

BYE LAW APPLICATION FEES

REF. NO.: 91A/250 CERTIFICATE NO.: 14798 B
 PROPOSAL: Fitting out of Ind. Unit
 LOCATION: Unit 44, Cherry Orchard Ind. Est.
 APPLICANT: C.A.F. Trading Co. Ltd.

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

Column 1 Certified: Signed: _____ Grade: _____ Date: _____

Column 1 Endorsed: Signed: _____ Grade: _____ Date: _____

Columns 2,3,4,5,6 & 7 Certified: Signed: M. Do Grade: III Date: 1/5/91

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

DUBLIN COUNTY COUNCIL

PLANNING DEPARTMENT

Register Reference : 91A/0250

Date Received : 26th February 1991

Applicant : C.A.F. Trading Company Limited

Appl.Type : PERMI

Development : use of existing light industrial building for food processing and packaging unit

LOCATION : 44 Cherry Orchard Industrial Estate, Ballyfermot

O.S.REFS.

| | | | | |
|----|----|--|--|--|
| 17 | 12 | | | |
|----|----|--|--|--|

AREA REFERENCE

W 9 0 9 0 2

HISTORY

| | | | | |
|----------|--|--|--|--|
| 87A/1186 | | | | |
| | | | | |

FEE CERTIFICATE NO.

FEE CLASS

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

MEASUREMENT FOR FEES

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

SIGNED

SENIOR EXECUTIVE DRAUGHTSMAN

DATE

FEE PAID

FEE ASSESSED

BALANCE DUE

| | | |
|--|--|--|
| | | |
|--|--|--|

CERTIFIED

GRADE

DATE

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

ASSESSMENT OF FINANCIAL CONTRIBUTION

REG. REF.: 91A/250

CONT. REG.:

SERVICES INVOLVED: WATER/FOUL SEWER/SURFACE WATER

AREA OF SITE:

FLOOR AREA OF PRESENT PROPOSAL: 3875 FT²

MEASURED BY:

R. J.
4/3/91

CHECKED BY:

METHOD OF ASSESSMENT:

TOTAL ASSESSMENT

MANAGER'S ORDERED NO: P/ /
DATED

ENTERED IN CONTRIBUTIONS REGISTER:

DEVELOPMENT CONTROL ASSISTANT GRADE

M. Galvin

PLANNING DEPARTMENT

BOOK FOLIO

(1) Date Lodged
18.4.91

LOCATION: **44 Cherry Orchard Industrial Estate,
Ballyfermot**

REG. REF. **91A/8238**

APPLICANT: **C.A.F. Trading Co.**

PROPOSAL: **Use of light industrial building for food
processing & packaging unit**

(2) Date referred

Chief Medical Officer, Eastern Health Board

(3) Rec'd San.
Services

*The proposal is acceptable
subject to conditions outlined in
previous report 7/5/91*

(4) Dispatched by
San. Ser. to
C.M.O.:

*Sta Devine
for John O'Reilly S.E. HO
27/5/91*

(5) Rec'd
Planning:

(6) Date to
Planner:

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

**PLANNING DEPT.
DEVELOPMENT CONTROL SECT**
Date *28.05.91*
Time *2.30*

(9) Decision due:

(8) DPO Report
submitted to
S.A.O.:

ENDORSED: _____

DATE: _____

4.



An Roinn Turasóireachta, Iompair agus Cumarsáide,
Oifig Seirbhíse Aerloing Seoireachta
Teach Scotch,
Sráid Haicín,
Baile Átha Cliath 2

Department of Tourism, Transport and Communications,
Air Navigation Services Office
Scotch House,
Hawkins Street,
Dublin 2.

Telephone No. 718655, Ext.:

Telex No. 93736

Fax No. 6792934

Ref. No.

letter

, 1991

C. A. 10/6/31

DUBLIN COUNTY COUNCIL
PLANNING DEPT.
RECEIVED
14 MAY 1991

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

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 14. 4. 91
Time

Dear Sir

I am directed by the Minister for Tourism, Transport and Communications to refer to the lists of planning applications submitted to your office for the periods ending 15th March, 22nd March, 24th March and 5th April 1991.

91A/328- J & P Keeling, Keeling, St. Margarets-House and outhouse.

91A/376-A Dillon, Drumnigh, Portmarnock-House

91B/251-D Redmond, Pickardstown, Clochan-Extension.

91A/500-Mr & Mrs V Buckley, Kinsealy- Bungalow and outhouse

While no objection is seen by this Department to the above proposed developments, they are located in zones in which the level of aircraft noise without adequate sound insulation may be very annoying.

Yours faithfully

T. McCann
Corporate Services Division

DUBLIN COUNTY COUNCIL

REG. REF:

91A/250.

LOCATION:

44 Cherry Orchard Industrial, Ballyfermot.

APPLICANT:

C.A.F. Trading Co. Ltd.

PROPOSAL:

Light Industrial Building.

DATE LODGED:

26.2.91.

MG

This application is for full permission for use of existing light industrial building for food processing and packaging unit at 44 Cherry Orchard Industrial Estate, Ballyfermot.

The change of use involves no extra demand for parking requirements. The unit is located in an approved Ind. Estate and served by adequate road network.

No Roads objection.

| |
|---------------------------------|
| PLANNING DEPT. |
| DEVELOPMENT CONTROL SECT |
| Date 12/4/91 |
| Time 12:00 |

VA/RMCC
10.4.91

SIGNED: Michael Arthur

ENDORSED: E. Madden

DATE: 11-4-91

DATE: 11th April '91

my

Register Reference : 91A/0250

Date : 5th March 1991

Development : use of existing light industrial building for food processing and packaging unit

LOCATION : 44 Cherry Orchard Industrial Estate, Ballyfermot

Applicant : C.A.F. Trading Company Limited

App. Type : PERMISSION

Planning Officer : M.GALVIN

Date Recd. : 26th February 1991

DUBLIN COUNTY COUNCIL
20 APR 1991

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

Yours faithfully,

M. Galvin

PRINCIPAL OFFICER

This proposal is acceptable subject to

- ① Compliance with the Food Hygiene Regulations 1950/84
- ② Provision of a suitable system of ventilation in the food preparation and packaging area.
- ③ Provision of extract ventilation in the sanitary accommodation and intake ventilation in the lobbies leading thereto.
- ④ Provision of a wash hand basin with hot and cold water supply in the food preparation and packaging area.

As a Depute for John O'Kelly

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

2/5/91

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 08/05/91
Time 4.00 P.M.

Register Reference : 91A/0250

Date : 5th March 1991

Development : use of existing light industrial building for food processing and packaging unit

LOCATION : 44 Cherry Orchard Industrial Estate, Ballyfermot

Applicant : C.A.F. Trading Company Limited

App. Type : PERMISSION

Planning Officer : M.GALVIN

Date Recd. : 26th February 1991

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

Yours faithfully,

DUBLIN CO. COUNCIL
22 MAR 1991

DUBLIN CO. COUNCIL
SANITARY SERVICES
PRINCIPAL OFFICER
26 APR 1991
Returned *[Signature]*

Date received in Sanitary Services SAN SERVICES..

FOUL SEWER

Available to approved system subject to the provision of suitable trap or traps to prevent matter from washings, trimmings etc from entering the F.S. system. Effluent, other than domestic type effluent, will require a license under the Water Pollution Act.

SURFACE WATER

Available to approved system.
See note under Foul Sewer.
Discharges subject to provisions of Water Pollution Act.

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

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 26-4-91
Time 2pm

J. Rice
22/4/91

V.F. BBL.

Register Reference : 91A/0250

Date : 5th March 1991

.....
ENDORSED _____

DATE _____

WATER SUPPLY. Available. 24 hour storage required. ^{05 17/12}

Supply to be installed. All connections to existing systems swabbing and chlorination by Dec personnel at applicants expense - J. Lofth 21/3/91.

.....
J. Lofth 3/12/91

ENDORSED [Signature]

DATE 24/4/91

DUBLIN COUNTY COUNCIL

REG. REF: 91A/250.
LOCATION: 44 Cherry Orchard Industrial, Ballyfermot.
APPLICANT: C.A.F. Trading Co. Ltd.
PROPOSAL: Light Industrial Building.
DATE LODGED: 26.2.91.

M O

This application is for full permission for use of existing light industrial building for food processing and packaging unit at 44 Cherry Orchard Industrial Estate, Ballyfermot.

The change of use involves no extra demand for parking requirements. The unit is located in an approved Ind. Estate and served by adequate road network.

No Roads objection.

PLANNING DEPT.
DEVELOPMENT CONTROL SECT
Date 24.4.91
Time 2.30

MA/BMcC
10.4.91.

SIGNED: Michael Arthur
DATE: 11-4-91

ENDORSED: E. Madden
DATE: 11th April '91

P/1558/91

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Register Reference : 91A/0250

Date Received : 26th February 1991

Correspondence : Gerard Spillane Design Associates
Name and Address : 21 Lr. Baggot Street,
Dublin 2.

CN282

Development : use of existing light industrial building for food processing and packaging unit

Location : 44 Cherry Orchard Industrial Estate, Ballyfermot

Applicant : C.A.F. Trading Company Limited

App. Type : Permission

Zoning :

| | |
|----------------------|--------------|
| <u>CONTRIBUTION:</u> | |
| Standard: | Nil |
| Roads: | paid in full |
| S. Sers: | full |
| Open Space: | |
| Other: | |
| <u>SECURITY:</u> | |
| Bond / C.I.F.: | |
| Cash: | |

(NP/AC)

Report of Dublin Planning Officer dated 10 April, 1991.

This is an application for PERMISSION for use of existing light industrial building for food processing and packaging unit at 44 Cherry Orchard Industrial Estate, Ballyfermot by C.A.F. Trading Company Limited.

Reg. Ref. RA.1888 refers to the grant of permission for the advanced construction of this terrace of buildings then known as Z(1-4).

The structure is unoccupied at the moment and the proposed use is for food processing and packaging.

No reports are available from other departments.

The I.D.A. have requested that this application be dealt with expeditiously.

The proposed development is consistent with the provisions of the Development Plan.

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:-

CONDITIONS / REASONS

01 The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application save

B 17/9

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Reg. Ref: 91A/0250

Page No: 0002

Location: 44 Cherry Orchard Industrial Estate, Ballyfermot

as may be required by the other conditions attached hereto.

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

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

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

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

REASON: In the interest of health.

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

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

05 That the water supply and drainage arrangements, including the disposal of surface water, be in accordance with the requirements of the County Council.

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

06 That no industrial effluent be permitted without prior approval from Planning Authority.

REASON: In the interest of health.

07 That off-street car parking facilities and parking for trucks be provided in accordance with the Development Plan Standards.

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

08 That the area between the building and roads must not be used for truck parking or other storage or display purpose, but must be reserved for car parking and landscaping as shown on lodged plans.

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

09 That details of landscaping and boundary treatment be submitted to and approved in writing by Planning Authority and ~~work thereon completed~~ prior to occupation of units.

REASON: In the interest of amenity.

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

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

COMHAIRLE CHONTAE ÁTHA CLIATH

Record of Executive Business and Manager's Orders

Reg.Ref: 91A/0250

Page No: 0003

Location: 44 Cherry Orchard Industrial Estate, Ballyfermot

area.

omit
11 That the use of the unit be in accordance with the application received in the Planning Department on 26.02.91.

11 REASON: To prevent unauthorised development.

NOTE: Works necessary to meet the requirements of the foregoing conditions may involve development as defined in the Planning Acts 1963-1990, and in respect of which a further planning application may be required.

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 (j) conditions set out above is hereby made.

Dated : *10 April 1991* *K.O. Sullivan*
ASSISTANT CITY AND COUNTY MANAGER

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

COMHAIRLE CHONTAE ATHA CLIATH

DUBLIN COUNTY COUNCIL

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

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

Telephone: 773066

Telephone: 724755
Extension: 231/234

3rd May, 1991

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

LOCATION: 44 Cherry Orchard Industrial Estate, Ballyfarmot
PROPOSED DEVELOPMENT: Use of light industrial building for food processing & packaging unit
APPLICANT: G.A.F. Trading Co.
PLANNING REG. REF.: 91A/0250
DATE OF RECEIPT OF SUBMISSION: 16th April, 1991

A Chara,

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

Building Bye-Law Approval

Mise, le meas

A. Smith

PRINCIPAL OFFICER

Gerard Spillane Design Associates,

21 Lower Baggot Street,

Dublin 2

GERARD SPILLANE DESIGN ASSOCIATES

ARCHITECTS & INTERIOR DESIGNERS

²¹
~~63~~ Lower Baggot Street, Dublin 2. Tel: 613284

91A/250

L.I.O. 2

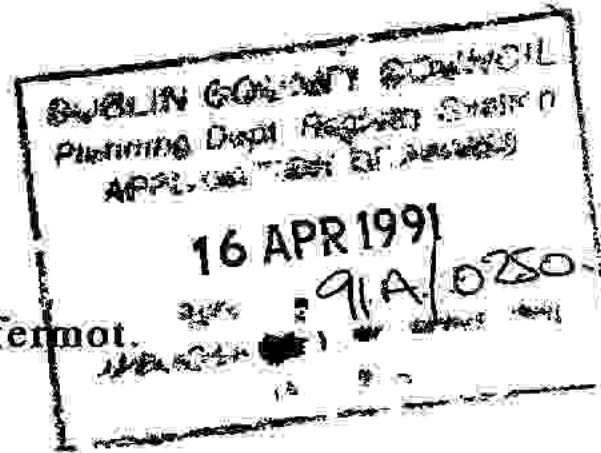
BB L

28th March 1991

Dublin County Council,
Building Control Section,
Block 2,
Irish Life Centre,
Lower Abbey Street,
Dublin 2.

Re: Use of Existing Light Industrial Building
for Food Processing and Packaging Unit
44, Cherry Orchard Industrial Estate, Ballyfermot.

Reg. Ref: 91A/250



Dear Sirs,

On behalf of our client C.A.F. Trading Company Ltd., we are applying for Bye-Law Approval for the above development.

The development comprises the fitting out only as indicated to the existing industrial unit. The external appearance and finishes will remain unaltered.

It is likely due to the extra storage/usage requirements that a larger supply will be required and we shall be applying to Dublin County Council in due course for this connection.

Meanwhile the following documents are enclosed in duplicate:-

- Floor plan / elevations / section / site map / location map.
- Structural engineers layout and details.
- Structural calculations.
- Bye laws application fee of £70.00 as requested.

I trust this is in order.

Yours faithfully,

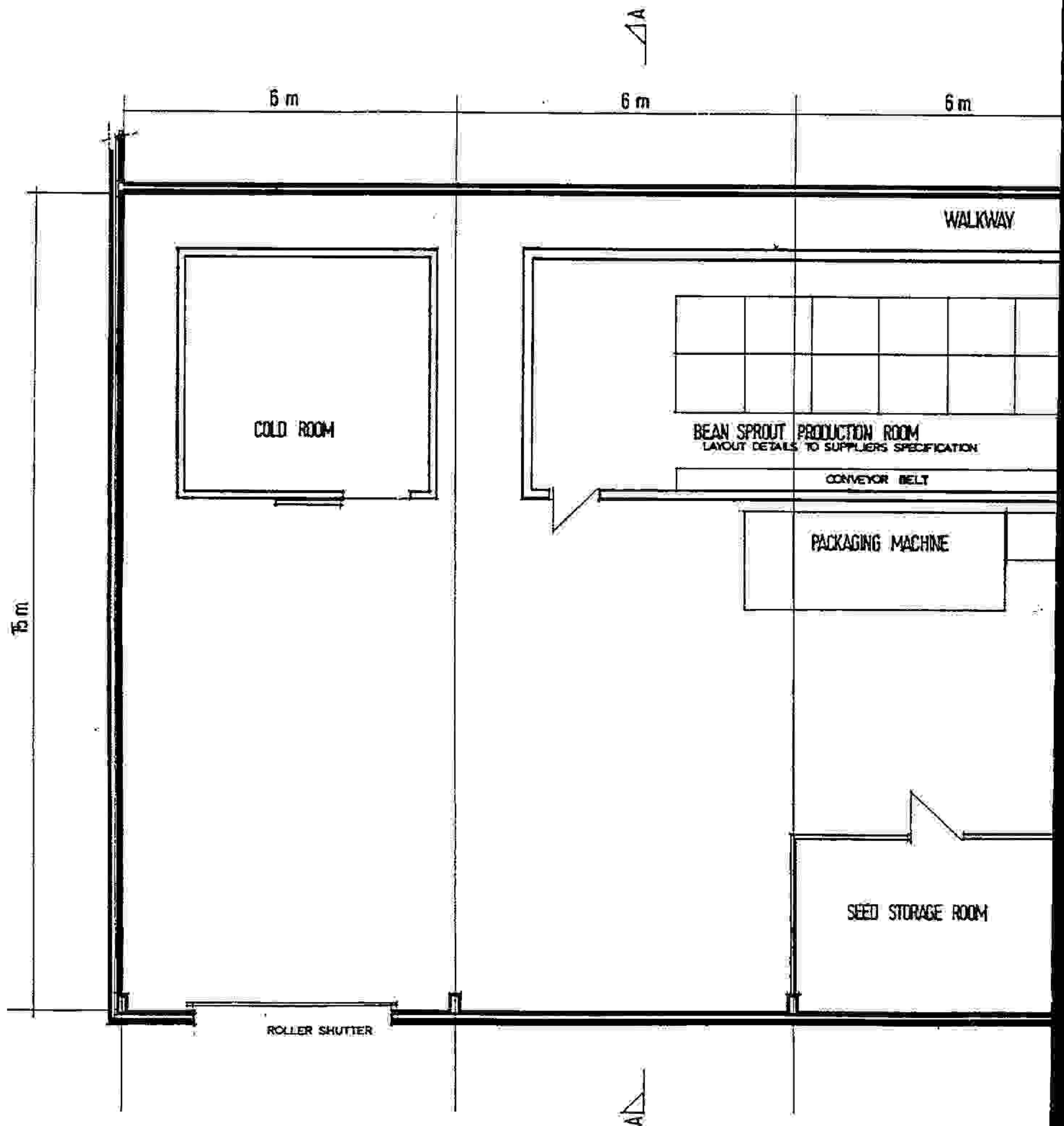

Gerard Spillane



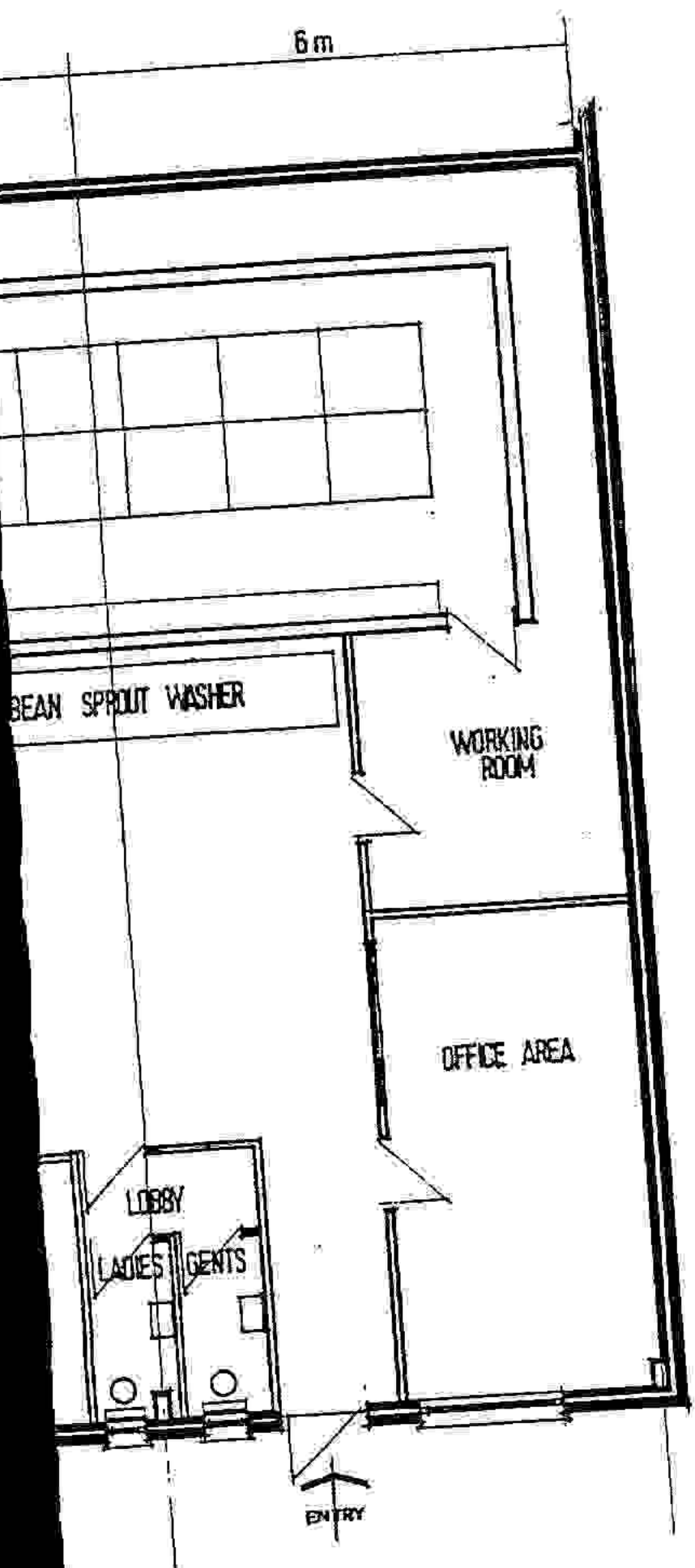
EYE LAW APPLICATION
REC. No. N 35524
£70.00

16/4



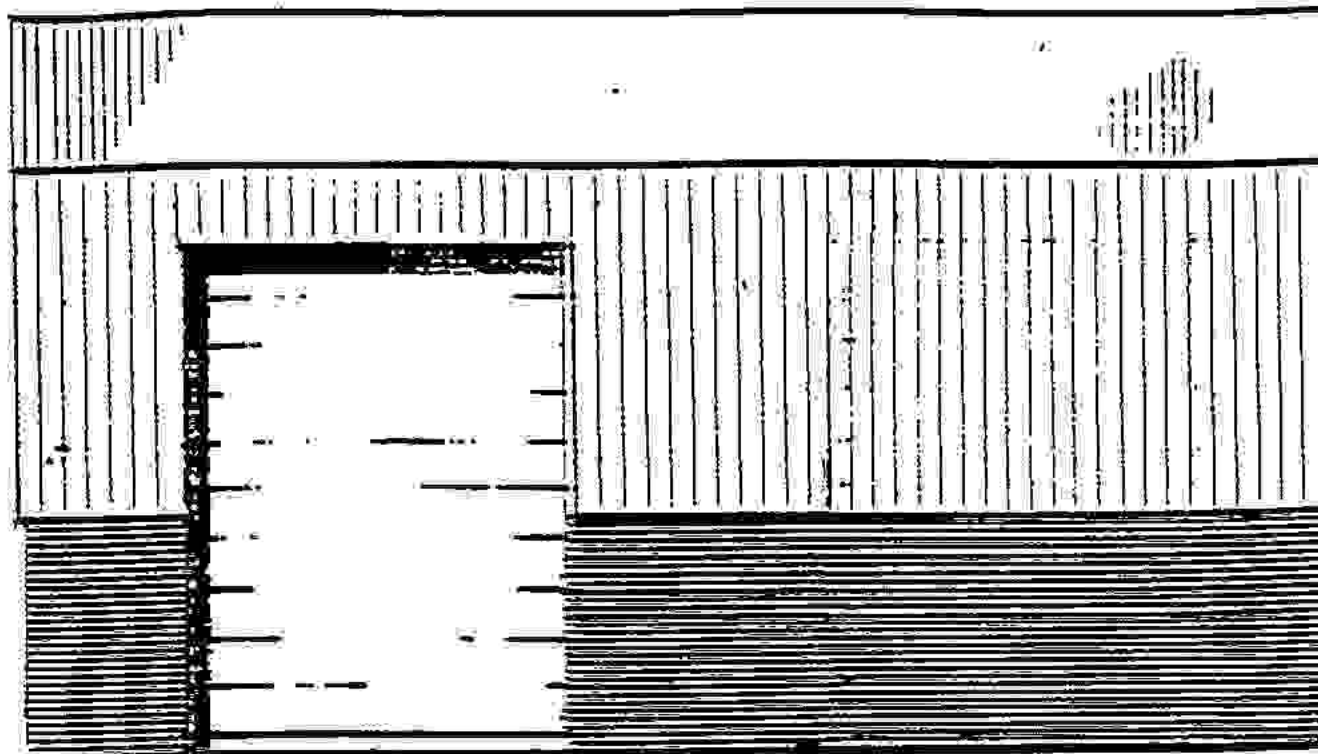


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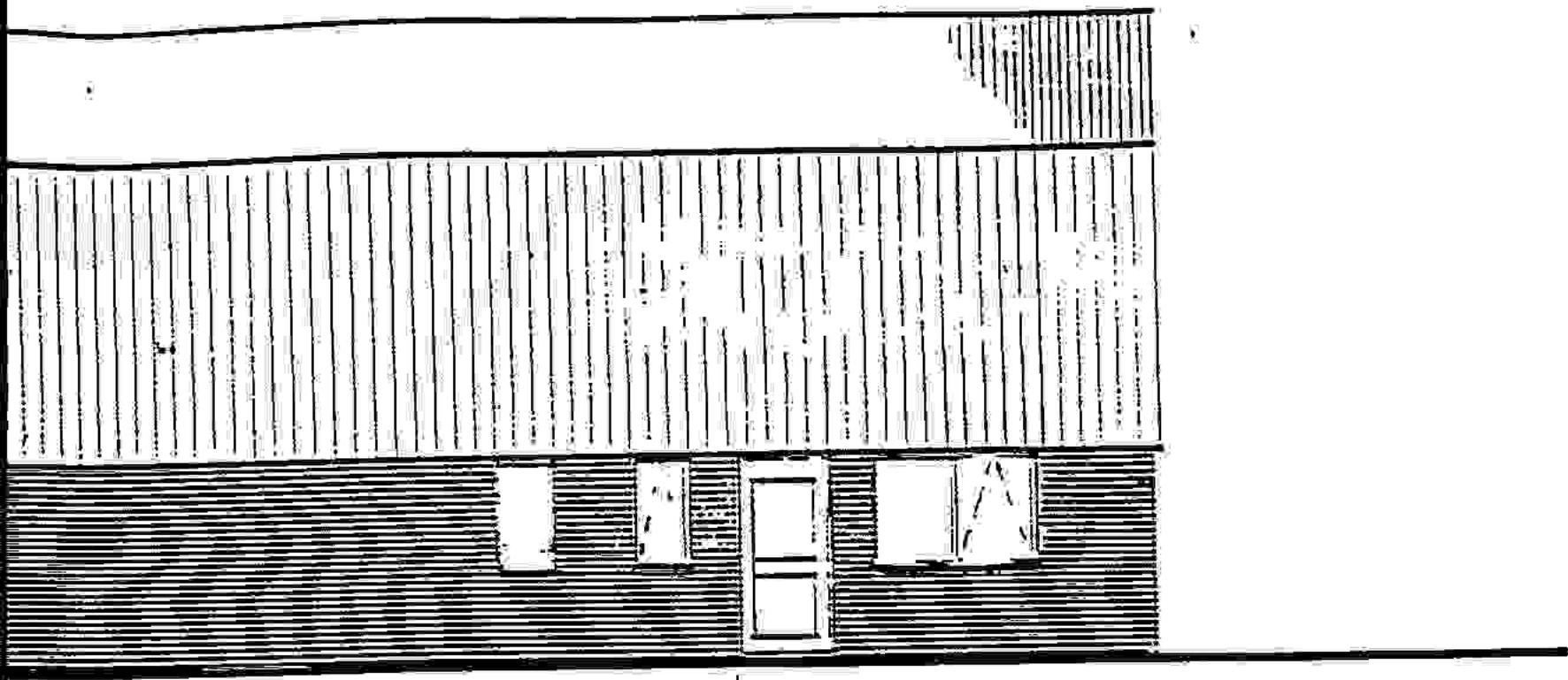


DUBLIN COUNTY COUNCIL
 Planning Dept. Planning Section
 APPL. NO. 91A/250
 16 APR 1991
 91A/250

| | |
|--|--|
| GERARD SPILLANE DESIGN ASSOCIATES architects/interior designers 21 LR. BAGGOT STREET DUBLIN 2 | 44 CHERRY ORCHARD INDUSTRIAL ESTATE |
| | C.A.F. TRADING COMPANY LTD. |
| | FLOOR PLAN FEB. 1991 1:100 |



FRONT ELEVATION
1:100



GERARD SPILLANE DESIGN ASSOCIATES
architects / interior designers
21 LR. BAGGOT STREET
DUBLIN 2

DRG. NO.
91.10.2

| | |
|--|-------|
| 44 CHERRY ORCHARD INDUSTRIAL ESTATE | |
| C.A.F. TRADING COMPANY LTD. | |
| ELEVATION | |
| FEB. 1991 | 1:100 |

COMHAIRLE CHONTAE ÁTHA CLIATH

RECEIPT CODE

PAID BY

DUBLIN COUNTY COUNCIL

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

CHEQUE

M.D.

B.L.

I.T.

REC N 35524

£ 70 00

Received this

16th day of April

1991

from C.A.F. Trading Co. Ltd

9111 250

the sum of

seventy

Pounds

Pence, being

60 for 100

application at 44 Cherry Orchard Ind Est

Muhammad O'Han

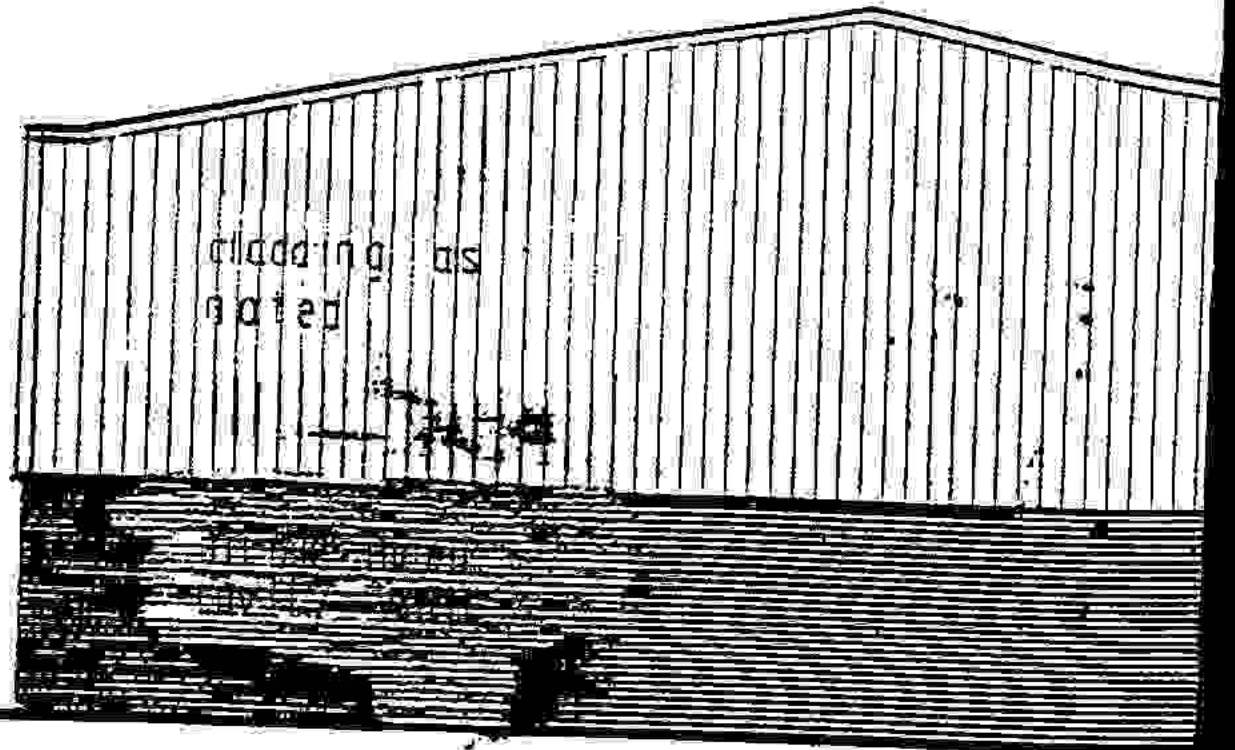
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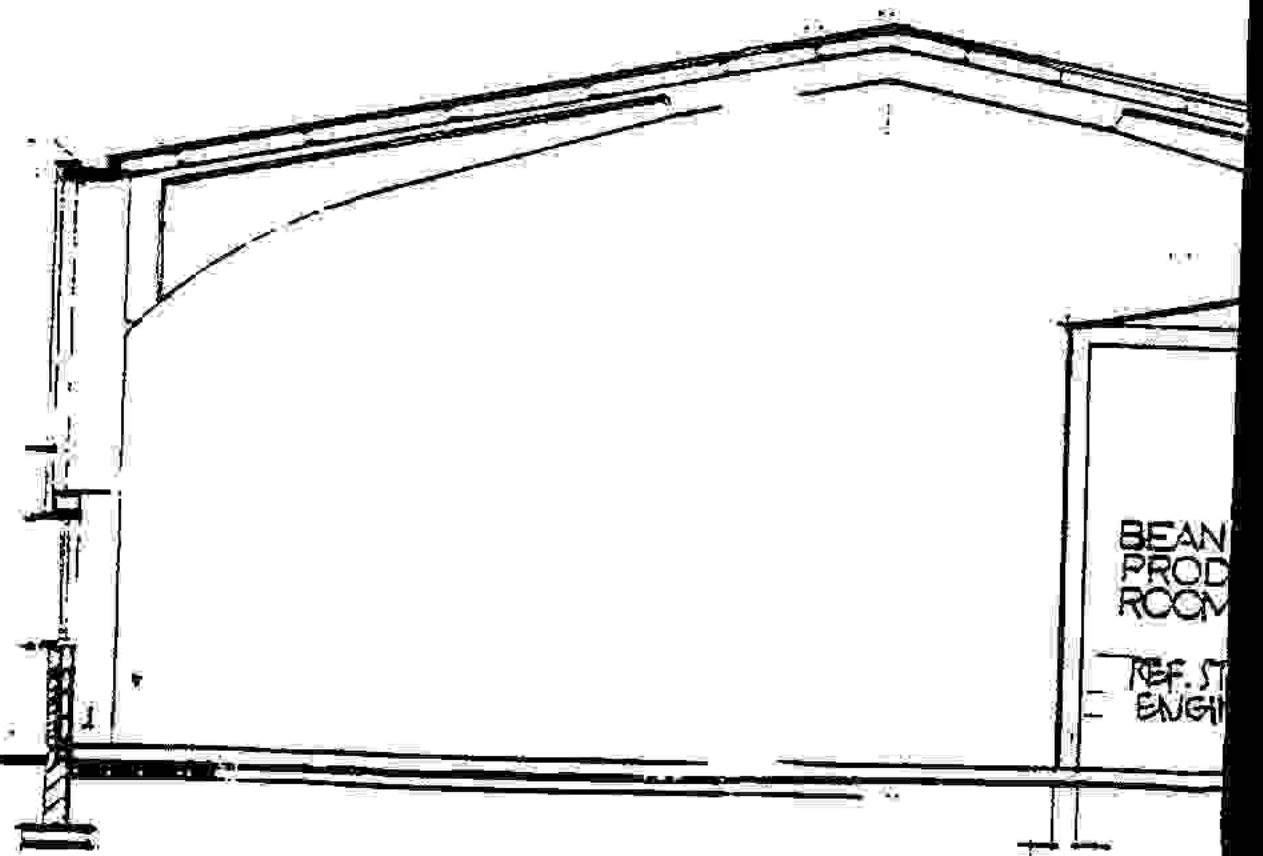
S. CAREY
Principal Officer

Class
E

EXTENT OF UNIT 44

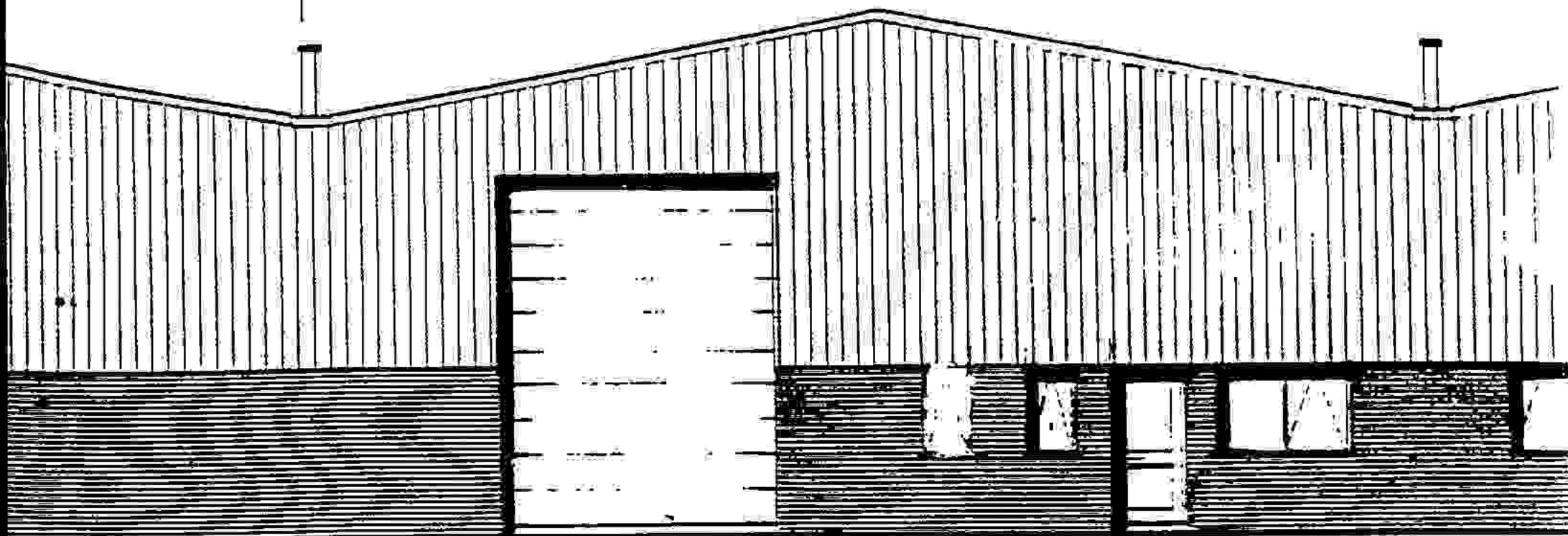


SIDE ELEVATION
1 : 100



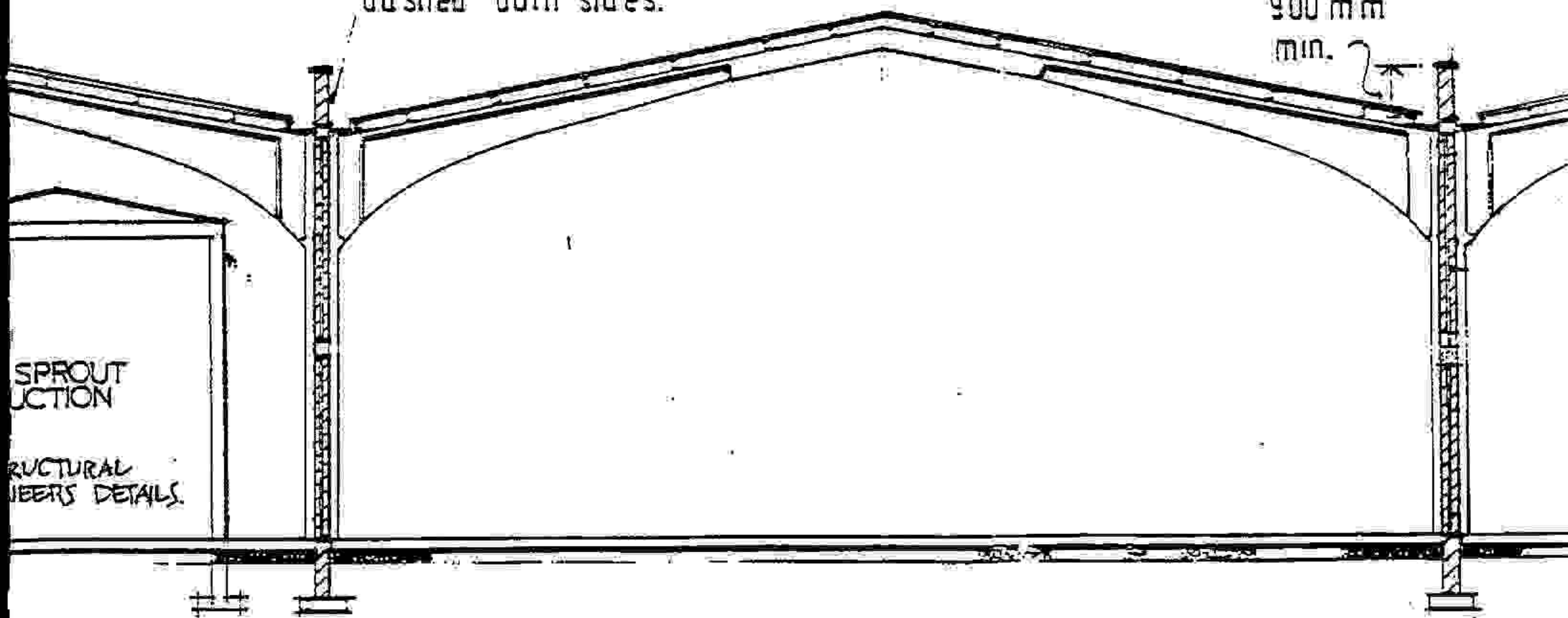
SECTION A-A
1 : 100

ADJOINING UNIT



225 solid block fire wall plastered & dashed both sides.

900 mm
min.



SPROUT
UNCTION

STRUCTURAL
MEMBERS DETAILS

GERARD SPILLANE DESIGN ASSOCIATES
 architects / interior designers
 21 LR. BAGGOT STREET
 DUBLIN 2

DRG. NO.
 91.10.3

44 CHERRY ORCHARD
 INDUSTRIAL ESTATE

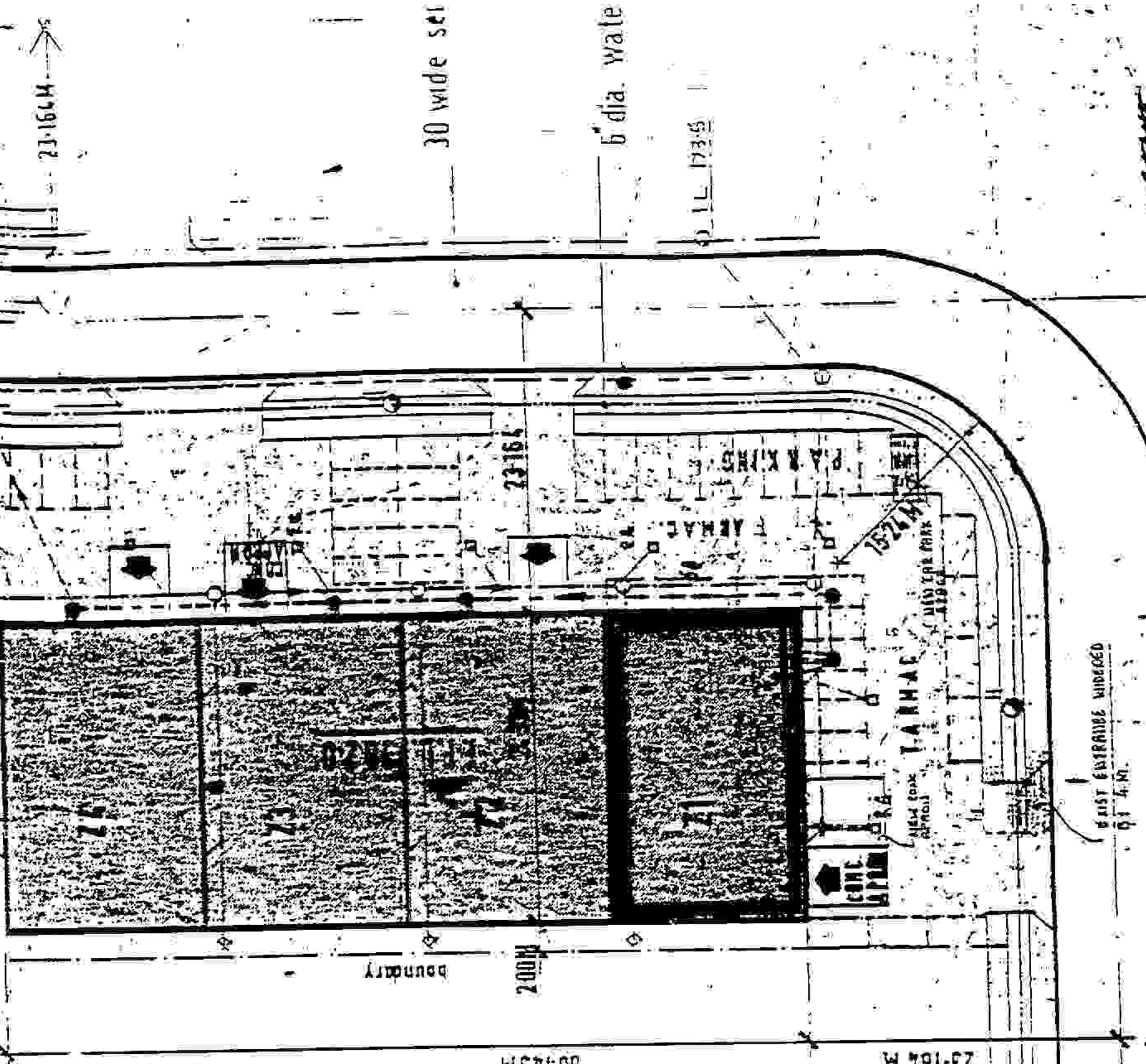
C.A.F. TRADING COMPANY LTD.

ELEVATION + SECTION

FEB. 1991

1:100

NOTE
NO. OF CAR SPACES SHOWN
FOR UNITS Ref: 71 - 4 = 56



INDUSTRIAL ESTATE
CHERRY ORCHARD
UNIT 144
SCALE 1:500
SITE MAP

MARK O'REILLY + ASSOCIATES

CONSULTING ENGINEERS

GREENMOUNT HOUSE
HAROLD'S CROSS ROAD
DUBLIN 6 W.

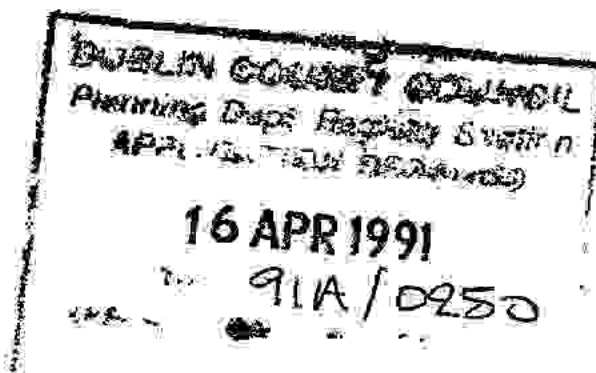
TEL: 53 44 23 FAX: 54 44 78

MARK O'REILLY, BE, CEng, MICE, MIEI, CDipAF, ACIARB.

JOHN BAILEY, BA, BAI, DipPM, MSc, CEng, MIEI.

UNIT 44, CHERRYORCHARD IND. EST.
C.A.F TRADING CO.

STRUCTURAL CALCULATIONS.



PROJECT NO : R49

ARCHITECT : GERARD SPILLANE.

DATE : MARCH, 1991.

MARK O'REILLY + ASSOCIATES
 CONSULTING ENGINEERS
 GREENMOUNT HOUSE
 HAROLD'S CROSS ROAD
 DUBLIN 6

TEL: 53 45 25

Title *Units 44 Cherry Orchard*
C.A.P. Trading Co

Project No.

149

Element

Roof Truss

Page No.

01

Drawing

Calcs. by

EF

Checked

Date

22/5/91

Ref.

CALCULATIONS

OUTPUT

Roof Truss

Loadings

8.0 Imp. 1.6' 8.0
0.5 dead 1.4' 0.42
5.5 Imp. 8.42

Use G.S grade
Poplar
whitewood
or S.E.S Timber
15 SK 11
throughout

As growing process is humid
use wet stresses for timber

Truss 44 x 225 - 300%

SI 2' 1.25 x 10⁶ mm³/m
IV 41.76 x 10⁶ mm³/m

Truss
44 x 225 - 300%
bracing 1550%

2. Max 1.1 x 5.6 x 8 x 123 x 6.1 mm/m

Use Treated
Timber

5.3 x 6' 7' L 1 5.03 m

1005 L 5 x 5.3 x L²
384 x 6440 x 41.76 x 10⁶

Truss
19 mm
shear ply

SI 2265 mm

Support beams

(51)

Span 5.4 m

Loadings
8.42 x 2.2 18.6
5.42 1.4
20.0 Imp

SI 20 x 5.4² 7510 mm

S = 20 x 5.4 1 54 Imp

Truss 203 x 153 x 30 dB

Max 86 mm
I 2490 mm²

MARK O'REILLY + ASSOCIATES
 CONSULTING ENGINEERS
 GREENMOUNT HOUSE
 HAROLD'S CROSS ROAD
 DUBLIN 6

TEL: 53 45 25

Title
 CAP Trading G

Element
 Roof Deck

Drawing

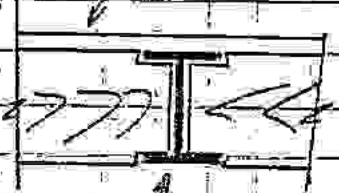
Calcs. by
 E.S.

Checked

Project No.

Page No.

Date
 22/5/91

| Ref. | CALCULATIONS | OUTPUT |
|------|--|---|
| | <u>Support Beams (Col Col)</u> | |
| | 6/2 | <u>Beam 01</u> |
| | 5' 5' x 11 = 5400 | 19mm plywood |
| | 584 x 200 x 12 ² = 2890 x 10 ⁴ | Decking |
| | 21.2mm |  |
| | max allowable defl ⁿ = 5400 / 27mm = 200 | |
| | → 200 x 200 x 12 ULS | 203 x 203 x 50 ULS |
| | | |
| | <u>Beam 02</u> | 44 x 225 joists |
| | Span 4.2m | |
| | loading 1/4 load of 108 kN @ mid span | <u>Beam 02</u> |
| | 1/4 108 x 4.2 = 113.4 kNm | 203 x 203 x 46 ULS |
| | 5' 108 x 4.2 = 54 kNm | |
| | → 203 x 203 x 46 ULS | |

MARK O'REILLY + ASSOCIATES
 CONSULTING ENGINEERS
 GREENMOUNT HOUSE
 HAROLD'S CROSS ROAD
 DUBLIN 6
 TEL: 53 45 25

Title
 CAP Trading Co

Project No.

Element

Page No.

Columns

03

Drawing

Calcs. by

Checked

Date

J.S.

22/3/91

Ref.

CALCULATIONS

OUTPUT

Columns

Basal load = 34 kN Bay 60 kN

Moment

Assume wind load of 17 kN/m²

Panel width = 5.4m

∴ W = 1.4 × 5.4 × 17 = 8.3 kN/m

ht of col. = 5m

∴ M = 8.3 × 5² / 8 = 16.6 kNm

Moment due to eccentricity of load on col.

= 60 × 0.2 = 12 kNm

∴ Total moment = 28.6 kNm

Try 152 × 152 × 23 UC.

(a) Local Capacity

$\frac{F_c}{\gamma} = \frac{60}{1.2} = 50$ $\frac{M}{\gamma} = \frac{28.6}{1.2} = 23.8$
 $\frac{F_c}{\gamma} + \frac{M}{\gamma} = 50 + 23.8 = 73.8$
 Allowable = 79 kN
 OK

$\frac{(28.6)^2}{(79)^2} + 0 = 0.54 < 0.7$ → OK

(b) Global buckling

$\frac{60}{259} + \frac{28.6}{28} + 0 = 0.7 < 0.7$ → No good.

Try 152 × 152 × 30 UC.

$\frac{60}{525} + \frac{28.6}{42} = 0.87 < 0.7$ → OK.

Columns

152 × 152 × 30 UC.

Standard steel
 End 450 E, vert.
 Splice fixed



152 × 152 × 30 UC.

MARK O'REILLY + ASSOCIATES
CONSULTING ENGINEERS

Title
Reinforcement Production Rooms

Project No.
249

Element
Foundations To Column

Page No.
04

Drawing
01

Calcs. by
SSO

Checked

Date
22/03/91

Ref.

CALCULATIONS

OUTPUT

Ch. Foundations

Max load on Pad = 60 kN

⇒ Size of 12 x 12 x 500mm deep Pad.

Allowable Bearing Pressure = 100 kN/m²

⇒ Capacity = 12 x 12 x 100 = 144 kN

⇒ 144 > 60 kN = Size OK

*1200 x 1200 x 500mm
dp. R.C. Pad*

Steel Reinforcement

*Manual for
R.C. Building
Structures
Tb 39*

Require Min Area of Steel

⇒ Min Area of Steel = 0.13 x 1% of Area.

= 0.13 x 1200 x 500 x 0.01 = 780 mm²

⇒ 2 No Layers of #293 Mesh

= 786 mm

OK

Shear

$$v = \frac{1000 N}{2(C_c + C_s)d} = \frac{1000 \times 60}{2(150 + 250)500} = 0.12 N/mm^2$$

$$v_c = 0.8 \sqrt{f_{cu}} = 0.8 \sqrt{35} = 4.7 N/mm^2$$

OK

Ref.

CALCULATIONS

OUTPUT

Block Panel

5.4m long x 4.25m high

Wind load

taking that the opening of a Personnel door in the existing factory will cause a dominant opening

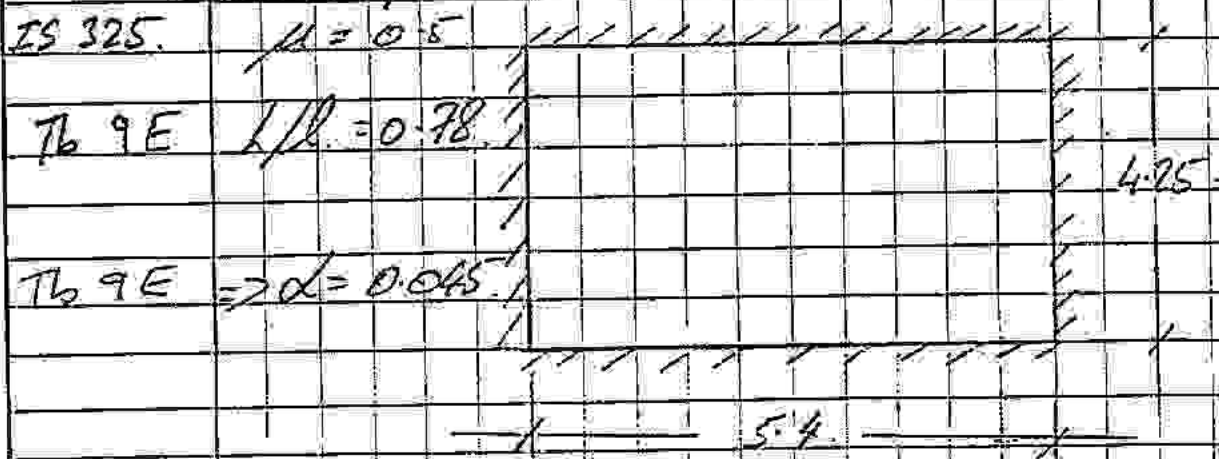
$\Rightarrow V_1 = 46 \quad V_2 = 46 \times 0.55 \times 1 \times 1$

CPS Chart Pt 2 1979
 $S_1 = 1$
 $S_2 = 0.55$
 $S_3 = 1$
 $V_3 = 25.7 \text{ m/s}$

$q = K V_3^2 = 0.613 \times 25.7^2 = 392.4 \text{ N/m}^2$

$\Rightarrow q = 0.4 \text{ kN/m}^2$

Block Panel



Moments

$M_1 = 1.2 \times 0.4 \times 0.045 \times 5.4^2 = 0.63 \text{ kNm/m}$

$M_2 = 0.5 \times 1.2 \times 0.4 \times 0.045 \times 5.4^2 = 0.315 \text{ kNm/m}$

MARK O'REILLY + ASSOCIATES
CONSULTING ENGINEERS

Title
Reinforcement Production Room

Project No.
249

Element
Block Panel

Page No.
06

Drawing
01

Calcs. by
DJO

Checked

Date
12/03/91

Ref.

CALCULATIONS

OUTPUT

$$\frac{W}{6} = \frac{0.72 \times 1000 \times 215}{6} = 5547 \times 10^6 \text{ min/m Hollow Blocks}$$

$$M_1 = \frac{5.547 \times 0.5}{1.5} = 0.99$$

$$M_{12} = \frac{0.99}{2} = 0.395$$

Block Panel
OK



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

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

Decision Order Number : P/ 1558 /91 Date of Decision : 16th April 1991

Register Reference : 91A/0250 Date Received : 26th February 1991

Applicant : C.A.F. Trading Company Limited

Development : use of existing light industrial building for food
processing and packaging unit

Location : 44 Cherry Orchard Industrial Estate, Ballyfermot

Time Extension(s) up to and including :

Additional Information Requested/Received : //

In pursuance of its functions under the above mentioned Acts, the Dublin
County Council, being the Planning Authority for the County Health
District of Dublin, did by Order dated as above make a decision to
GRANT PERMISSION in respect of the above proposal.

Subject to the conditions on the attached Numbered Pages.

NUMBER OF CONDITIONS:-ATTACHED.

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

Date: 18/4/91

Gerard Spillane Design Associates
21 Lr. Baggot Street,
Dublin 2.

NOTES

1. 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 this decision.

2. An appeal shall be in writing and shall state the subject matter and grounds of appeal. It should be addressed to:-

An Bord Pleanala,
Blocks 6 and 7
Irish Life Centre,
Lower Abbey Street,
Dublin 1.

3. An appeal lodged by an applicant or his agent with An Bord Pleanala will be invalid unless accompanied by the prescribed fee.

(a) An appeal against a decision relating to commercial development by the person by whom the application was made must be accompanied by a fee of £100 (one hundred Pounds).

"Commercial Development" means development for the purposes of any professional, commercial or industrial undertaking, development in connection with the provision for reward of services to persons or undertakings, or development consisting of the provision of two or more dwellings, but does not include development for the purposes of agriculture.

(b) An appeal other than an appeal mentioned at (a) above, including third party appeal must be accompanied by a fee of £50 (fifty pounds)

(c) A party to an appeal making a request to An Bord Pleanala for an Oral Hearing of an appeal must, in addition to the prescribed fee, pay to An Bord Pleanala a fee of £50 (fifty pounds).

(d) A person who is not a party to an appeal must pay a fee of £15 (fifteen pounds) to An Bord Pleanala when making submissions or observations to An Bord Pleanala in relation to an appeal.

4. If the Council makes a decision to grant permission/approval and 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 an appeal. If every appeal made in accordance with the Acts has been withdrawn, the Council will grant the PERMISSION/APPROVAL after the withdrawal.

5. Approval of the Council under the 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.

Reg.Ref. 91A/0250
Decision Order No. P/ 1558 /91
Page No: 0002



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

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

01 The development to be carried out in its entirety in accordance with the plans, particulars and specifications lodged with the application save as may be required by the other conditions attached hereto.

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

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

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

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

REASON: In the interest of health.

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

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

05 That the water supply and drainage arrangements, including the disposal of surface water, be in accordance with the requirements of the County Council.

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

06 That off-street car parking facilities and parking for trucks be provided in accordance with the Development Plan Standards.

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

07 That the area between the building and roads must not be used for truck parking or other storage or display purpose, but must be reserved for car parking and landscaping as shown on lodged plans.

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

08 That details of landscaping and boundary treatment be submitted to and agreed in writing by Planning Authority prior to occupation of unit.

REASON: In the interest of amenity.

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

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

NOTE: Works necessary to meet the requirements of the foregoing conditions may involve development as defined in the Planning Acts



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

Reg.Ref. 91A/0250

Decision Order No. P/ 1558 /91

Page No: 0003

1963-1990, and in respect of which a further planning application may be required.

NOTES

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

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



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

Register Reference : 91A/0250

Date : 26th February 1991

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

Dear Sir/Madam,

DEVELOPMENT : use of existing light industrial building for food
processing and packaging unit

LOCATION : 44 Cherry Orchard Industrial Estate, Ballyfermot

APPLICANT : C.A.F. Trading Company Limited

APP. TYPE : PERMISSION

With reference to above, I acknowledge receipt of your application received
on 26th February 1991.

Yours faithfully,

.....
PRINCIPAL OFFICER

Gerard Spillane Design Associates
21 Lr. Baggot Street,
Dublin 2.



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

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

2. Postal address of site or building 44 CHERRY ORCHARD INDUSTRIAL ESTATE
 (If none, give description sufficient to identify) BALLYFERMOT DUBLIN 12

3. Name of applicant (Principal not Agent) MR. DEREK LUK
 Address ROYAL GARDEN CLARENDON STREET DUBLIN 2 Tel. No. _____

4. Name and address of person or firm responsible for preparation of drawings GERARD SPILLANE DESIGN ASSOCIATES
21 LR. BAGGOT STREET, DUBLIN 2 Tel. No. 613284

5. Name and address to which notifications should be sent GERARD SPILLANE DESIGN ASSOCIATES
21 LR. BAGGOT STREET, DUBLIN 2

6. Brief description of proposed development USE OF EXISTING LIGHT INDUSTRIAL/WAREHOUSE UNIT FOR FOOD PROCESSING + PACKAGING (BEAN SPROUT PRODUCTION)

7. Method of drainage PUBLIC DRAIN 8. Source of Water Supply PUBLIC SUPPLY

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

(b) Proposed use of each floor BEAN SPROUT PRODUCTION UNIT.

10. Does the proposal involve demolition, partial demolition or change of use of any habitable house or part thereof? NO
 25/2/91

11.(a) Area of Site PART OF EXISTING CHERRY ORCHARD INDUSTRIAL ESTATE Sq. m.

(b) Floor area of proposed development EXISTING INDUSTRIAL UNIT 360M² (3875 FT²) Sq. m.

(c) Floor area of buildings proposed to be retained within site 360M² 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.

FEE PAID 40
 RECEIPT NO. N34007

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

15. Documents enclosed with 4 COPIES DRG. NO. 91-10-1 FLOOR LAYOUT PLAN

4 COPIES ELEVATIONS / SECTION / SITE MAP / LOCATION MAP
NEWSPAPER NOTICE

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

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

Fee Payable £ 40 Basis of Calculation COMPLYING WITH CONDITION NO. 6 RE SPECIFIC USER

If a reduced fee is tendered details of previous relevant payment should be given PERMISSION OF ORIGINAL PLANNING PERMISSION
ORIGINAL PERMISSION P/1842/79 Reg. Ref. RA. 1888

Signature of Applicant (or his Agent) G. Spillane Date FEB 25 1991

Application Type P

Register Reference 91A/0250

Amount Received £ 1.20.0

Receipt No _____

Date _____

FOR OFFICE USE ONLY
 26 FEB 1991
 Reg. Sec 26/7

DUBLIN 12 - Permission is sought for use of existing light industrial building for food processing and packaging unit at 44 Cherry Orchard Industrial Estate, Ballyfermot by C.A.F. Trading Company Limited.

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

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

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

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

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

INDUSTRIAL DEVELOPMENT:

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

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

PLANNING APPLICATIONS

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

BUILDING BYE-LAW APPLICATIONS

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

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

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

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

COMHAIRLE CHONTAE ATHA CLIATH

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

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

Issue of this receipt is not an
acknowledgement that the fee
tendered is the prescribed application
fee. N 34007

€40.00

26th day of February 1991

Received this from CAF Trading Co Ltd

the sum of forty

Pounds Pence, being 4 planning

application at 44 Cherry Orchard Industrial Estate

Michael O'Hara

Cashier

S. CAREY
Principal Officer

Class

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(K40)

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Y7
Y8
Y9
Y10
Y11

PREVIOUSLY
Z1

76

BALLYFERMOT ROAD

INDUSTRIAL ESTATE AT BALLYFERMOT CO. DUBLIN

26 FEB 1994
REG NO 9147
APPLICATION TYPE CIP/A/RE
NO L D

PUBLIC COUNTY CO
REG NO 251
CIP/A/RE

CHERRY ORCHARD

DO NOT SCALE

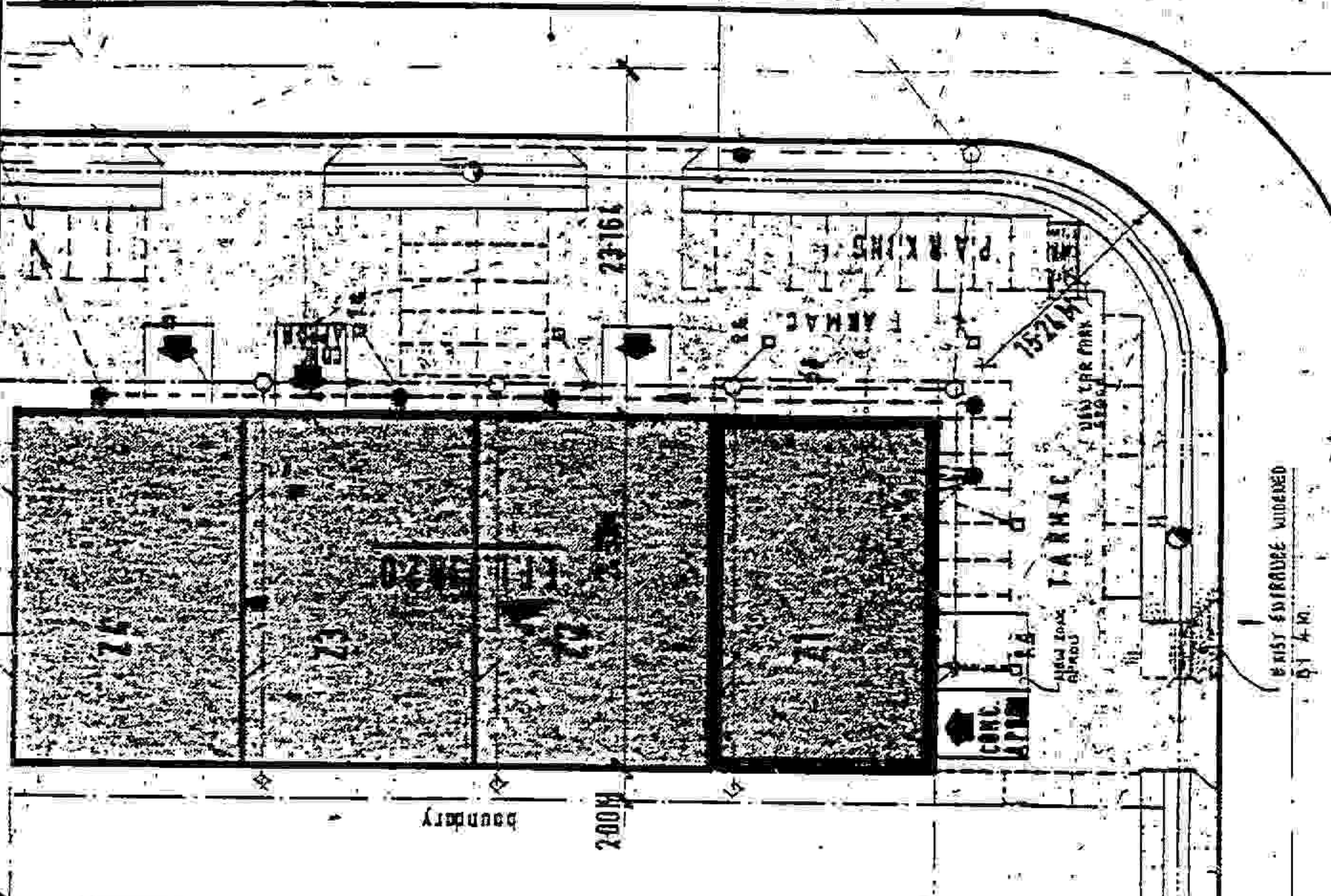
KENNELSFORD I. RD 2-9

23-164M

30 wide set

6 dia. wate

IL 1735



boundary

200M

W 671-09

W 791-EZ

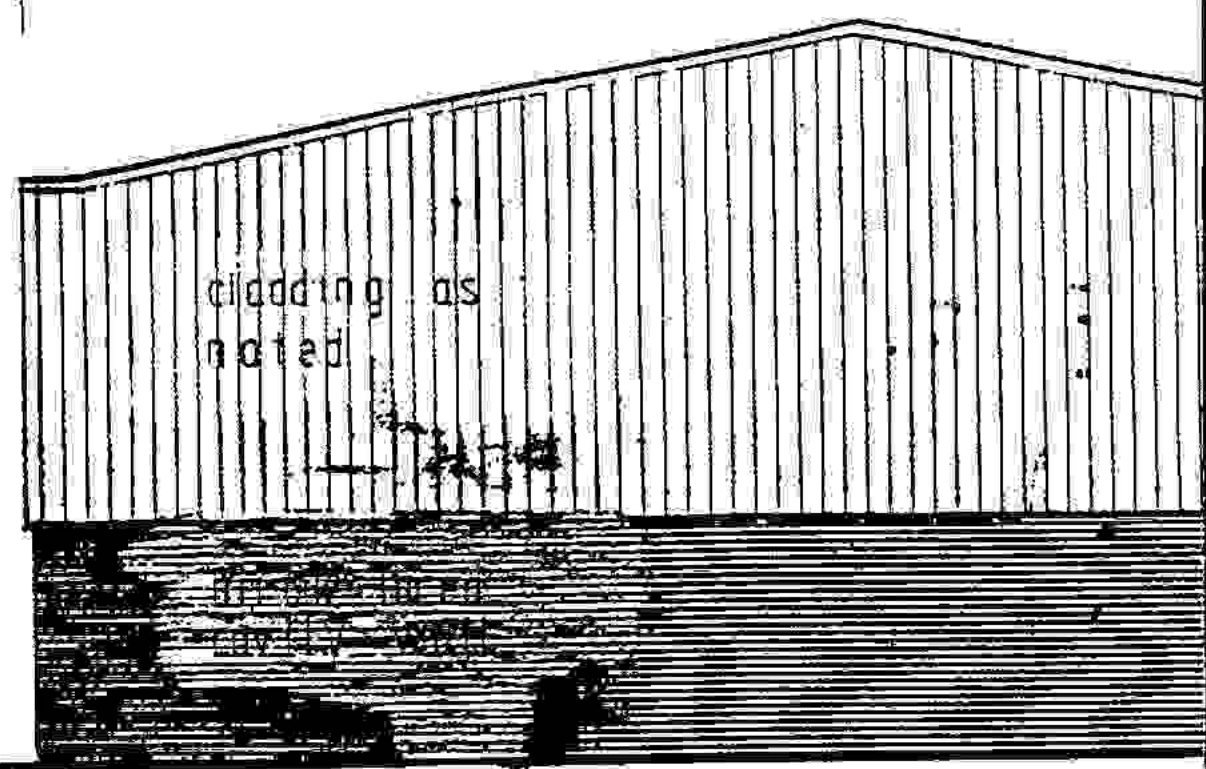
NOTE
 NO. OF CAR SPACES SHOWN
 FOR UNITS Ref: 71-4 = 56

PLANNING DEPT. APPLICATION RE
 26 FEB 1991
 Q/A 0250
 REG. NO. ...
 INVESTIGATION TYPE O/I/A/B
 No. L D S

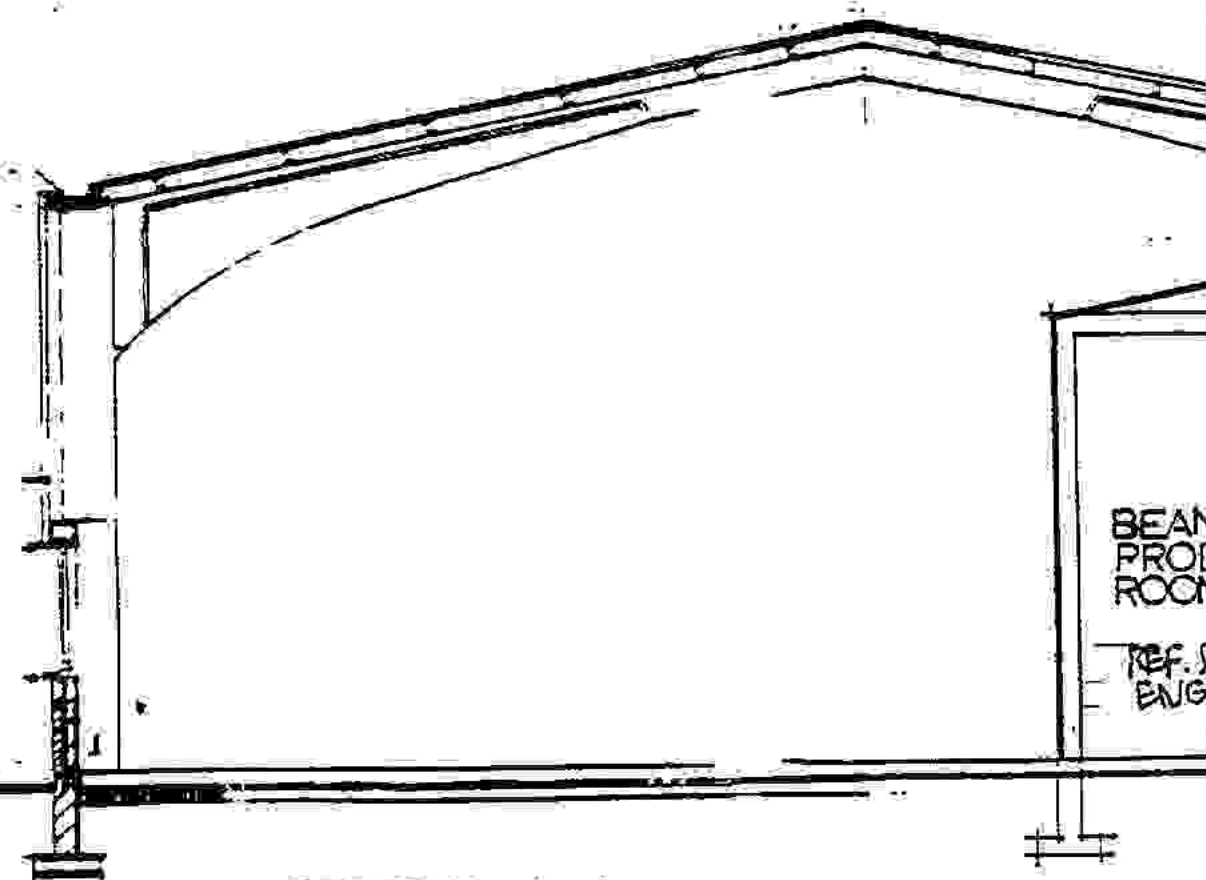
EXIST. ENTRANCE WIDENED BY 4 M.

UNIT 144 CHERRY ORCHARD INDUSTRIAL ESTATE
 SCALE 1:500
 SITE MAP

EXTENT OF UNIT 44



SIDE ELEVATION
1 : 100

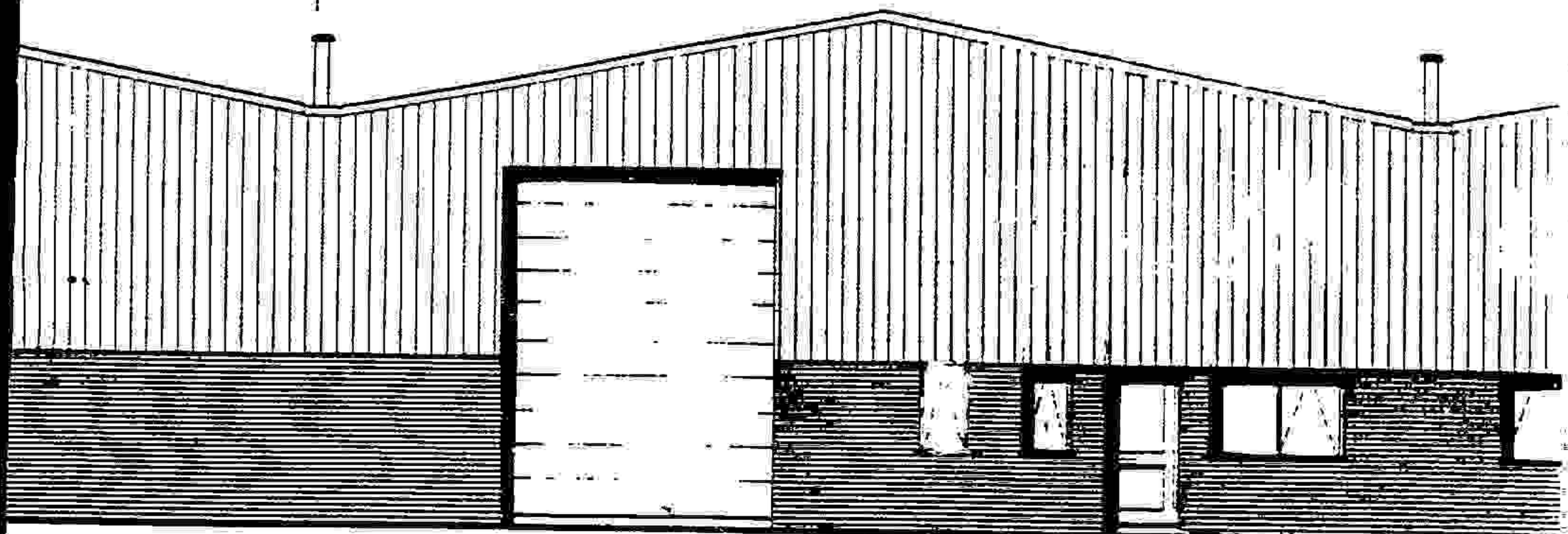


SECTION A-A
1 : 100

5'-4.86
eaves
ht.

BEAM
PROF
ROOM
REF. S
ENGR

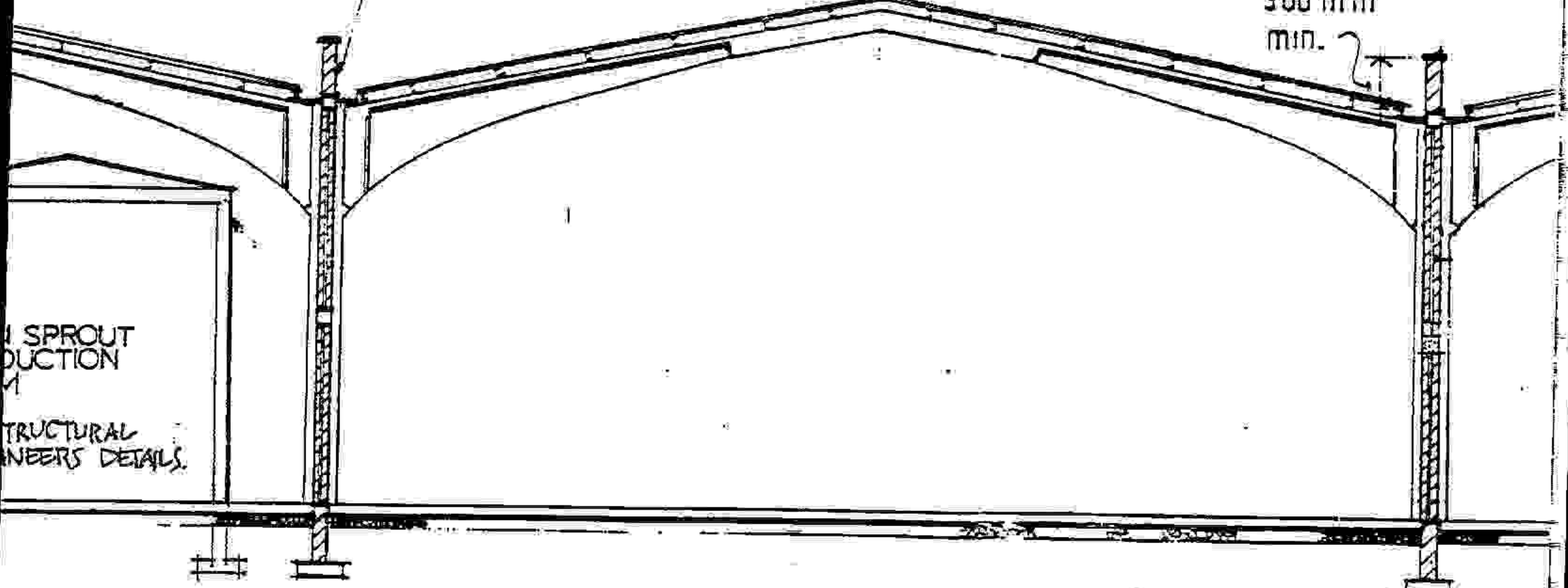
ADJOINING UNIT



DUBLIN COUNTY COUNCIL
Planning Dept. Registry Section
APPLICATION RECEIVED
26 FEB 1991
REG. NO. 91A/0230
APPLICATION TYPE O/P/A/BB
No. L D S

225 solid block fire
wall plastered &
dashed both sides.

900 mm
min.



SPROUT
DUCTION
STRUCTURAL
ENGINEERS DETAILS.

GERARD SPILLANE DESIGN ASSOCIATES
architects/interior designers
21 LR. BAGGOT STREET
DUBLIN 2

DRG. NO.
91.10.3

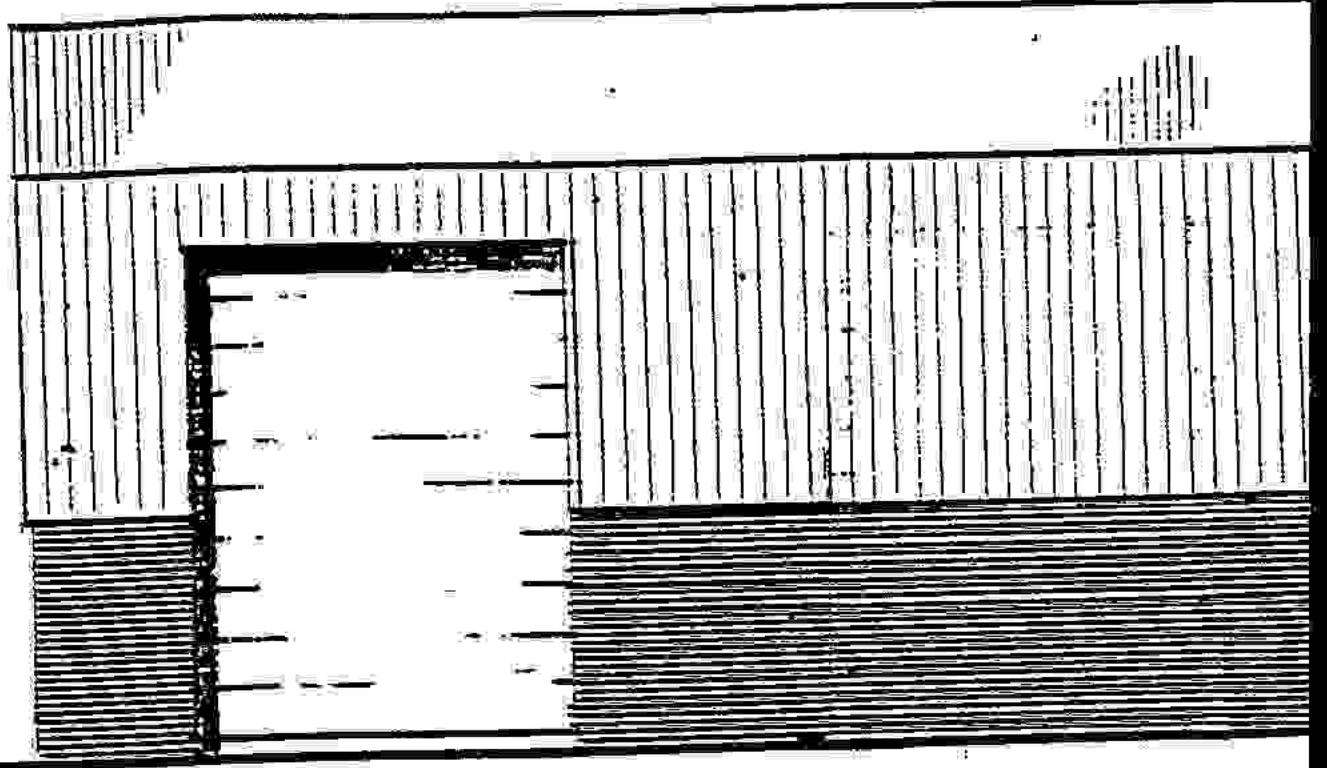
44 CHERRY ORCHARD
INDUSTRIAL ESTATE

C.A.F. TRADING COMPANY LTD.

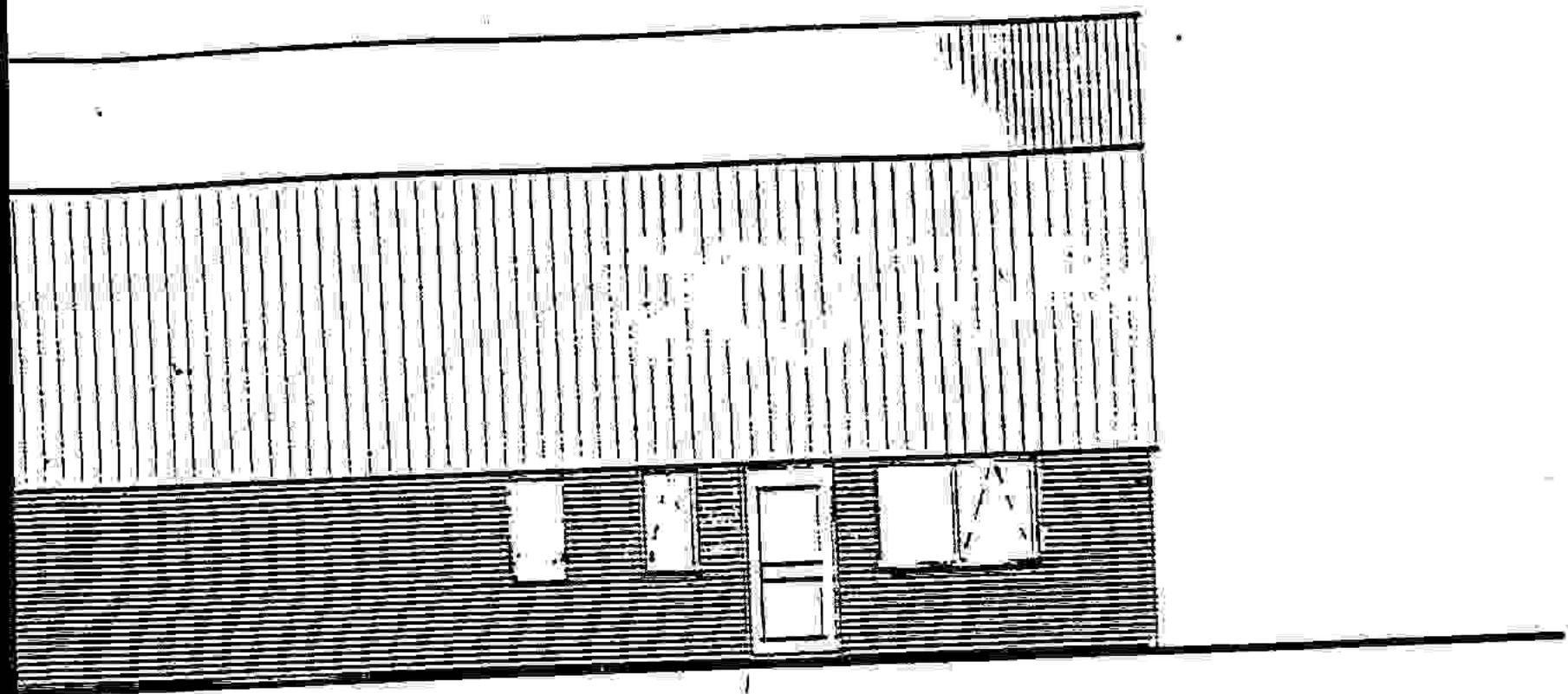
ELEVATION + SECTION

FEB. 1991

1:100



FRONT ELEVATION
1:100



DUBLIN COUNTY COUNCIL
Planning Dept. Registry Section
APPLICATION RECEIVED
26 FEB 1991
REG NO. 91A/0250
APPLICATION TYPE O.P.S.
NO L.C.

GERARD SPILLANE DESIGN ASSOCIATES
architects / interior designers
21 LR. BAGGOT STREET
DUBLIN 2

DES. NO.
91.10.2

| | |
|--|-------|
| 44 CHERRY ORCHARD INDUSTRIAL ESTATE | |
| C.A.F. TRADING COMPANY LTD. | |
| ELEVATION | |
| FEB. 1991 | 1:100 |

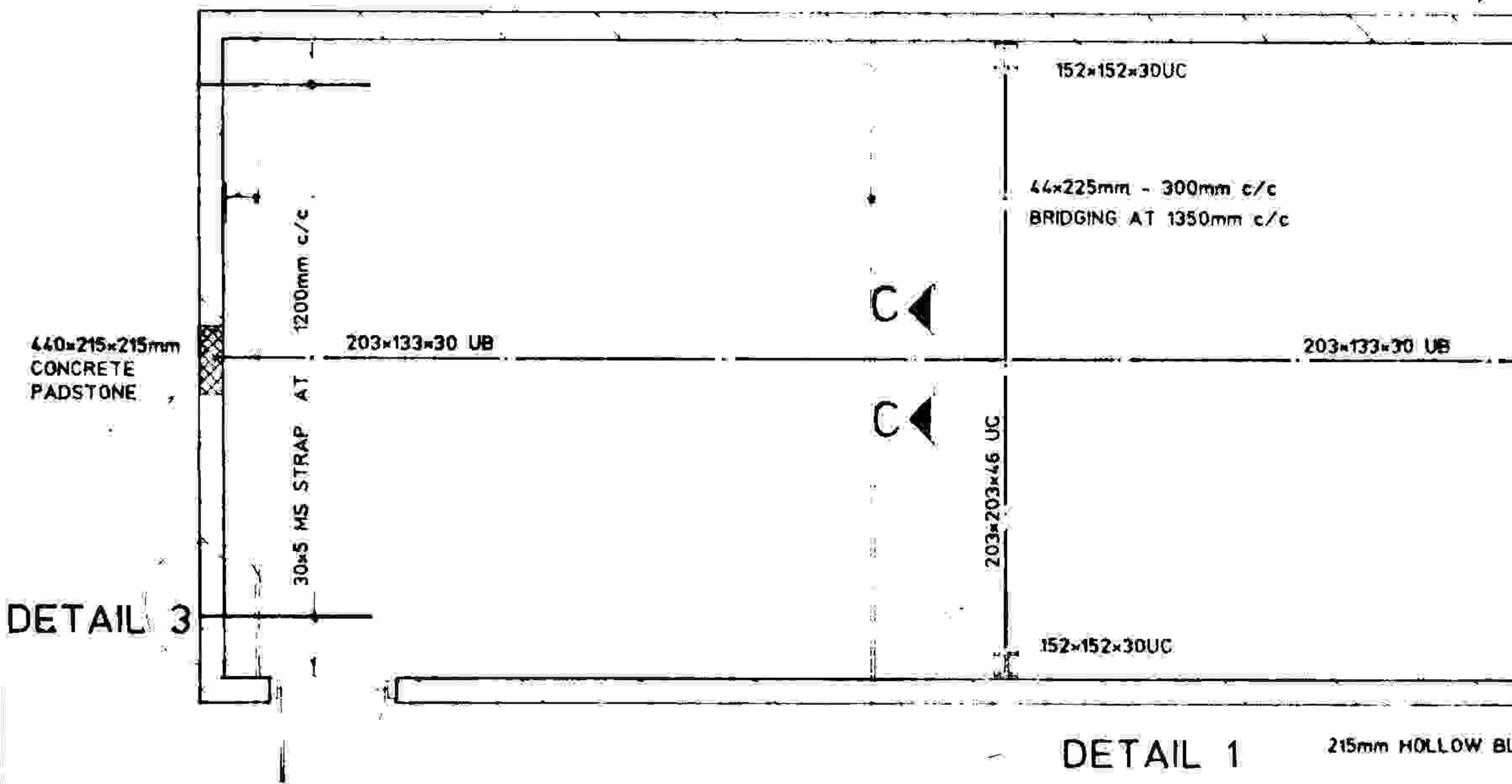
15 m



ROLLER SHUTTER

DETAIL 2

215mm HOLLOW BLOCKWORK



ROOF PLAN Scale 1 : 50