 17mm white tiles' in the shop area and 'Armstrong - Minuboard 600 x 600 x 17mm white tiles' in ALL other areas. Suspended ceilings to be supplied and installed by a specialist firm.
- 60 Provide and fix PVC soil and vent pipe where shown.
- 61 Rainwater gutters to be an approved 125mm aluminium gutter. R.W.P.'s to be 100mm diameter PVC.
- 62 The Contractor is to locate the existing water supply in the footpath. Include for bringing a 25mm hydrodare connection into the building to a water storage tank which is to be located in Store.
- 63 Provide and fit an 80 gallon fibreglass storage tank (with overflow pipe) on iron angle bearers in Store - exact location to be decided on site. Include for insulating tank and encasing tank with removable timber sheeting. Include for ball cock mechanism and overflow pipe.
- 64 Contractor to include for the supply and fitting of 2 no. Vitreous china low level w.c. suites with overflow pipes and 2 no. 300 x 500mm (approx.) Vitreous china wash hand basins each including 2 no. taps in the toilets.
- 65 Include for the supply and installation of 1 no. standard stainless steel sink and base unit with presses under.
- 66 Include for taking 1 no. 12mm spur for drinking water off rising main to the sink unit in the kitchen.
- 67 Include for the following fullway stop valves - 25mm on service entry to the building; 12mm on spur to sink unit, the 2 no. w.c.'s, the 2 no. cold water taps on w.h.b.'s
- 68 Include for bringing 12mm supply pipes from the water storage tank to each of the w.c.'s, the cold water taps on the w.h.b.'s and 3 no. electric undersink water heaters. The nominated Electrician will supply and fit undersink water heaters. As some undersink water heaters require connections from the rising main rather

than the tank, Contractor should check with the Electrician before installing the pipework. Provide and fit 12mm pipes from undersink water heaters to hot taps at both w.h.b.'s and sink unit.

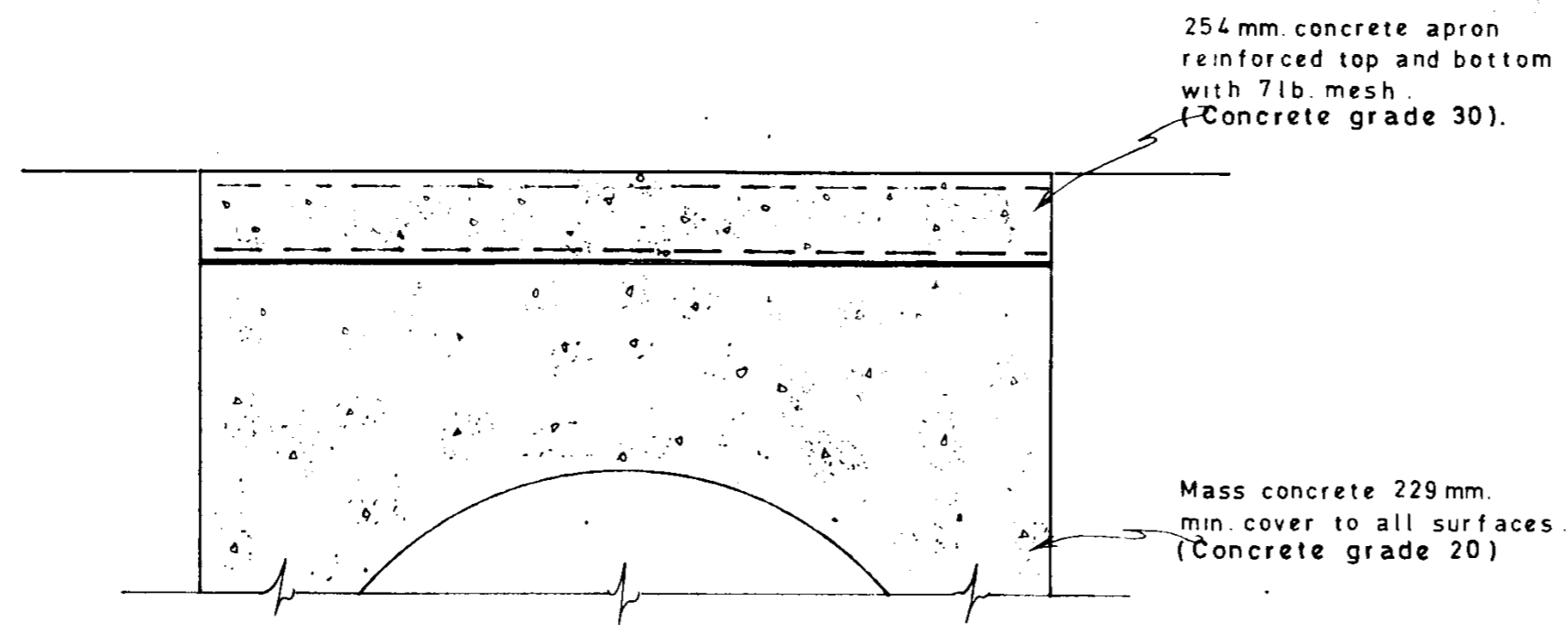
- 69 Dry powder fire extinguishers and 'No smoking - turn off engine' - signs are to be provided on the forecourt as required by the Dangerous Substances Act and the Fire Officer's requirements. The positions in which the petrol tanker will stand while filling the underground storage tanks must also be marked on the concrete apron.
- 70 Existing boundary wall to be cleaned down and rendered with three coats of sand/cement plaster, finished smooth and painted with approved masonry paint.
- 71 New boundary walls to be built using hollow concrete blocks to heights specified on drawing no. 3225/02. Walls to have concrete (grade 20) reinforced strip foundations with piers at 4.00m. centres and vertical expansion joints at 6.00m. centres. All blockwork to comply with I.S. 20. Walls to be capped with precast concrete copings on polythene damp proof course. Walls to be rendered with three coats of sand/cement plaster, finished smooth and painted with approved masonry paint.
- 72 All surfaces are to be made good after the completion of all works and all rubbish is to be carted away and the site left in a neat and clean condition.

RYAN O'BRIEN HANDY ASSOCIATES

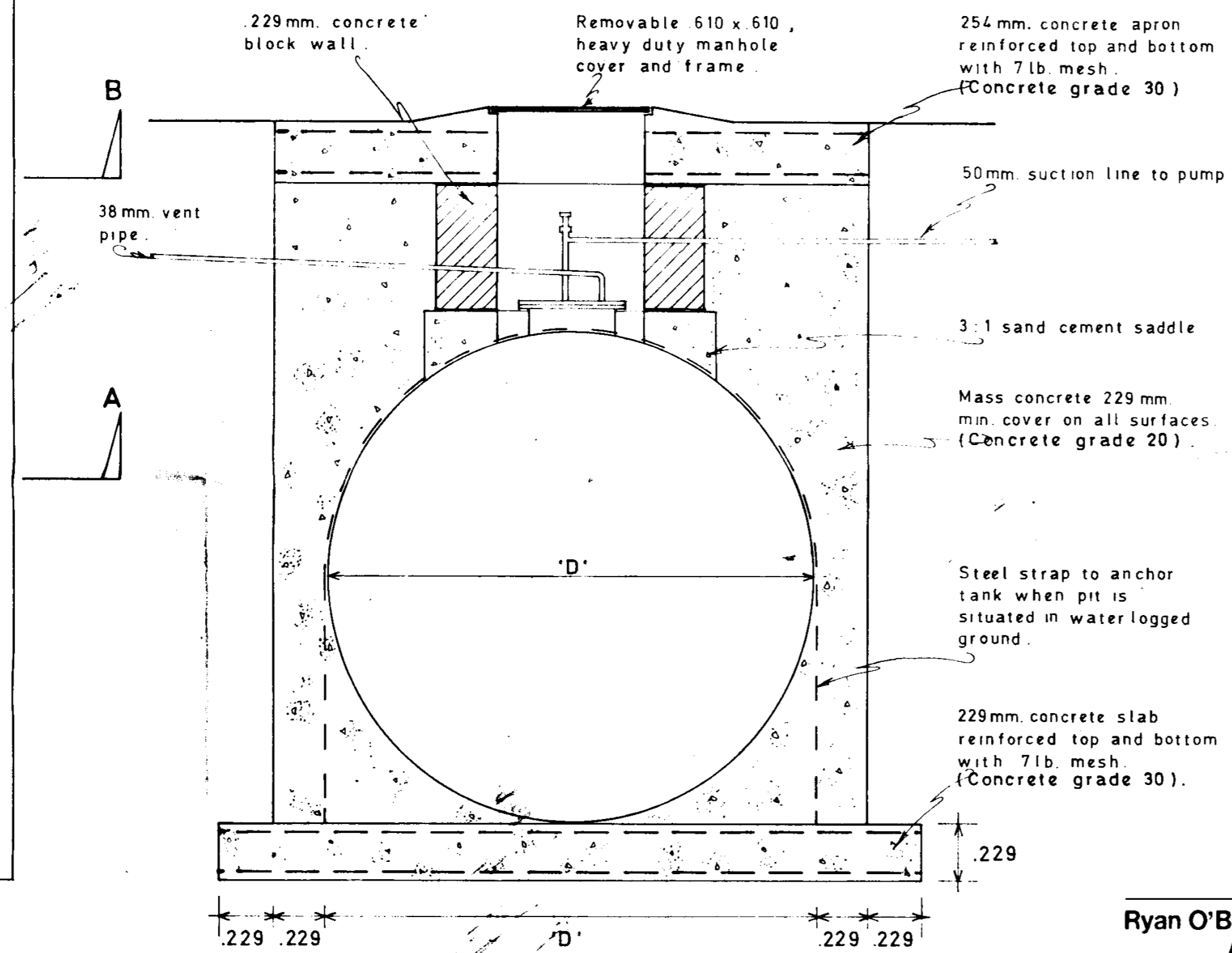
May 1991



PLAN



SECTION A-A



SECTION B - B

NOTES

- 1). When the chamber has been excavated and the bottom reinforced concrete slab cast, it will be the contractors responsibility to inform the Fire Officer so that the chamber can be inspected before the tank is installed.
- 2). The tank is to be encased in mass concrete 229mm. minimum cover on all surfaces.
- 3). All pipework, vent pipes, connections etc. to be carried out by a specialist firm.
- 4). The contractor is to include for attendance to specialist firm in digging trenches, making good ground surfaces etc.
- 5). The contractor is to supply and fit heavy duty manhole covers and frames as specified.

REG. NO. 111084  
 APPLICATION TYPE: OP/PL/BB/1  
 NO. L.D.S.  
 24 MAY 1981  
 RECEIVED  
 ARCHITECTS & DESIGNERS  
 RYAN O'BRIEN HANDY ASSOCIATES

Capacity - gals.	Approx. tank weight	Diameter 'D'	Length 'L'
600	1/2 ton	1.372	2.108
1000	1 ton	1.372	3.327
1500	1 1/2 tons	1.981	2.591
2000	1 1/2 tons	1.981	3.327
2500	1 3/4 tons	1.981	4.046
3000	2 tons	1.981	4.826
4000	2 1/2 tons	1.981	6.299
5000	2 3/4 tons	1.981	7.798
6000	3 1/2 tons	1.981	9.296
7500	4 1/2 tons	2.743	6.858
10000	4 3/4 tons	2.743	8.585
12000	5 1/2 tons	2.743	9.906
6000	3 1/2 tons	2.743	5.334

Ryan O'Brien Handy Associates  
Architects & Designers

18 Rathfarnham Village Dublin 14. (01) 904171  
37 Dublin St. Carlow Co. Carlow (0503) 42043

Job Title

**CONOCO**

Revisions 'C' Level of mh. cover raised. (oct '82)

Date Jan. 1981

Scale 1:20

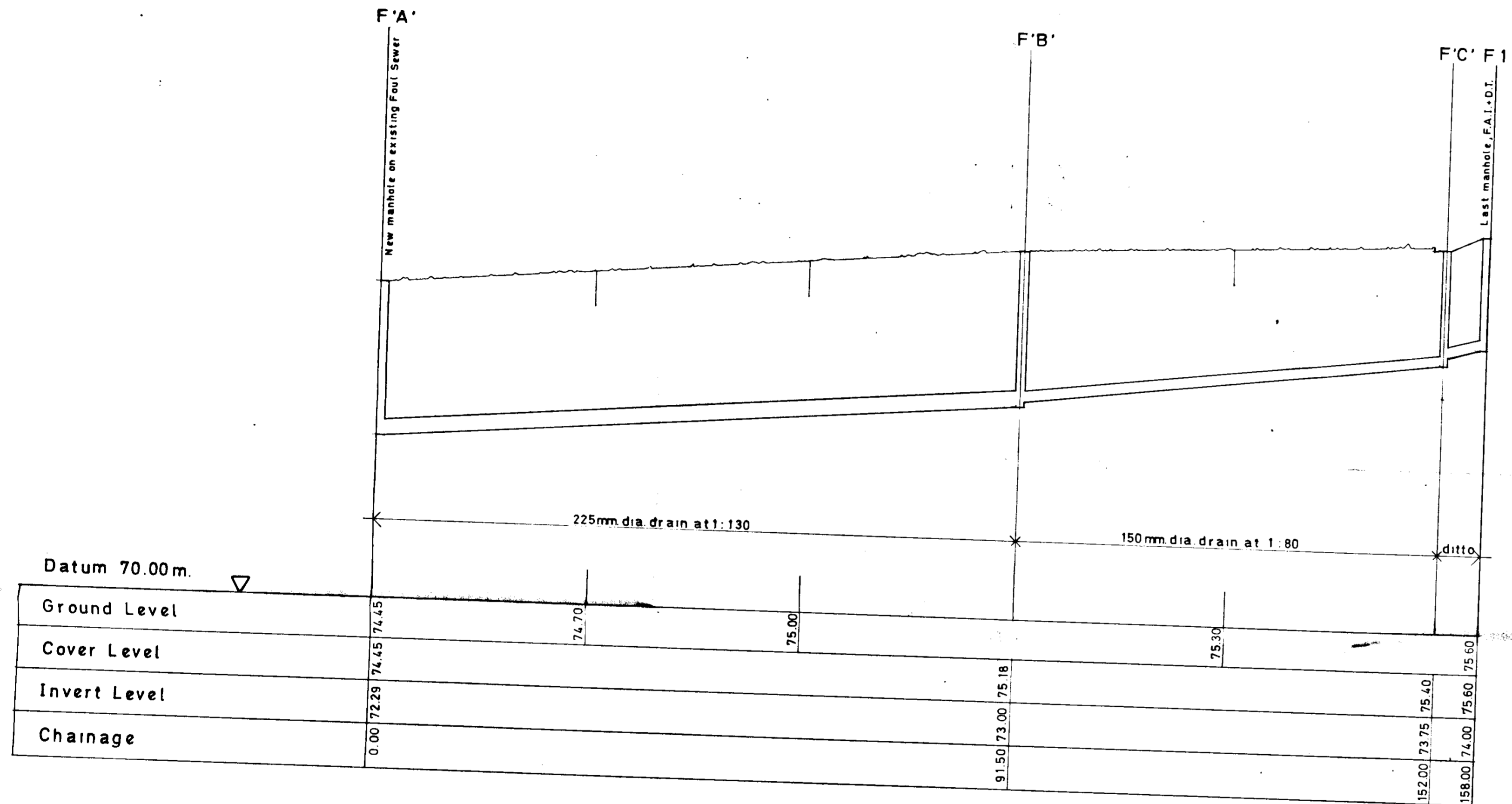
Drawn ND.

Drawing title

UNDERGROUND STORAGE TANK  
INSTALLATION DETAILS

Drawing no

600 / 16 c.



2 MAY 1991  
 918847  
 100 L.D.S.  
 100 L.D.S.  
 100 L.D.S.

Foul drainage section between existing foul sewer MH.F.A' and last foul manhole on site MH.F1.

**NOTES**

- 1). All works shall be carried out with the approval of Dublin County Council, Sanitary Services Department.
- 2). All drains to have 150mm. minimum concrete (grade 12) bed and surround.
- 3). Foul and Petrol Contammated manholes to be rendered both inside and outside.
- 4). Heavy duty manhole covers and frames used throughout. Covers and frames to comply with B.S. 497.
- 5). This drawing to be read in conjunction with drwg. no.s 3225 / 04&05

Mr. R. Martin

Revisions: \_\_\_\_\_ Date: May 1991

Scale: Horiz. 1:500/Vert. 1:50

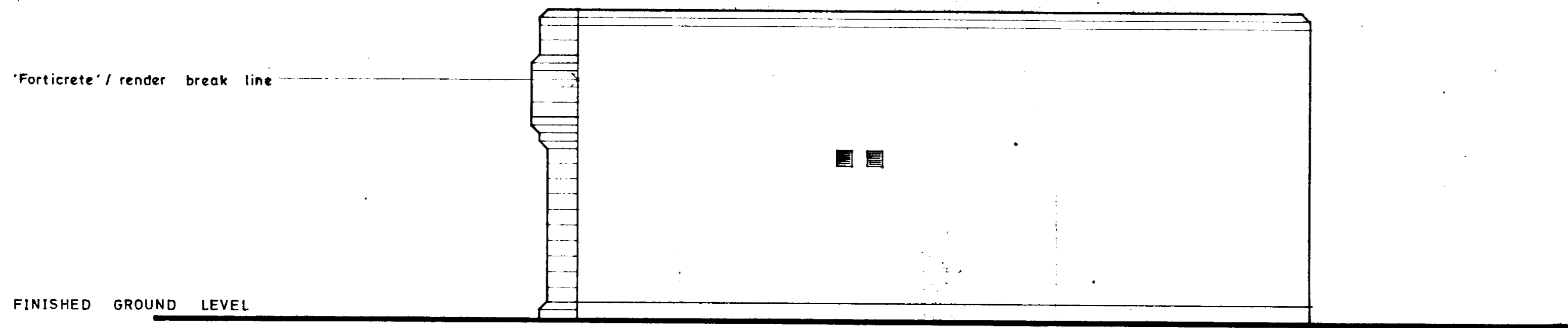
Use only figured dimensions

Drawing Copyright ©

Petrol Filling Station,  
Tymon/Balrothery Road, Dublin 24.

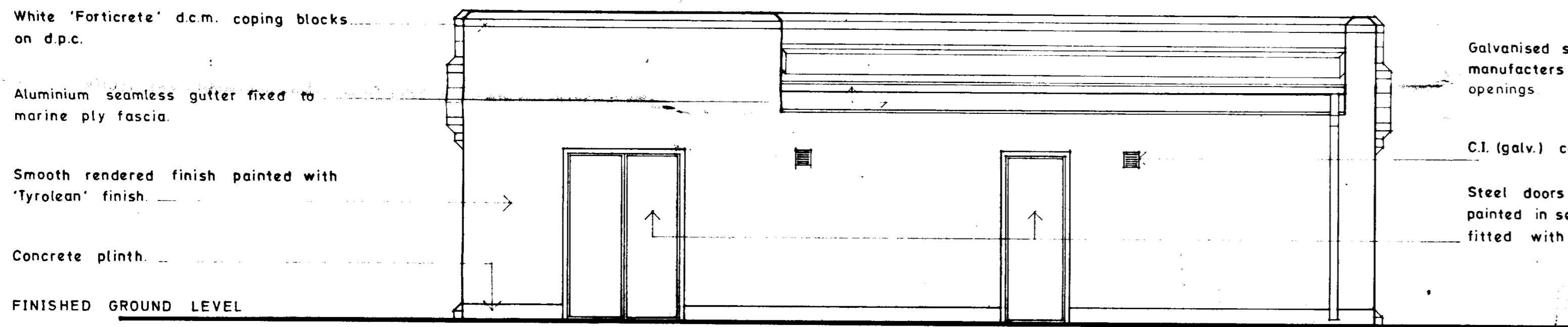
Drawing no. 3225 / 07.

**ROBH**  
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 O'Brien  
 Hendy  
 Associates  
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SIDE ELEVATION

24 MAY 1991  
 REG. NO. 91A0847  
 APPLICATION TYPE QP/BB  
 NO. L.D. 5



REAR ELEVATION

White 'Forticrete' d.c.m. coping blocks on d.p.c.

Aluminium seamless gutter fixed to marine ply fascia.

Smooth rendered finish painted with 'Tyrolean' finish.

Concrete plinth.

FINISHED GROUND LEVEL

Galvanised steel lintol installed to manufacturers details over structural openings

C.I. (galv.) cover to vent.

Steel doors and frame primed and painted in selected colour. Door to store fitted with approved panic bolt.

Mr. R. Martin

Revisions:

Date: May '91

Scale: 1:50

Use only figured dimensions.

Drawing Copyright ©

Petrol Filling Station,  
Tymon/Balrothery Rd., Dublin 24.

3225 / 06B

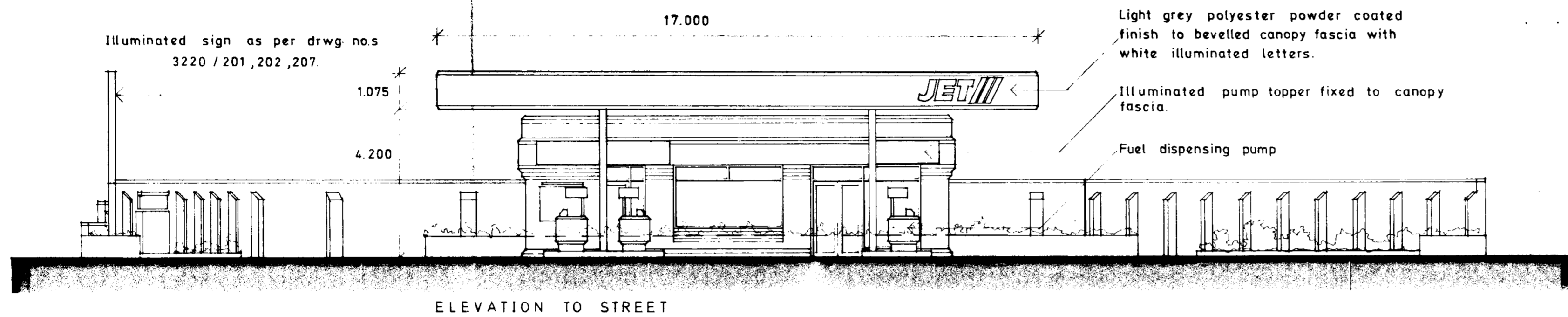
Drawing no.:

**ROBH**

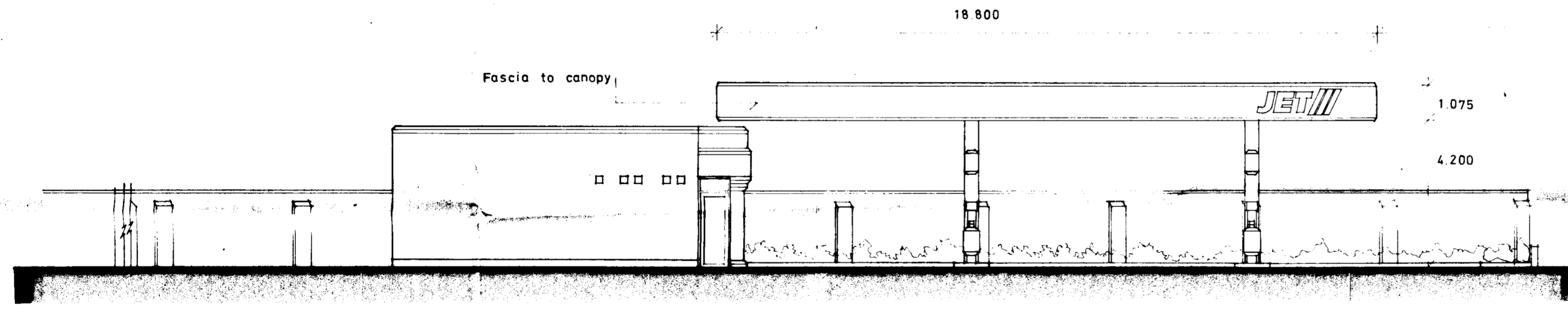
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Telephone 680 899  
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ELEVATION TO STREET



SIDE ELEVATION

DUBLIN COUNTY COUNCIL  
 Planning Dept. Registry Section  
 APPLICATION RECEIVED  
 24 MAY 1991  
 11A/0894  
 REG. NO. 11A/0894  
 APPLICATION TYPE: DRAUGHTSMAN  
 APPLICATION NO. L.D.S.

Mr. R. Martin

Revisions: \_\_\_\_\_ Date: May '91

Scale: 1:100

Use only figured dimensions. Drawing Copyright ©

Petrol Filling Station,  
Tymon/Balrothery Rd., Dublin 24

Drawing no.: 3225 / 03

**ROBH**

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O'Brien  
Handy  
Associates

6 Pers. Place  
Dublin 4  
111 Wellington Street  
Luton-LU1 5AF  
Telephone 680 899  
Facsimile 680 089

'Verticrete' coping block (400 range) on polythene d.p.c.

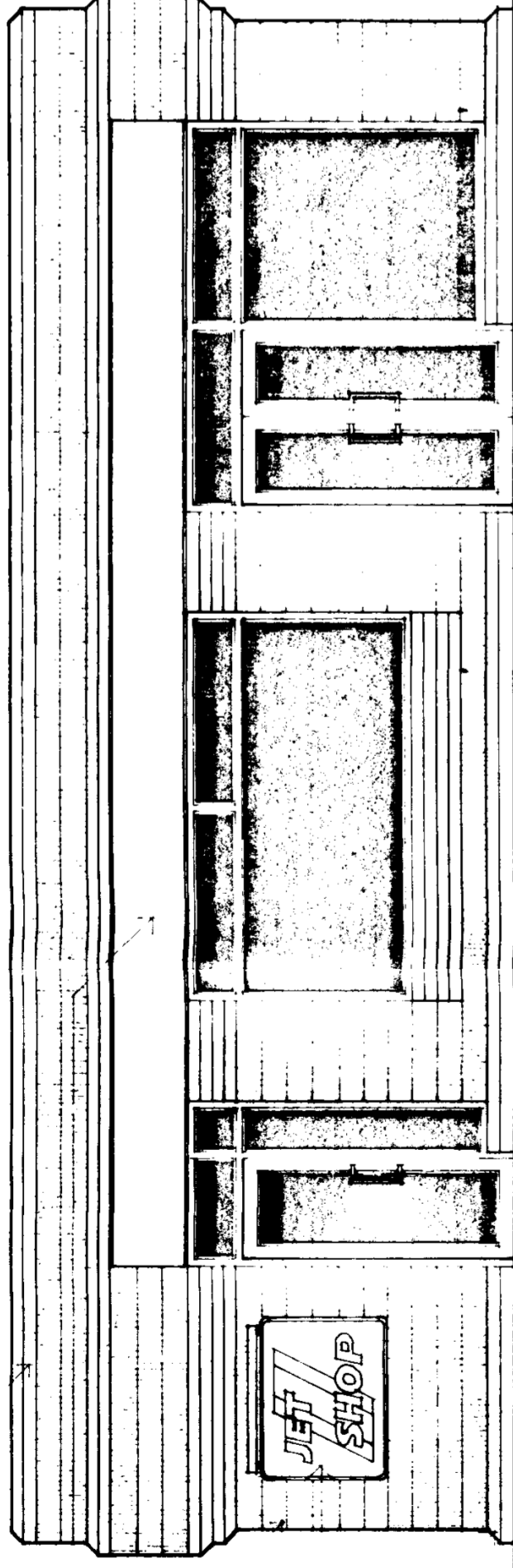
Non-illuminated pressed aluminium sign.

White 'Verticrete Split-Faced' dense concrete masonry outer cavity leaf.

Illuminated sign supplied and fitted by specialist firm.

'Verticrete' cill block.

FINISHED GROUND LEVEL.



FRONT ELEVATION

White 'Verticrete' 4 c.m. coping blocks on d.p.c.

Smooth rendered finish, painted with 'Tyrolean' masonry paint.

Concrete plinth.

Line of proposed canopy.  
Renders/'Forticrete' break line. Joint filled with approved mastic sealant.  
Aluminium window/door frame with white 'Syntha Pulvin' finish.  
Permanent open glazed section doors, C. and Attendant 2 room doors.  
White 'Alucobond' panel fitted to w.c. door.

SIDE ELEVATION

ROOF CONSTRUCTION:- One layer of solar reflecting stone chippings on 'Berbigum SP' roofing membrane on base layer of 25mm thick 'Korktherm' insulation on top of approved vapour barrier. Roofing chippings chipboard on 15mm thick timber joists at 300mm centres on 254 x 146 x 43 kg universal beams.

No. 5 lead flashing dressed over 'Korktherm' angle fillet.

Aluminium seamless gutter fitted to a marine ply fascia.

All blockwork to comply with I.S. 20.

Aluminium rainwater pipe.

'Styrofoam' rigid thermal insulation board fixed to inner cavity leaf.

10mm hardwall plaster finish to internal face.

Damp proof course, 150mm min. over finished ground level.

Solid blockwork only below finished ground level.

Cavity filled with concrete (Grade 10) below ground level.

Foundations to be concrete (Grade 20) reinforced top and bottom with #252 steel mesh.

Galvanized steel block installed to structural openings.

Steel door and frame. Door to be fitted with an approved panic bolt.

215mm solid concrete block wall to Fuel Store, rendered both sides and capped with 'Tyrolean'.

Steel doors and frame primed and painted in selected colour.

150mm concrete floor slab (Grade 20) to Fuel Store.

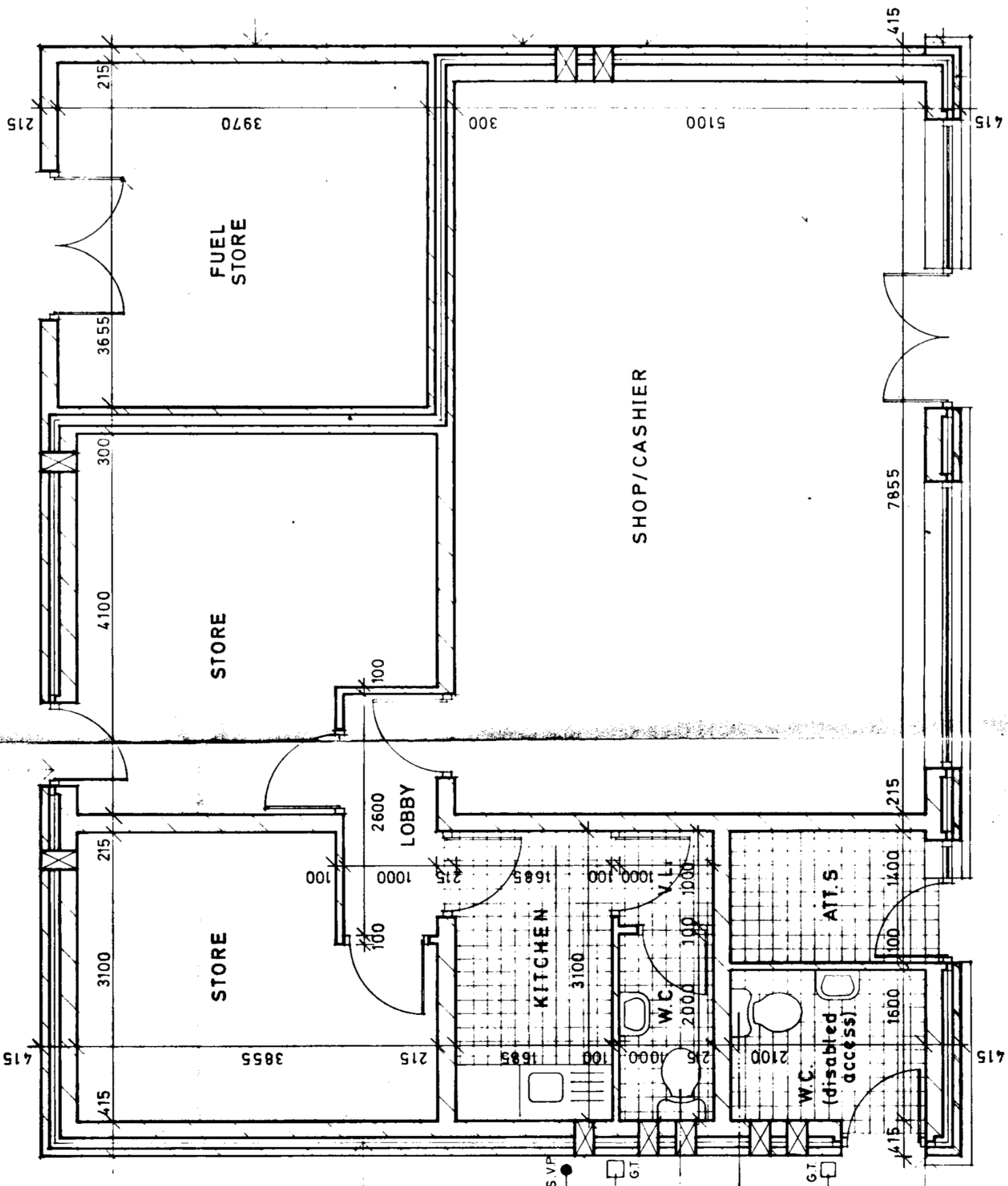
100mm solid concrete block leaf, 100mm insulated cavity, 215mm hollow concrete block inner leaf.

Rear and side walls rendered externally with two coats of 'Tyrolean' masonry paint.

SHOP FLOOR:- selected clay floor on concrete (Grade 20) floor slab on 1000 gauge 'Viqueen' c.p.m. on 50mm sand bedding on 150mm consolidated hardcore.

Line of 'Verticrete' cill blocks at ground level.

White 'Verticrete split-faced' dense concrete masonry (400 range) outer cavity leaf 100mm thick, 100mm insulated cavity, 215mm concrete block inner cavity leaf.



PLAN

Vertical damp-proof course to all cavity closures.

All internal walls to be solid concrete block. Blockwork to comply with I.S. 20.

Not less than 4 no. wall ties per sq.m. between cavity leaves, with minimum 40mm gap at all structural openings.

'Styrofoam' rigid thermal insulation board fixed to inner leaf of cavity.

C.I. (galv.) covers to vent opening.

New Four manhole

Renders/'Forticrete' break line.

FINISHED GROUND LEVEL.

SECTION

REVISIONS:  
DATE: 24 MAY 1981  
BY: [Signature]  
APP'D: [Signature]

Mr. R. Martin

Date: May '91

Scale: 1:50

Drawing no. 3225/06

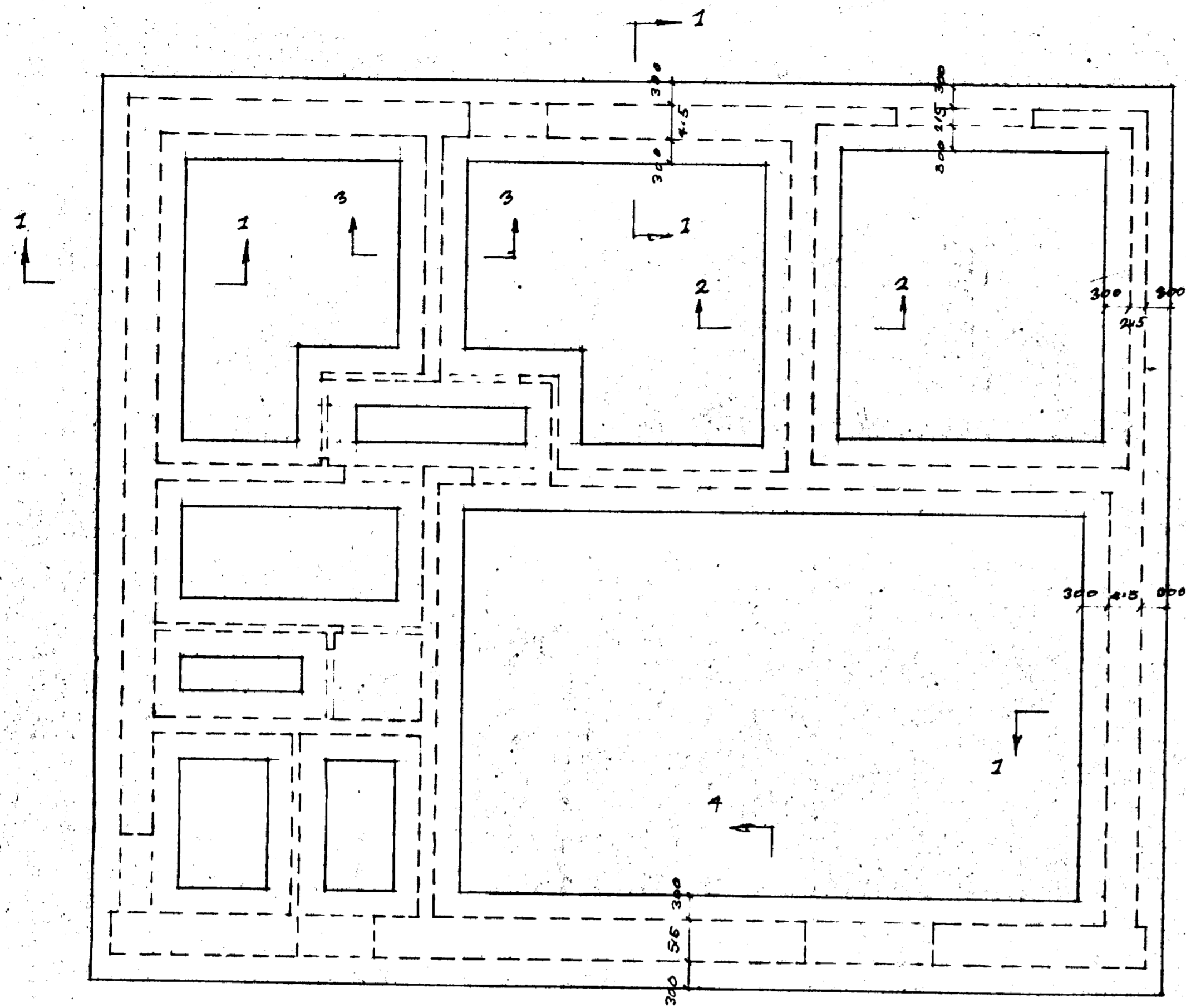
Drawing no. Petrol Filling Station, Tymon / Baitrobery Rd., Dublin 24.

ROBHB

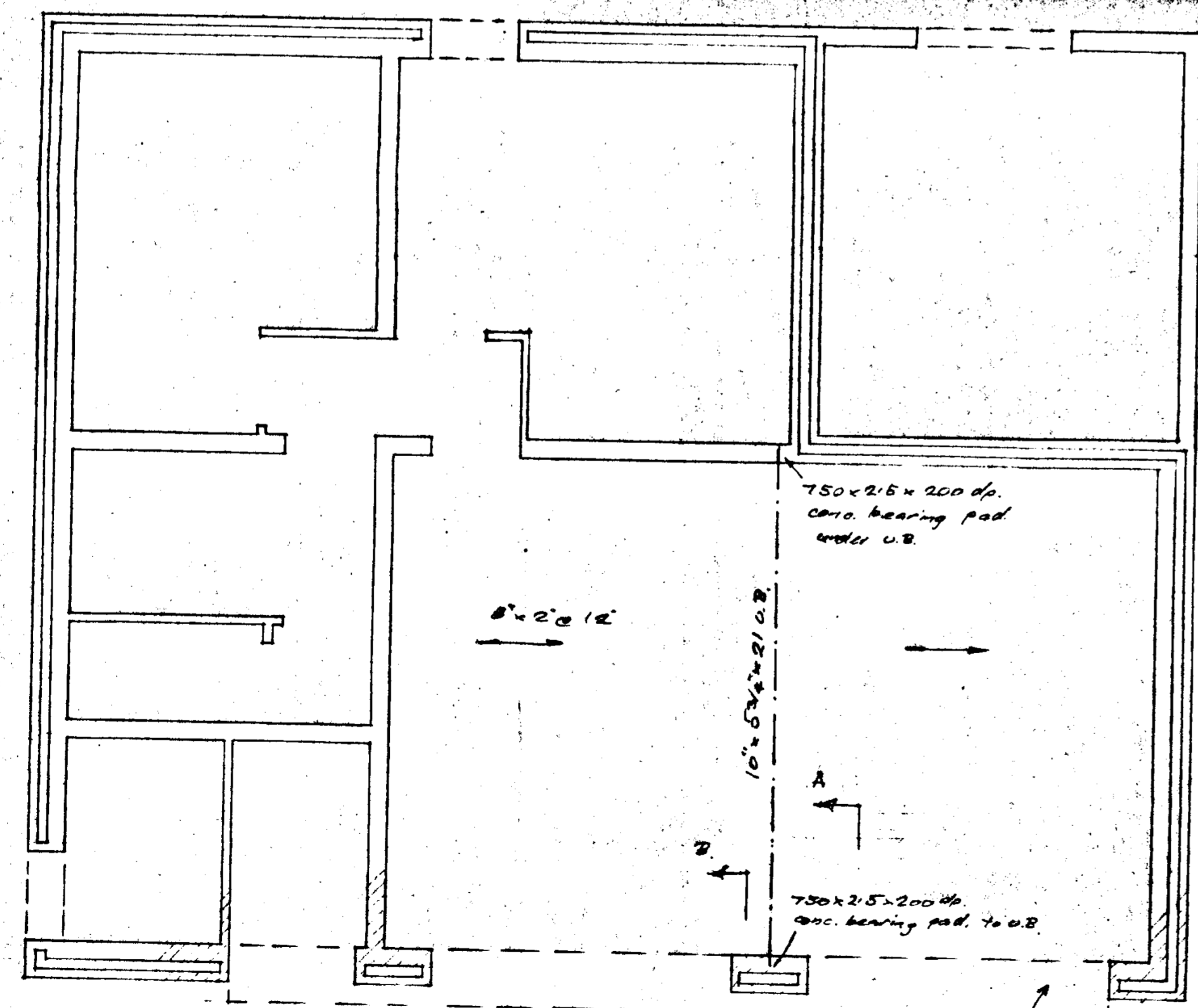
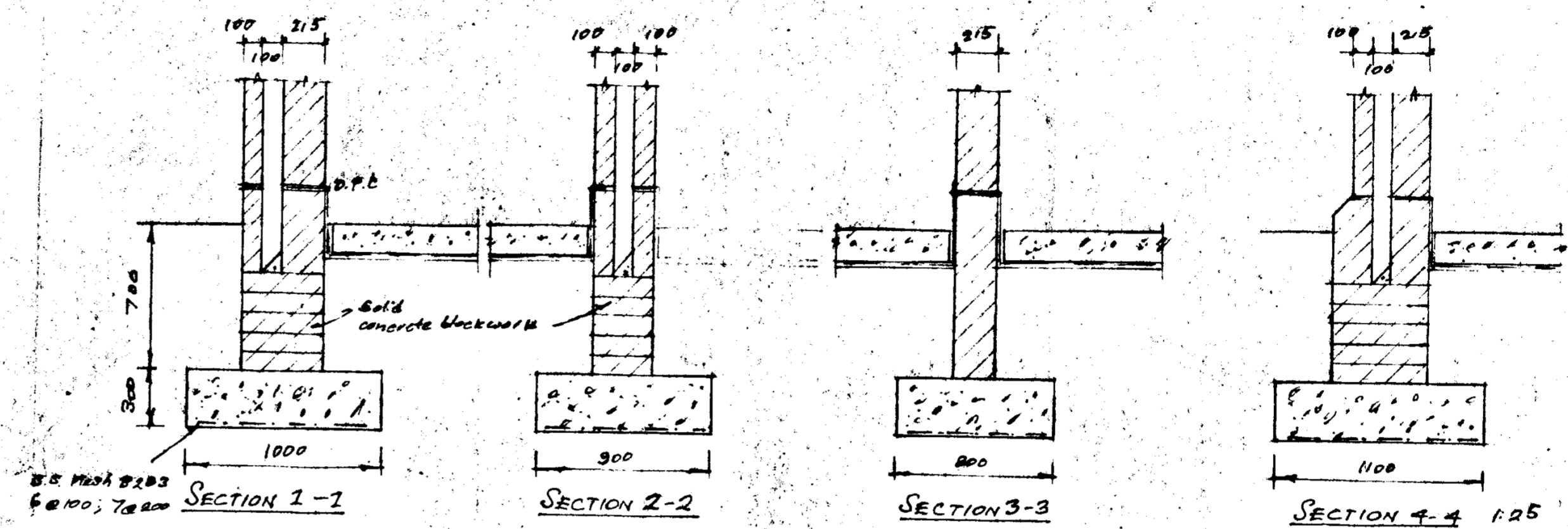
REGISTERED ARCHITECT

ARCHITECTS

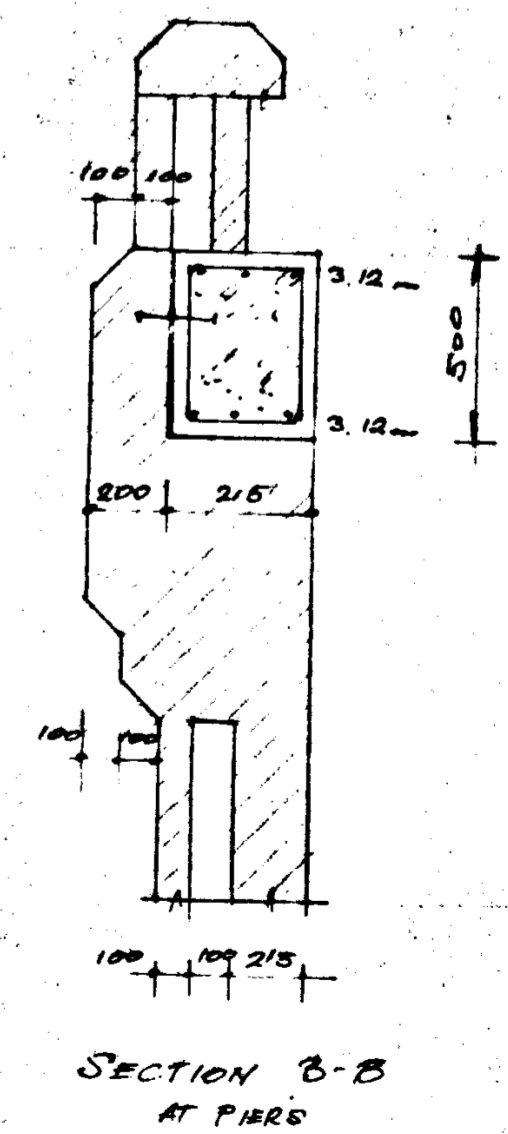
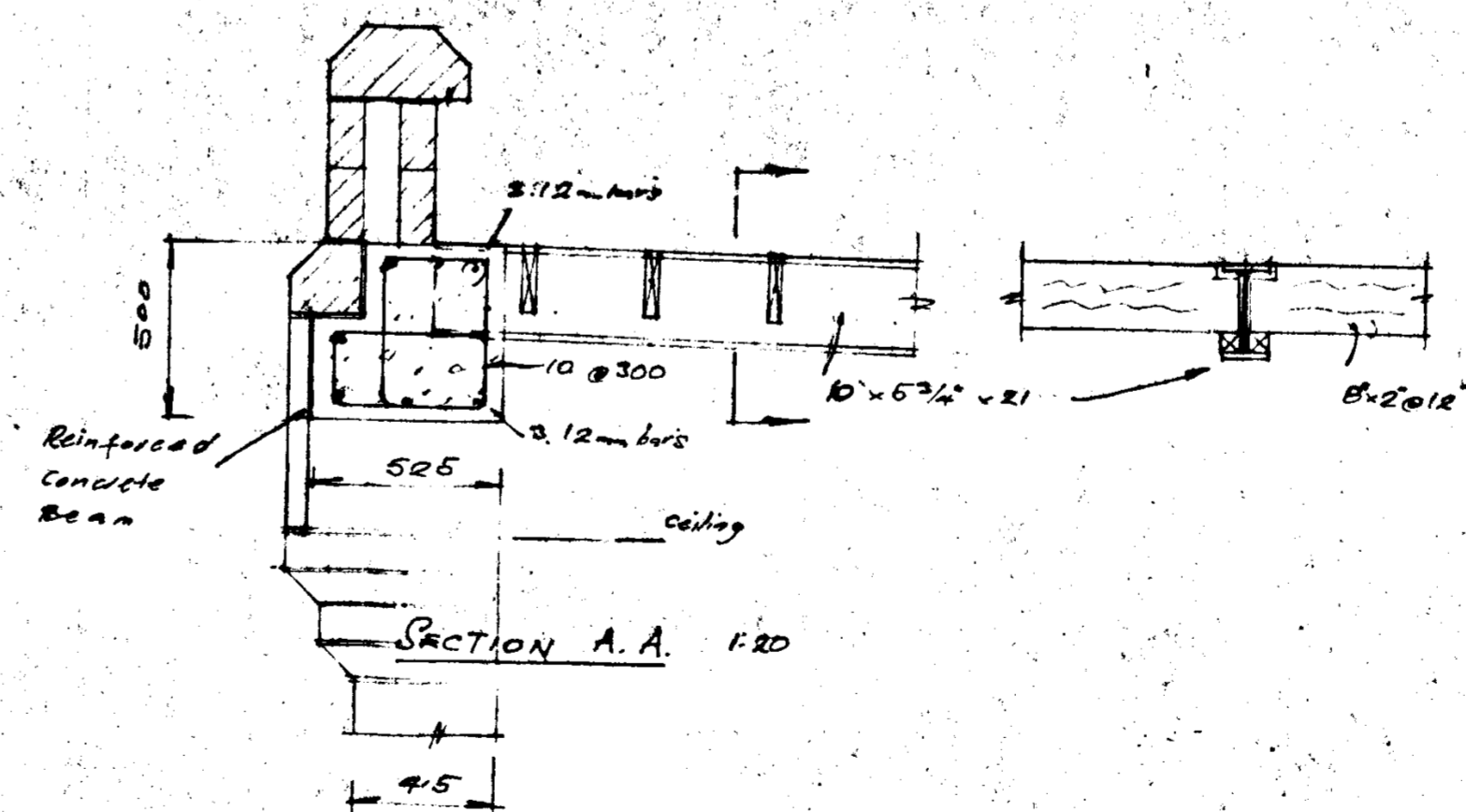
111 Wellington Street, Dublin 4, Ireland. Tel: 468 899. Fax: 468 089.



FOUNDATION LAYOUT 1:50

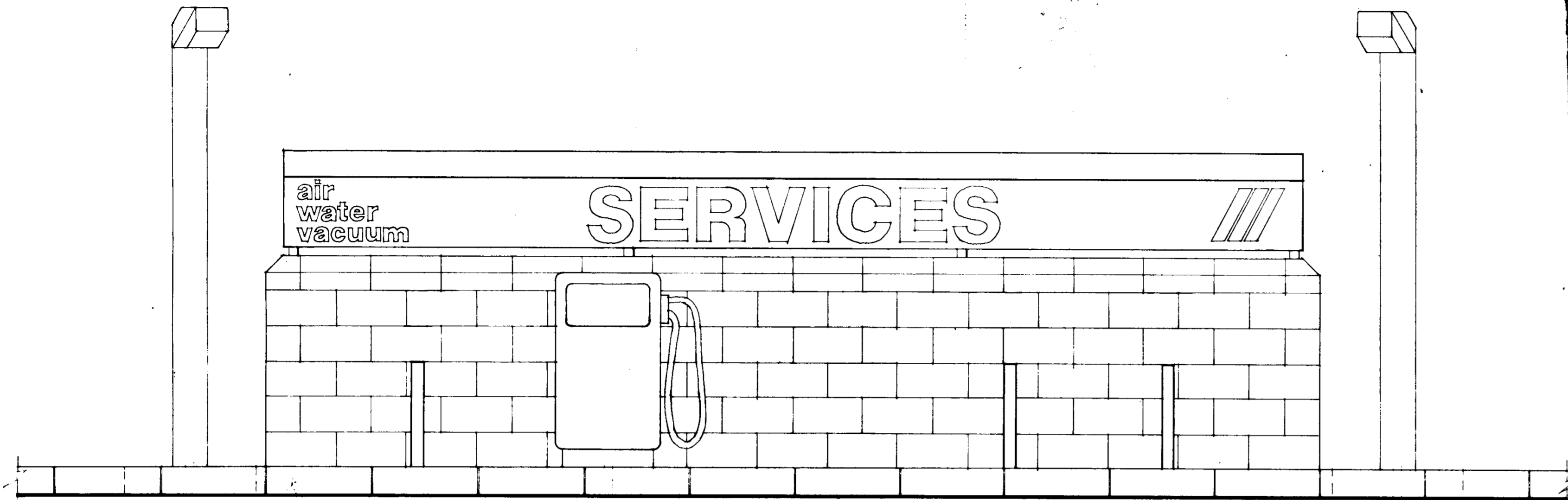


ROOF LAYOUT



RECEIVED  
27 JUN 1991  
JIA/ESH  
Reg. Sec.

JET FILLING STATION, TYMON/BALROTHERY RD. TULLAGHT.  
 dte: 8.6.81 FOUNDATIONS & ROOF DEG. 858/3995  
 STRUCTURAL DETAILS. scale: 1:50, 1:25, 1:20  
 Ryan O'Brien & Hardy. Arthur W. West & Associates  
 Architects. Consulting Engineers  
 6 Percy Place, Dublin 7. 25 Cambridge Rd. 26.

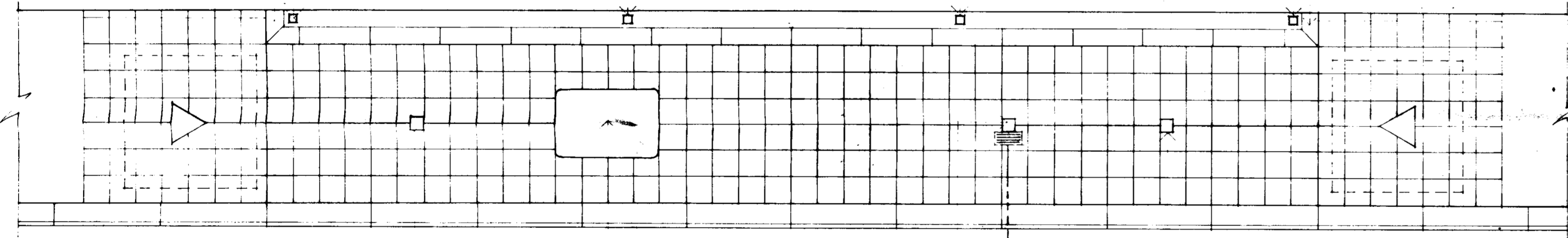


ELEVATION

Foundation to light fittings 750x750x900 mm.

'Forticrete Split Fluted' blocks to be brought around corners.

50x50 M.S. hollow sections



PLAN

Air point on 50x50 mm hollow steel section, 600 mm high

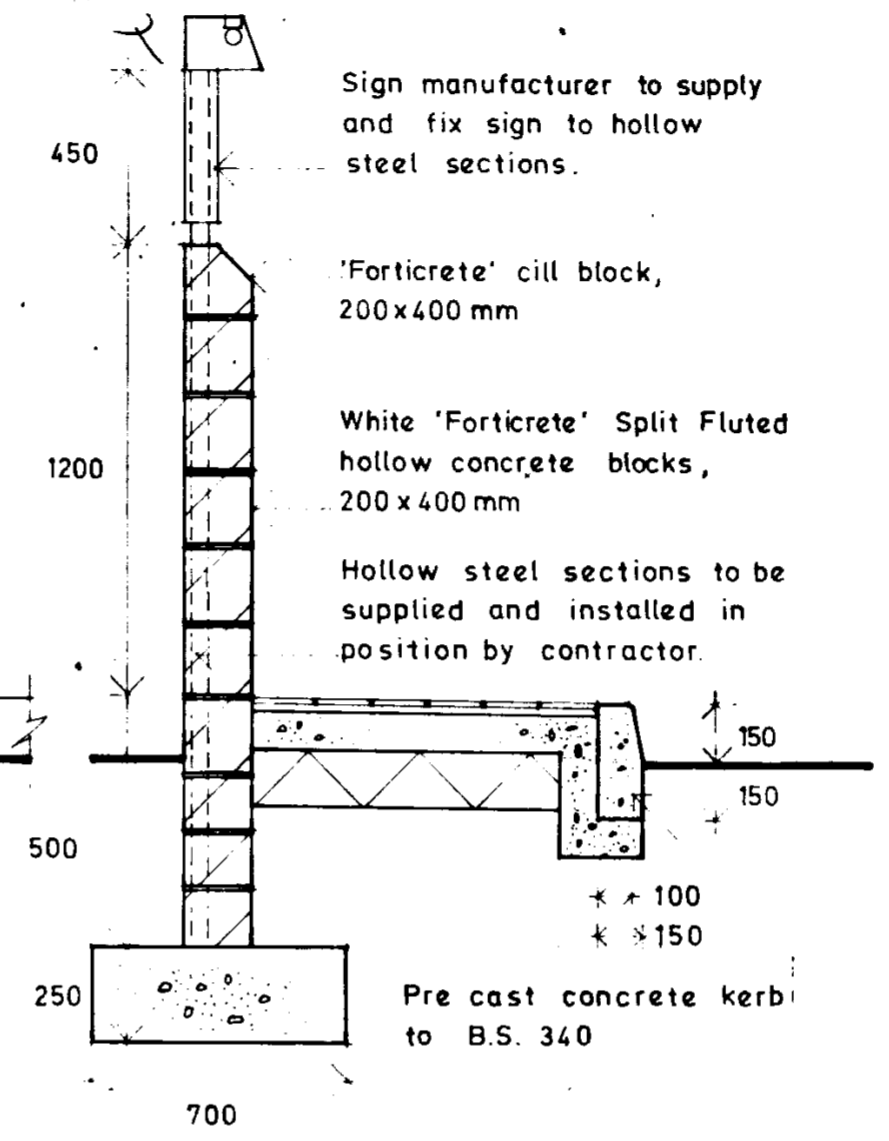
Vacuum

Water tap on 50x50 mm hollow steel section, 600 mm high.

G.T. to connect to main surface water drain

Air point on 50x50 mm hollow steel section, 600 mm high

24 MAY 1991  
 0190847  
 CONSULTATION TYPE  
 NO. 1 D  
 RYAN O'BRIEN HANDY ASSOCIATES  
 ARCHITECTS & DESIGNERS



Sign manufacturer to supply and fix sign to hollow steel sections.

'Forticrete' cill block, 200x400 mm

White 'Forticrete' Split Fluted hollow concrete blocks, 200x400 mm

Hollow steel sections to be supplied and installed in position by contractor.

Pre cast concrete kerb to B.S. 340

SECTION

**GENERAL NOTE :-**

Electrical ducting to be brought to centres of vacuum point and light fittings (50mm ducting) and to any one of hollow steel sections (25mm ducting). Pull wires to be installed in all electrical ducts.

**Ryan O'Brien Handy Associates**  
Architects & Designers

38 Percy Place, Dublin 4. 680899 Fax 680089  
111 Wellington Street, Luton LU1 5AF (0582)401492

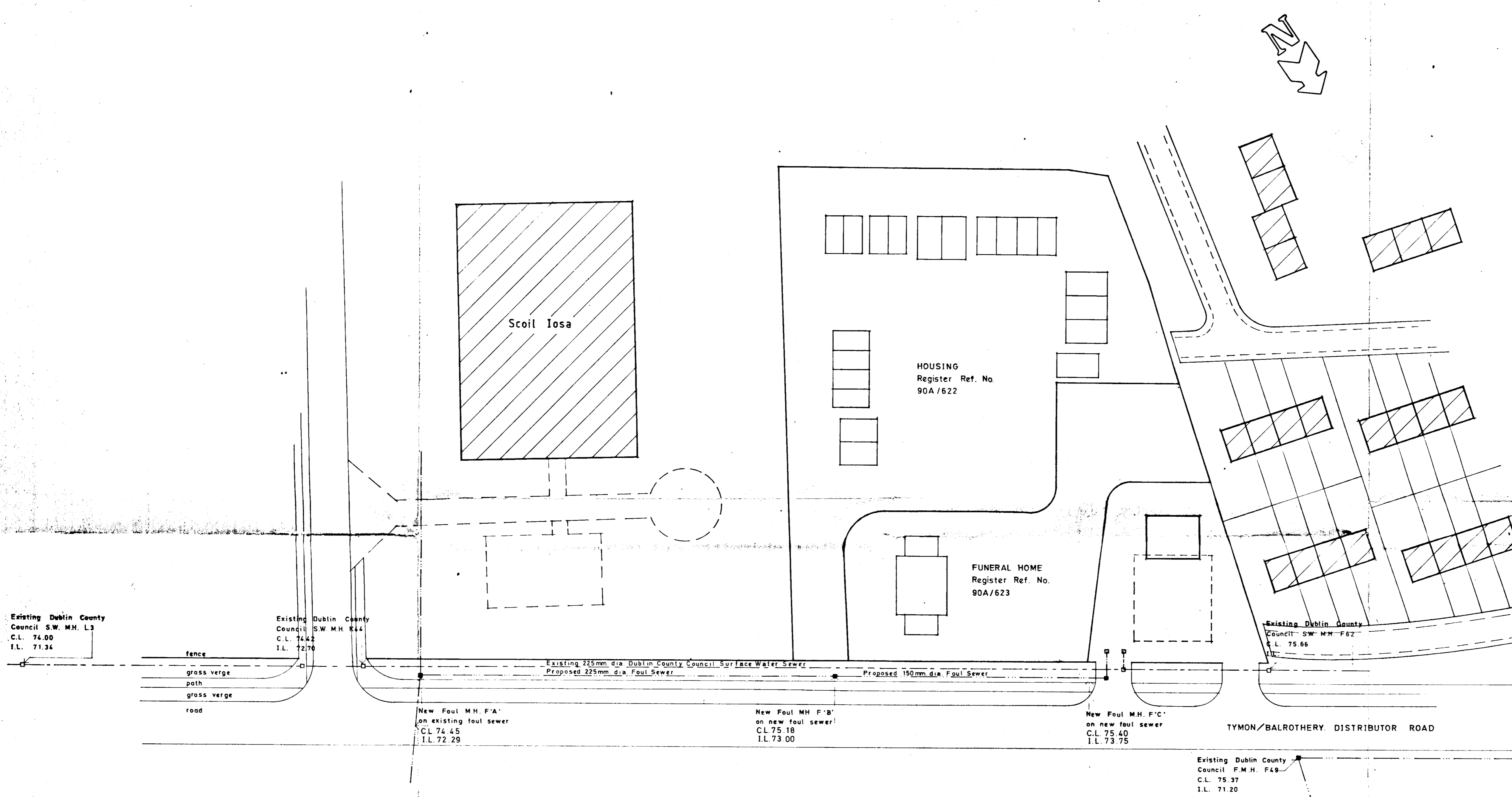
Project  
**CONOCO**

Revisions  
Date **March 91**  
Scale **1:20**

Proposed Service Area

Drawing no. **3220/112**

JDH13196



DUBLIN COUNTY COUNCIL  
Planning Dept. Registry Section  
APPLICATION RECEIVED  
24 MAY 1991  
REG No. 91A/084  
APPLICATION TYPE D/P/A/BBL  
NO L.D.S.

**NOTES**

- 1) All works shall be carried out with the approval of Dublin County Council, Sanitary Services Department.
- 2) All drains to have 150mm. minimum concrete (grade 12) bed and surround.
- 3) Foul and Petrol Contaminated manholes to be rendered both inside and outside.
- 4) Heavy duty manhole covers and frames used throughout. Covers and frames to comply with B.S.497.
- 5) This drawing to be read in conjunction with drawing no.s 3225/04&07

Mr. R. Martin

Revisions: \_\_\_\_\_ Date: May '91

Scale: 1:500

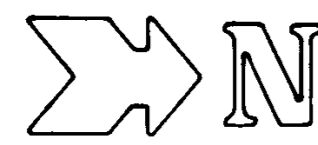
Use only figured dimensions

Drawing Copyright ©

Petrol Filling Station,  
Tymon/Balrothery Rd., Dublin 24

Drawing no.: 3225/05

**ROBH**  
Byron  
O'Brien  
Mandy  
Associates  
6 Percy Place  
Dublin 4  
111 Wellington Street  
Luton LU1 5AF  
Telephone 480 899  
Facsimile 680 089



GREENHILLS ↗

Existing dwellings

Existing boundary wall

Building to be constructed in accordance with drwg. no. 3225/06 and engineers details and specifications.

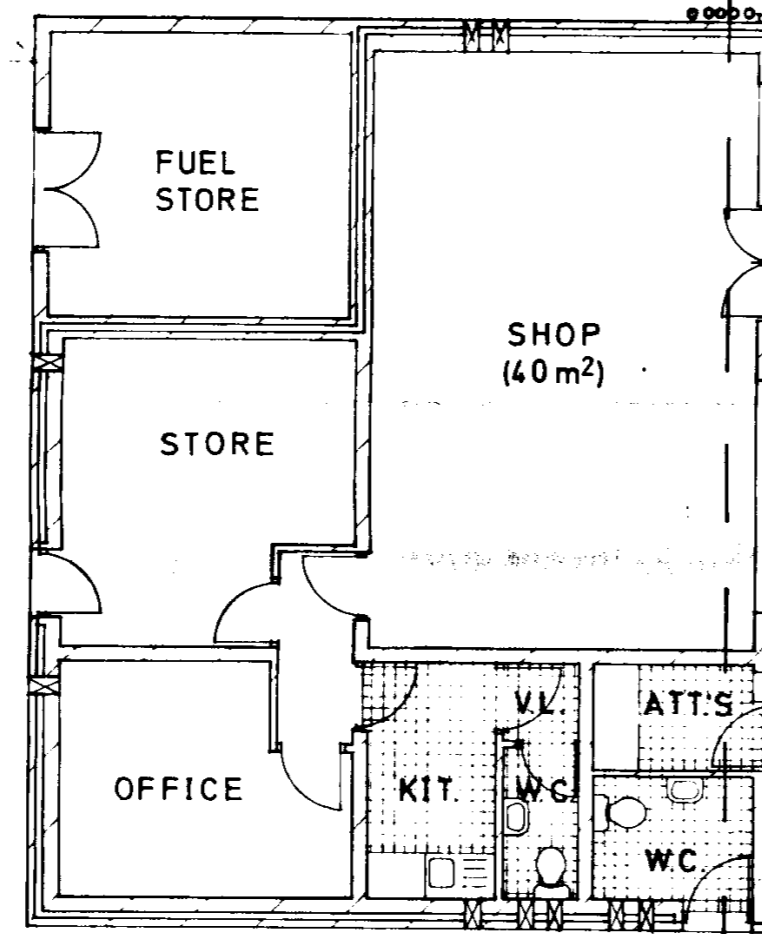
New boundary wall

Location of car wash slab constructed in accordance with drwg. no. 600/11B

Tarmacadam surface :- 25 mm of 10 mm nominal size macadam to B.S. 4987 on 50 mm of 20 mm nominal size open textured coated macadam to B.S. 4983

3,000 gal water storage tank

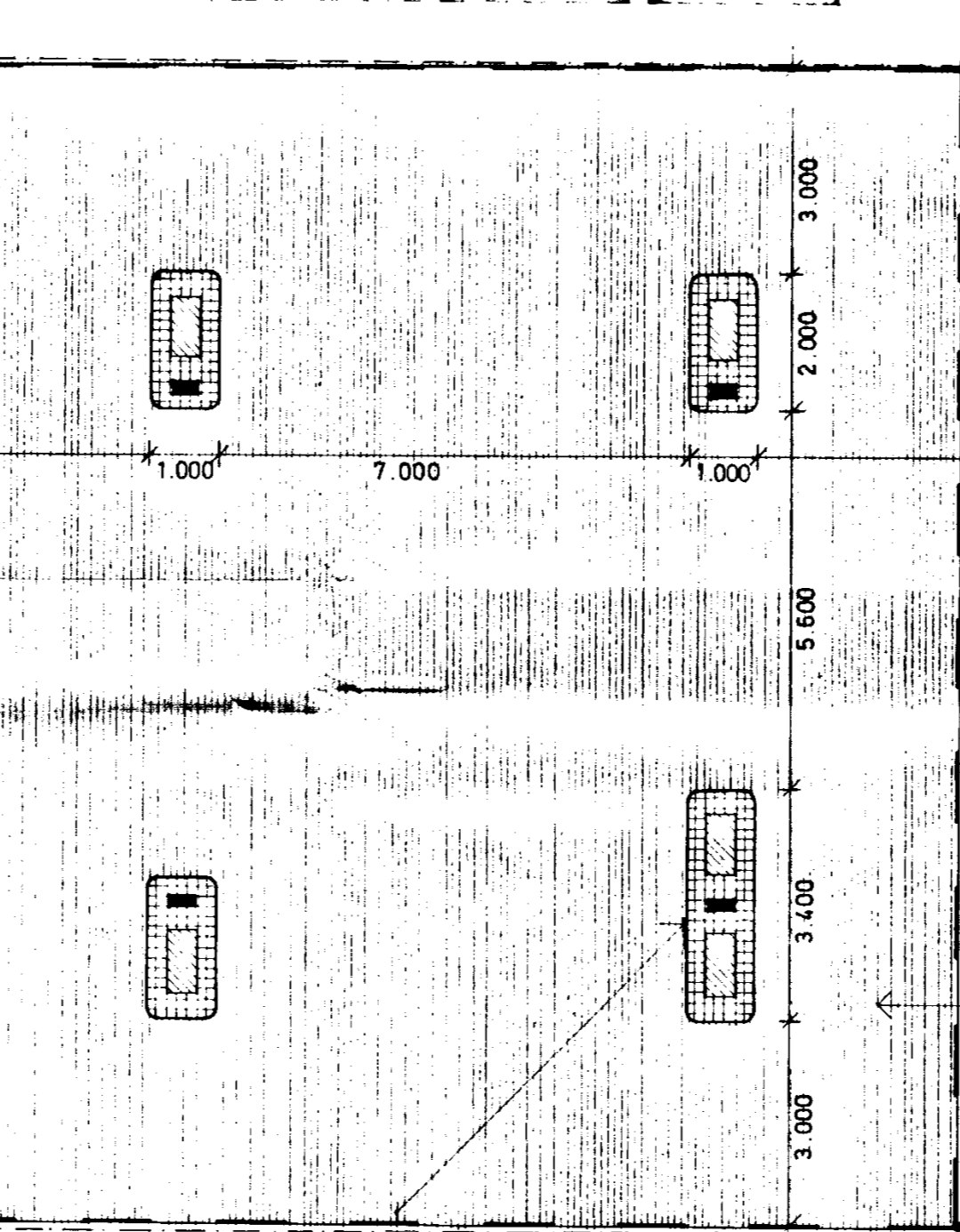
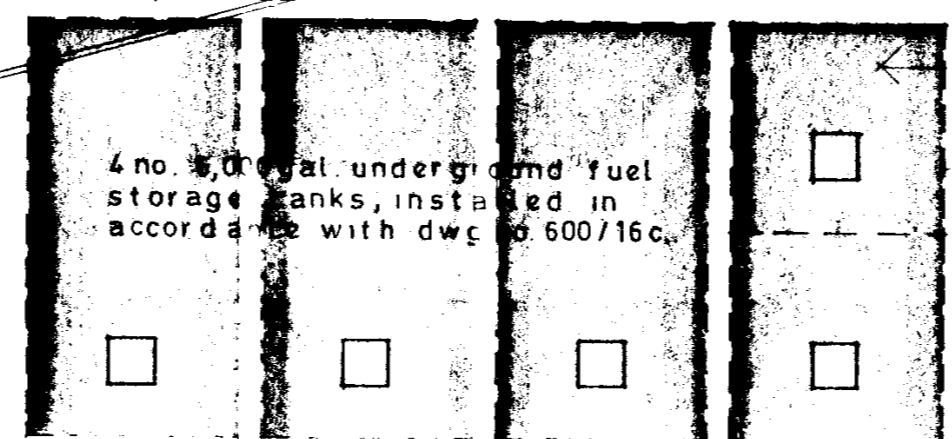
Concrete apron 250 mm deep concrete (grade 30) slab, laid to fall, on 150 mm of consolidated hardcore. Apron to be reinforced top and bottom with A 252 steel



Line of canopy over, 4.200 m high to underside, with a 1.05 m fascia panel above. Canopy erected by a specialist firm.

Tarmacadam/concrete pavers break line.

Line of pre-cast concrete kerbing



'ACO' gully with rodding/cleaning access.

'ACO' drainage channel (type C250) laid to fall in accordance with manufacturers details and specification.

Pump islands, 150 mm high concrete (grade 20) finished with selected clay quarry tile and stainless steel trim; constructed as per drwg. no. 600/37

Service island constructed in with drwg. no. 3200/112

Illuminated sign as per drwg nos 3200/201, 202, 207

Line of pre-cast concrete kerbing

The installation of underground petrol storage tanks is as per fire-officers requirements as required by condition no. 3 of permission reg. no. 90A/625

Concrete/tarmacadam break line

Concrete paving setts laid in accordance with manufacturers specification.

TYMON/BALROTHERY ROAD

FIRHOUSE ↘

DUBLIN COUNTY COUNCIL  
Planning Dept. Registered Scheme  
APPLICATION RECEIVED  
24 MAY 1991  
RES. No. 91A/0847  
APPLICATION TYPE 017  
NO L.D.S.

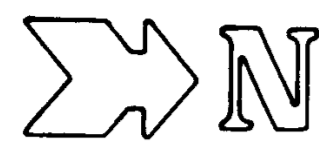
Mr. R. Martin

Revisions: \_\_\_\_\_ Date: May '91  
Scale: 1:100

Use only figured dimensions

Petrol Filling Station,  
Tymon/Balrothery Rd., Dublin 24

Drawing no.: 3225,



GREENHILLS ↑

Dublin County Council  
Surface Water Manhole F62  
C.L. 75.66

Existing 225mm dia. Dublin County Council Surface Water Sewer

TYMON/BALROTHERY ROAD

DUBLIN COUNTY COUNCIL  
Planning Dept. Registry Section  
APPLICATION RECEIVED  
24 MAY 1991  
REG. NO. 91A 0847  
APPLICATION TYPE: P.D.A.  
NO. L.P.S.

FIRHOUSE ↓

Mr. R. Martin

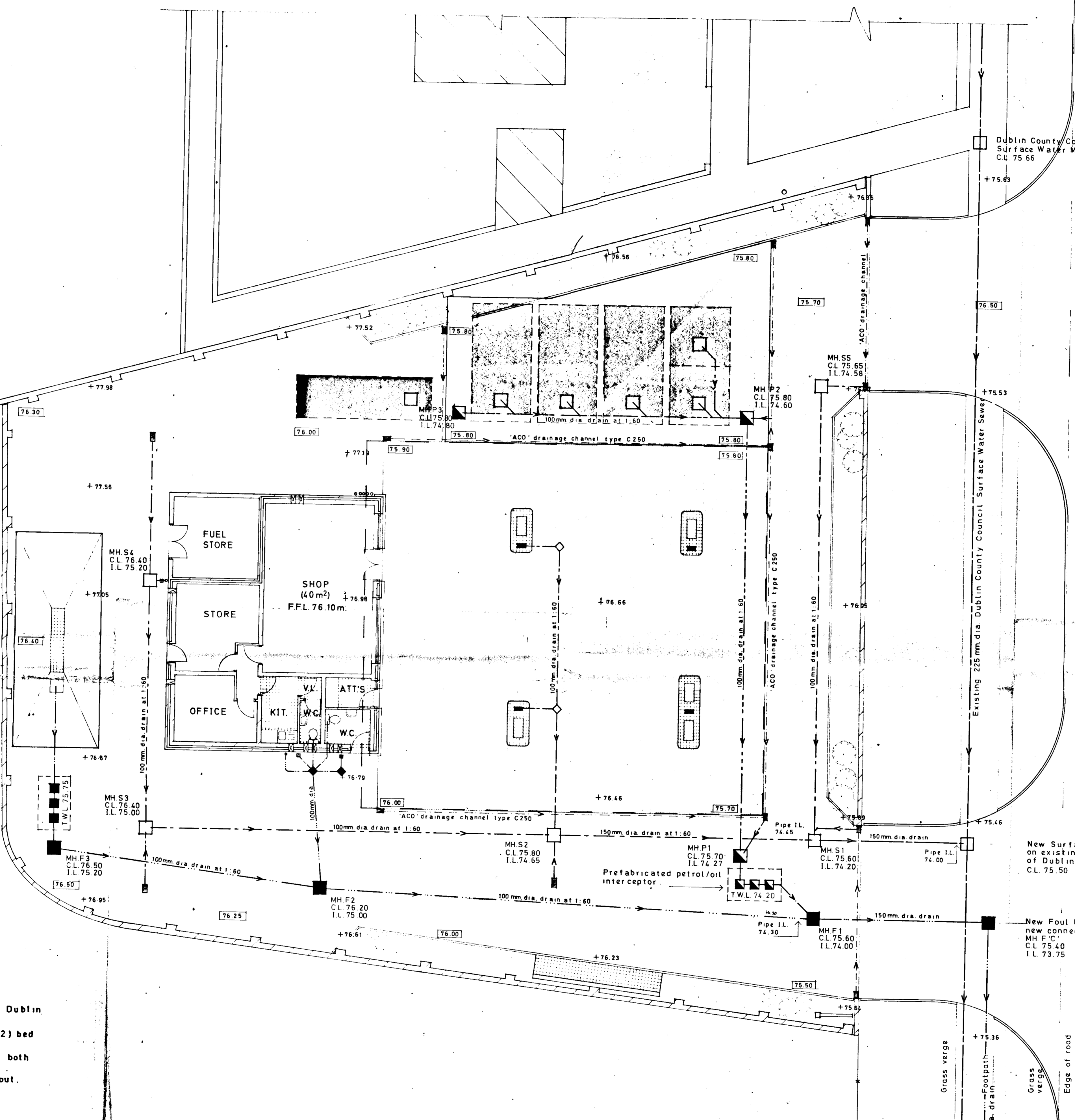
Revisions: \_\_\_\_\_ Date: May '91  
Scale: 1:100

Use only figured dimensions.  
Petrol Filling Station,  
Tymon/Balrothery Rd, Dublin 24.

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3225/04  
Drawing no.:

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Associates  
6th Floor  
Dublin 4  
111 Wellington Street  
Luton LU1 3AF  
Tel: 01582 899  
Fax: 01582 680 089

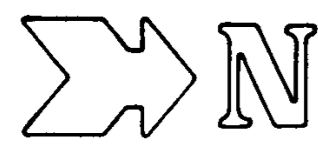
- LEGEND**
- Surface water drain
  - Foul drain
  - Petrol contaminated drain
  - 'ACO' drainage channel
  - 'ACO' silt gully
  - 'ACO' silt gully
  - Road gully
  - Armstrong junction
  - Armstrong junction
  - Soil vent pipe
  - Gully trap
  - Rain water pipe & back inlet gully trap
  - Existing ground level
  - Proposed ground level



New Surface Water Manhole built on existing sewer, with permission of Dublin County Council. C.L. 75.50

New Foul Manhole built at head of new connection to existing Foul Sewer. MH F.C. C.L. 75.40 I.L. 73.75

- NOTES**
- 1) All works shall be carried out with the approval of Dublin County Council, Sanitary Services Department.
  - 2) All drains to have 150mm. minimum concrete (grade 12) bed and surround.
  - 3) Foul and Petrol Contaminated manholes to be rendered both inside and outside.
  - 4) Heavy duty manhole covers and frames used throughout. Covers and frames to comply with B.S.497.
  - 5) This drawing to be read in conjunction with drwg. no.s 3225/05 & 07.



GREENHILLS ↑

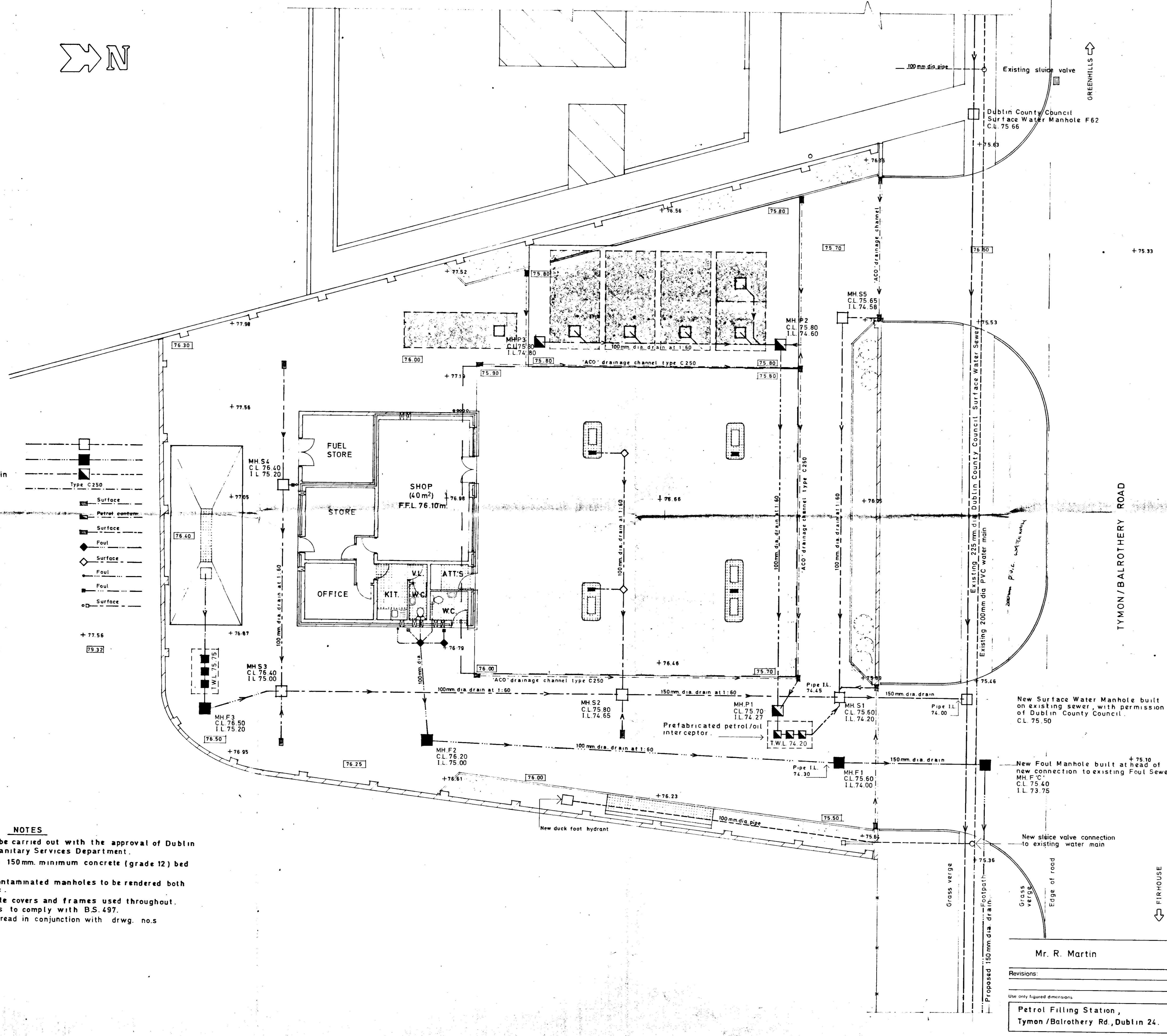
↓ FURHOUSE

**LEGEND**

- Surface water drain
- Foul drain
- Petrol contaminated drain
- ACO drainage channel
- ACO silt gully
- ACO silt gully
- Road gully
- Armstrong junction
- Armstrong junction
- Soil vent pipe
- Gully trap
- Rain water pipe & back inlet gully trap
- Existing ground level
- Proposed ground level

**NOTES**

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- 5) This drawing to be read in conjunction with drwg. no.s 3225 / 05 & 07



DUBLIN COUNTY COUNCIL  
 Planning & Safety Section  
 APPLICATION RECEIVED  
 - 8 OCT 1991  
 REG No. ...

New Surface Water Manhole built on existing sewer, with permission of Dublin County Council. CL 75.50

New Foul Manhole built at head of new connection to existing Foul Sewer. MH F'C' CL 75.40 I.L. 73.75

New sluice valve connection to existing water main

Mr. R. Martin

Revisions:	Date: May '91
	Scale: 1:100
Use only figured dimensions	
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Petrol Filling Station, Tymon/Balrothery Rd, Dublin 24.	
Drawing no.:	3225 / 04

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