

Mr. Thomas Murphy,
4 Upper Hollybank Avenue,
Ranelagh,
Dublin 6.

RW/GC

11/2/91

Re; Proposed Dock leveller Pit at Unit 71, Cookstown Ind. Estate,
for Charles Tennant & Co. (Eire) Ltd.

Dear Sir,

I refer to the above Building Bye-Law application lodged on 12/2/91.
Receipt No. N31896 issued in respect of this application has been cancelled
and replaced by Receipt No. N31511 (copy enclosed).

I should be obliged if you would return Receipt No. N31896 as soon as possible.

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.

Thomas Murphy,

4 Upper Hollybank Avenue,

Ranelagh,

Dublin 6.

14/2/91

REG. REF.: 91A/159A

RE: New Dockleveller Pit at Unit 71, Cookstown Industrial Estate, for Charles
Tennant & Co. (Eire) Ltd.

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of two months, commencing on the day the application is received, the application will be regarded as having been withdrawn.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 £ 70.00.

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

AMOUNT LODGED = £40.00

AMOUNT DUE = £30.00

Yours faithfully,



for PRINCIPAL OFFICER

REF. NO.: 91A/1591A CERTIFICATE NO.: 13974B
 PROPOSAL: New Dockleveler Pit
 LOCATION: Unit 71, Bokstown Ind. Est.
 APPLICANT: Charles Tennant & Co. (Eire) 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 foregoing classes	£70 or £9 per .1 hect. whichever is the greater					

£30 20/2/91
 N31613

£70 £40 £30

Column 1 Certified: Signed: _____ Grade: _____ Date: _____
 Column 1 Endorsed: Signed: _____ Grade: _____ Date: _____
 Columns 2,3,4,5,6 & 7 Certified: Signed: A. De Grade: III Date: 13/2/91
 Columns 2,3,4,5,6 & 7 Endorsed: Signed: _____ Grade: _____ Date: _____

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

ASSESSMENT OF FINANCIAL CONTRIBUTION

REG. REF.:

CONT. REG.:

SERVICES INVOLVED: WATER/FOUL SEWER/SURFACE WATER

AREA OF SITE:

FLOOR AREA OF PRESENT PROPOSAL:

MEASURED BY:

CHECKED BY:

METHOD OF ASSESSMENT:

TOTAL ASSESSMENT

MANAGER'S ORDERED NO: P/ /
DATED

ENTERED IN CONTRIBUTIONS REGISTER:

DEVELOPMENT CONTROL ASSISTANT GRADE

PLANNING DEPARTMENT

BOOK FOLIO

(1) Date Lodged

Unit 71 Cookstown Industrial Estate,

LOCATION: Belgard Road, Tallaght

REG. REF. 91A/0159A

12.2.91

APPLICANT: Charles Tennant & Co. (Eire) Ltd.

PROPOSAL: Dock Leveller Pit

APPLICATIONS TO BE CIRCULATED TO THE FOLLOWING:

ROADS

[Redacted]

SANITARY SERVICES

[Redacted]

CHIEF MEDICAL OFFICER

[Redacted]

DEVELOPMENT PLAN TEAM

21 MAR 1991
21 MAR 1991

[Redacted]

FIRE PREVENTION OFFICER

[Redacted]

PARKS SUPERINTENDENT

[Redacted]

VETERINARY OFFICER

[Redacted]

NOTES

Exempt

REFER TO:

R. Ceminis S.E.P.

Senior Executive Development Controller

13-3-91

PLANNING DEPARTMENT BOOK FOLIO

(1) Date Lodged
12.2.91

Unit 71 Cookstown Industrial Estate,
LOCATION: Belgard Road, Tallaght

REC. REF. 91A/0159A

APPLICANT: Charles Tennant & Co. (Eire) Ltd.

PROPOSAL: Dock Leveller Pit

(2) Date referred

ROADS DEPARTMENT OBSERVATIONS:

(For use by Planning Control Section)

(3) Rec'd Roads Department:

1) Application logged on Control Sheets... YES 0/S

2) Type of application

- a) full permission b) outline c) approval
- d) added information e) compliance with conditions

(4) Dispatched by Roads Dept:

3) Details provided

- a) North point, b) Adequate location map, c) Site outlined

4) Effect on proposal by road reservations

- a) Site affected by road reservations. Directly/Indirectly
- b) Reservation(s) shown. Correctly/Incorrectly/Approx.
- c) Details of other roads proposals nearby

(5) Rec'd Planning

5) Previous planning history

a) Applications to Local Authority:

Reg.Refs.:

Date Lodged:

(6) Date to Planner

b) Applications to An Bord Pleanala

Reg.Refs.:

Decision Dates:

Site observations Access.....

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

(9) Decision due:

Margin width: Front.....Side.....

Carriage width.....Footpath.....

Relocate poles/service Pipe Ditches

Construct footpath.....Kerbs.....

(8) D.P.O. Report submitted to S.A.O.

Endorsed;

DATE:

COMMENTS:

COMHAIRLE CHONTAE ÁTHA CLIATH

DUBLIN COUNTY COUNCIL

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

BYE LAW APPLICATION.

REC. No N 31613

PAID BY

CASH

CHEQUE

M.O.

B.L.

I.T.

£ 30.00

Received this

21st day of February 1991

from Thomas Murph
4 Upper Hollybank Avenue

the sum of thirty Pounds

Pence, being 00/00

application (Balance 912/1592)

Michael O'Hare Cashier

S. CAREY
Principal Officer

Class
F

20 FEB 91

Fenton-Simons
Planning and Development Consultants

29 Fitzwilliam Place, Dublin 2.
Tel: 686042/610344/610936 Fax: 766232

To:

Attached find cheque for full

From:

Bye Law fee.

With Compliments

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.

Thomas Murphy,
4 Upper Hollybank Avenue,
Ranelagh,
Dublin 6.

14/2/91

REG. REF.: 91A/159A

RE: New Dockleveller Pit at Unit 71, Cookstown Industrial Estate, for Charles
Tennant & Co. (Eire) Ltd.

20 FEB 91

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 £ 70.00.

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

AMOUNT LODGED = £40.00
AMOUNT DUE = £30.00

Yours faithfully,


for PRINCIPAL OFFICER

£30.00 paid
19/2/91
[Signature]

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

22nd February, 1991

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

LOCATION: Unit 71 Cookstown Industrial Estate, Belgard Road, Tallaght
PROPOSED DEVELOPMENT: Dock Leveller Pit
APPLICANT: Charles Tennant & Co. (Eire) Ltd.
PLANNING REG. REF.: 91A/0159A
DATE OF RECEIPT
OF SUBMISSION: 12th February, 1991

A Chara,

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

Building Bye-Law Approval & Claim for Exemption

Mise, le meas

A. Smith

PRINCIPAL OFFICER

Mr. Thomas Murphy,

4 Upper Hollybank Avenue,

Ranelagh,

Dublin 6.



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 CHARLES TENNANT + CO. LTD. UNIT 71.
(If none, give description sufficient to identify) COOKSTOWN INDUSTRIAL ESTATE, BELGARD RD. TALLAGHT D. 24

3. Name of applicant (Principal not Agent) CHARLES TENNANT + CO. (FIRE) LTD.
Address UNIT 71 COOKSTOWN INDUSTRIAL ESTATE. Tel. No. 514099.

4. Name and address of THOMAS MURPHY. 4 UPPER HOLLYBANK AVE.
person or firm responsible for preparation of drawings RANELAGH DUBLIN 6. Tel. No. 965473.

5. Name and address to which THOMAS MURPHY, 4, UPPER HOLLYBANK AVE.
notifications should be sent RANELAGH, DUBLIN 6.

6. Brief description of proposed development PROPOSED NEW DOCKLEVELLER PIT.

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

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. INDUSTRIAL

(b) Proposed use of each floor INDUSTRIAL

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 4.17A Sq. m.

(b) Floor area of proposed development N/A. Sq. m.

(c) Floor area of buildings proposed to be retained within site 1100 Sq. m.

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

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

REC. No. N 31511 / 10.

14. Please state the extent to which the Draft Building Regulations have been taken in account in your proposal: It is the practice of these officers to take account of the Draft Bldg Regs. 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 provisions of the draft Bldg Regs. have been implemented in full or in any particular respect in this proposal.

15. List of documents enclosed with application. ARCHIS. LETTER OF INTRODUCTION, DRAWINGS NOS. CT 001 REV I; CT 002 REV 0; SK CT 01. ENGINEERS DETS.

16. Gross floor space of proposed development (See back) N/A. Sq. m.

No of dwellings proposed (if any) N/A. Class(es) of Development F.

Fee Payable € 40.00 Basis of Calculation MIN. FEE
If a reduced fee is tendered details of previous relevant payment should be given

Signature of Applicant (or his Agent) Thomas Murphy Date 11/2/91

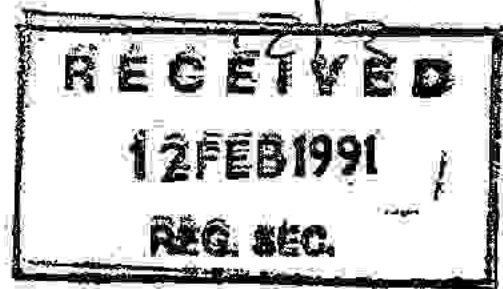
Application Type BBL/EX FOR OFFICE USE ONLY

Register Reference 91A/0159A

Amount Received € 2.60.4

Receipt No

Date



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

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

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

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

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

INDUSTRIAL DEVELOPMENT:

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

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

PLANNING APPLICATIONS

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)	£32.00 each
2.	Domestic extensions/other improvements.	£16.00	B	Domestic Extension (improvement/alteration)	£16.00 each
3.	Provision of agricultural buildings (See Regs.)	£40.00 minimum	C	Building — Office/Commercial Purposes	£1.75 per m ² (Min. £40.00)
4.	Other buildings (i.e. offices, commercial, etc.)	£1.75 per sq. metre (Min. £40.00)	D	Agricultural Buildings/Structures	£0.50 per m ² in excess of 300 sq. metres (Min. — £40.00) (Max. — £150.00)
5.	Use of land (Mining, deposit or waste)	£25.00 per 0.1 ha (Min. £250.00)	E	Petrol Filling Station	£100.00
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.	£5.00 per 0.1 ha (£40.00 min.)
7.	Provision of plant/machinery/tank or other structure for storage purposes.	£25.00 per 0.1 ha (Min. £100.00)			
8.	Petrol Filling Station.	£100.00			
9.	Advertising Structures.	£10.00 per m ² (min. £40.00)			
10.	Electricity transmission lines.	£25.00 per 1,000m (Min. £40.00)			
11.	Any other development.	£5.00 per 0.1 ha (Min. £40.00)			

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

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

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

REC. No. N 31511

Received this 12th day of February 1991

from Thomas Murphy
4 Upper Holywell Ave
D. b.

the sum of forty Pounds

one law application at Unit 71, Coolshingaun
12th Ed

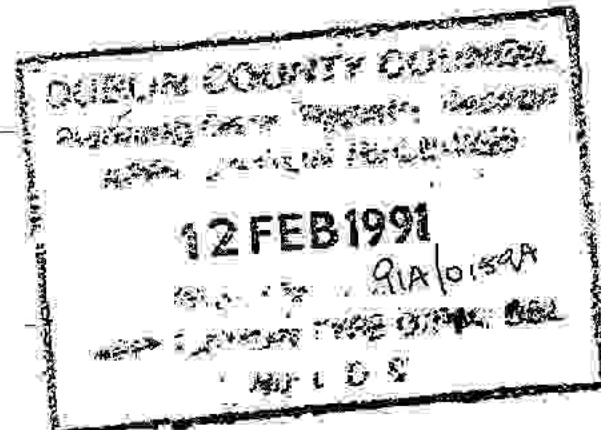
Robert Doane Cashier

S. CAREY Principal Officer

Dublin County Council,
Building Control Section,
Liffey House,
Tara Street,
DUBLIN 1.

11th February 1991.

Thomas
Murphy
DIP. ARCH., M. R. I. A. I.



RE: CHARLES TENNANT & CO. (EIRE) LTD.

UNIT 71, COOKSTOWN INDUSTRIAL ESTATE, TALLAGHT.

PROPOSED NEW DOCKLEVELLER PIT.

Dear Sirs,

On behalf of Charles Tennant & Co. Ltd., we wish to apply for your approval under the Building Bye Laws for the Proposed new Dockleveller Pit and do herein enclose two copies of our drawings no. C.T. 001 Rev. 1, C.T. 002 Rev. 0 and SKCT 001 and Engineers' details for your perusal.

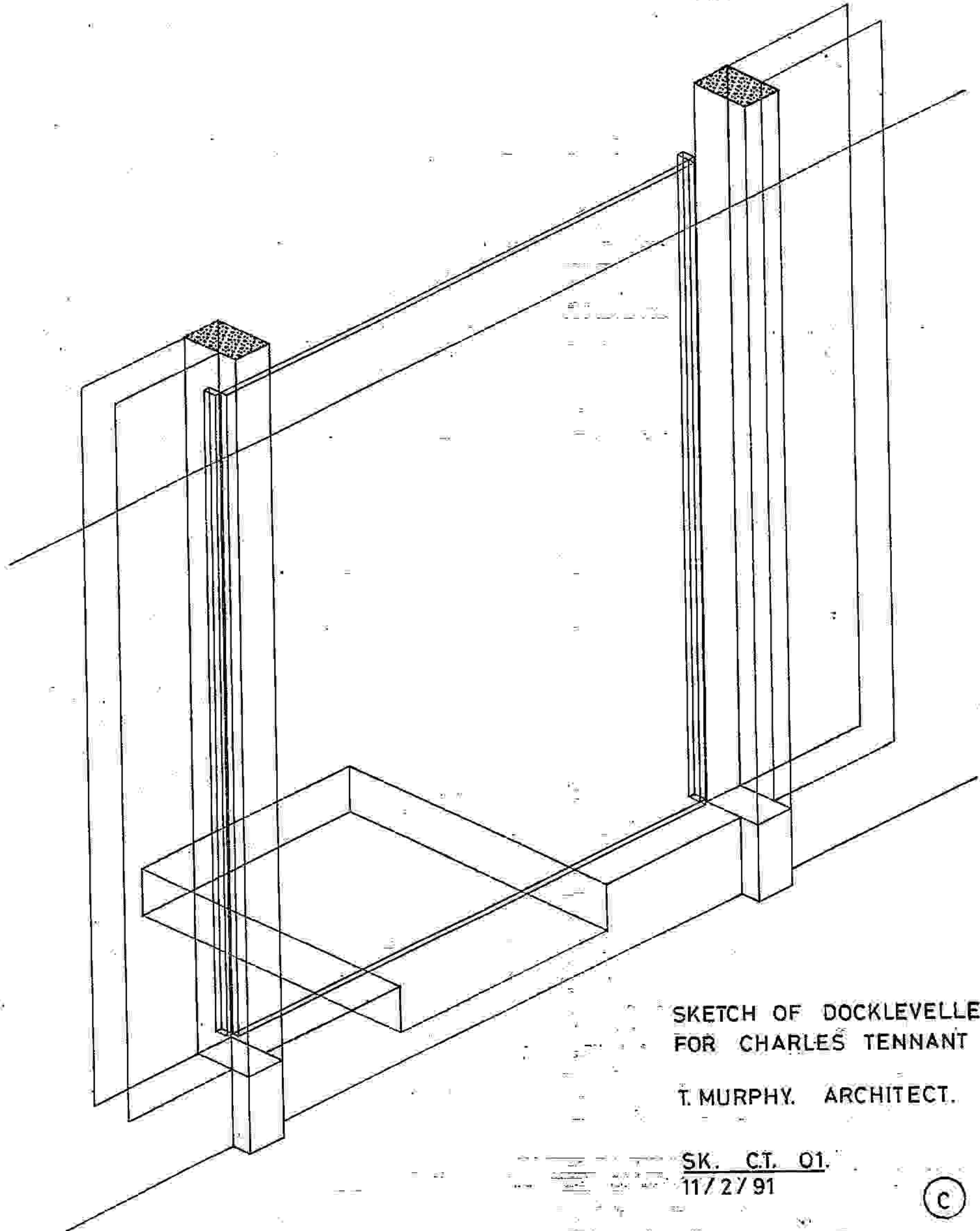
As Charles Tennant are anxious to improve safety of trucks docking on delivery, a positive early reply would be appreciated in this case.

In the meantime, if you require any further information please do not hesitate to contact me at the above number.

Yours faithfully,

Thomas D. Murphy
Thomas D. Murphy

DUBLIN COUNTY COUNCIL
Planning Dept. Planning Section
40540177-ED
12 FEB 1991
91A/0159A
PLANNING SECTION
MURPHY ARCHITECTS



SKETCH OF DOCKLEVELLER PIT
FOR CHARLES TENNANT & CO
T. MURPHY. ARCHITECT.

SK. CT. 01.
11/27/91

(C)

MARK O'REILLY + ASSOCIATES
CONSULTING ENGINEERS

GREENMOUNT HOUSE
HAROLD'S CROSS ROAD
DUBLIN 6 W.

TEL: 53 44 23

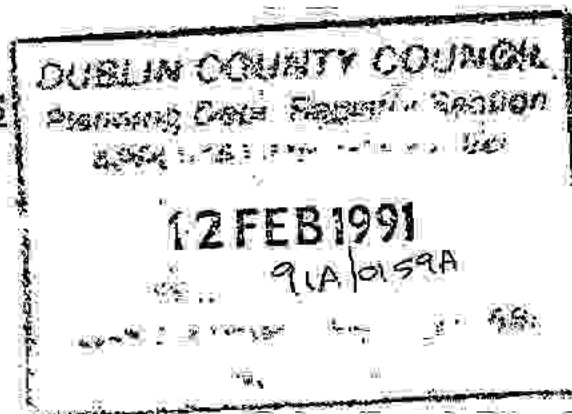
FAX: 54 44 78

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

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

DOCK LEVELLER.

STRUCTURAL CALCULATIONS



PROJECT NO : R19.

ARCHITECT : TOM MURPHY.

DATE : FEBRUARY, 1991.

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

Title
Rock Tunnel
 Element
Ret Wall
 Drawing
 Calcs. by
MB
 Checked

Project No.
 Page No. *01*
 Date *11/2/91*

Ref.	CALCULATIONS	OUTPUT
	<p><u>Assume.</u></p> <p>Soil $\phi = 30^\circ$</p> <p>Surcharge 20 kN/m^2</p> <p>Retaining wall 6 m</p> <p>P_1 Thrust due to surcharge on wall</p> <p>P_1' Thrust due to surcharge on whole unit</p> <p>P_2 Thrust due to soil on wall</p> <p>P_2' Thrust due to soil on whole unit</p> <p>P_3 Thrust due to soil on wall</p> <p>P_3' Thrust due to soil on whole unit</p>	
	<p>$P_1 = \frac{20 \times 6^2}{2} = 360 \text{ kN}$</p> <p>$P_1' = \frac{20 \times 6^2}{2} = 360 \text{ kN}$</p> <p>$P_2 = \frac{10 \times 6^2}{2} = 180 \text{ kN}$</p> <p>$P_2' = \frac{10 \times 6^2}{2} = 180 \text{ kN}$</p> <p>$P_3 = \frac{20 \times 6^2}{2} = 360 \text{ kN}$</p> <p>$P_3' = \frac{20 \times 6^2}{2} = 360 \text{ kN}$</p>	

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

Title <i>Job tender</i>		Project No.
Element <i>Ret wall</i>		Page No. <i>02</i>
Drawing	Calcs. by <i>FB</i>	Checked
		Date <i>11/2/91</i>

Ref.	CALCULATIONS	OUTPUT
	<u>cell moment on wall</u>	
	$M_{top} = 4.187.6 \times \frac{61}{2}$ $+ 1.93 \times 1.6 \times \frac{61}{3}$ $+ 1.25 \times 1.4 \times \frac{61}{3}$ $= 2.97 \text{ MNm}$	
	$S = 4.187.6 + 1.93 \times 1.6 + 1.25 \times 1.4 = 11.4 \text{ kN}$	
	<p>Say 200mm thick wall</p> <p>base 550mm</p> <p>width 150mm</p> $M_{top} = 2.97 \times 10^6$ $I_{top} = 150^3 \times 10^3$ $\delta_{top} = \frac{0.18 \text{ m}}{1000}$	
<i>base</i>	<p>7 kN/m² 60 mm</p> <p>uniform slab (.15%) 7 250 mm</p> <p>rebar A393 mesh</p> <p>7 100 mm, 0.3%</p> <p>for</p> $M_{base} = 0.56 \text{ MNm}$ <p>@ base 251 11.4 0.26 MNm</p> <p>150</p> <p>< etc etc</p>	

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

Title
 Element
Foot Slab
 Drawing
 Calcs. by
ES
 Checked

Project No.
 Page No.
03
 Date
11/2/91

Ref.	CALCULATIONS	OUTPUT
	<u>Stability</u>	
	(a) Sliding	
	Total Thrust = $\frac{3}{4} \times 1.86$	
	$= 13.485 \text{ kN}$	
	Assume $\mu = 0.4$ = coeff of friction between base of slab	
	resistance 40.5×1 against sliding	
	\therefore Total net resist	
	$= 13.485 \times 1.0 = 33.71 \text{ kN}$	
	$\frac{3}{4}$	
	Total WE of $(1.86 + 2.27 \times 2) \times 37 \times 1.2$	
	$+ (1.86 \times 2.27)$	
	$= 38.7 \text{ kN}$	
	$40.5 > 38.7$ OK	
	33.7	
	(b) Tumbling \rightarrow All done to very long limit on the west	

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

TEL: 53 45 25

Title

Project No.

Element

Jack level

Page No.

004

Drawing

Calcs. by

Checked

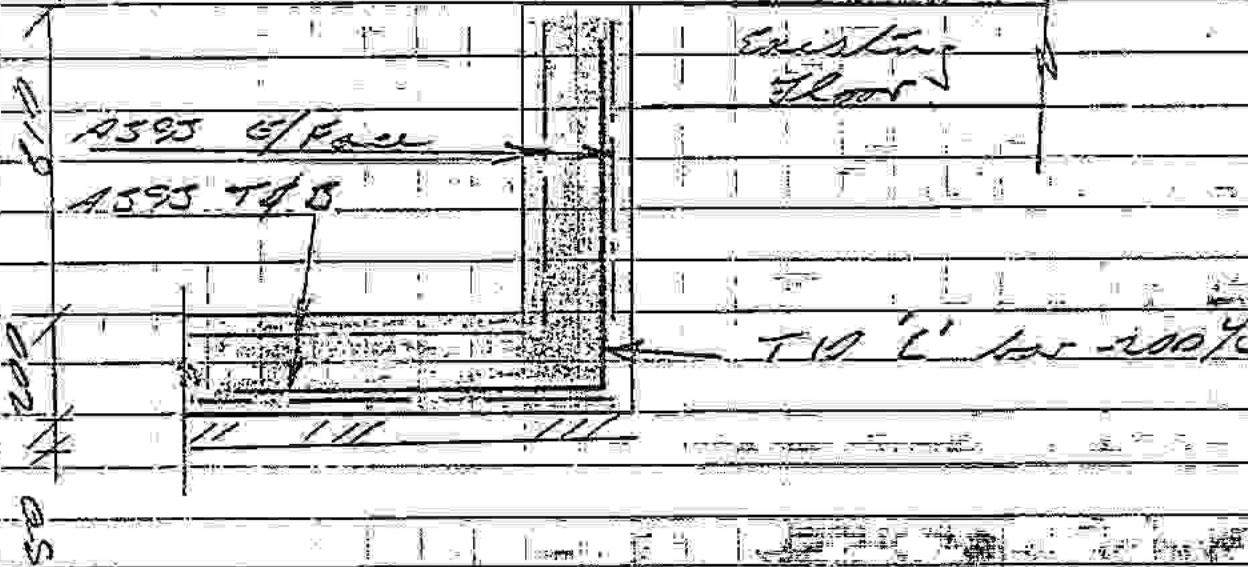
Date

11/2/91

Ref.

CALCULATIONS

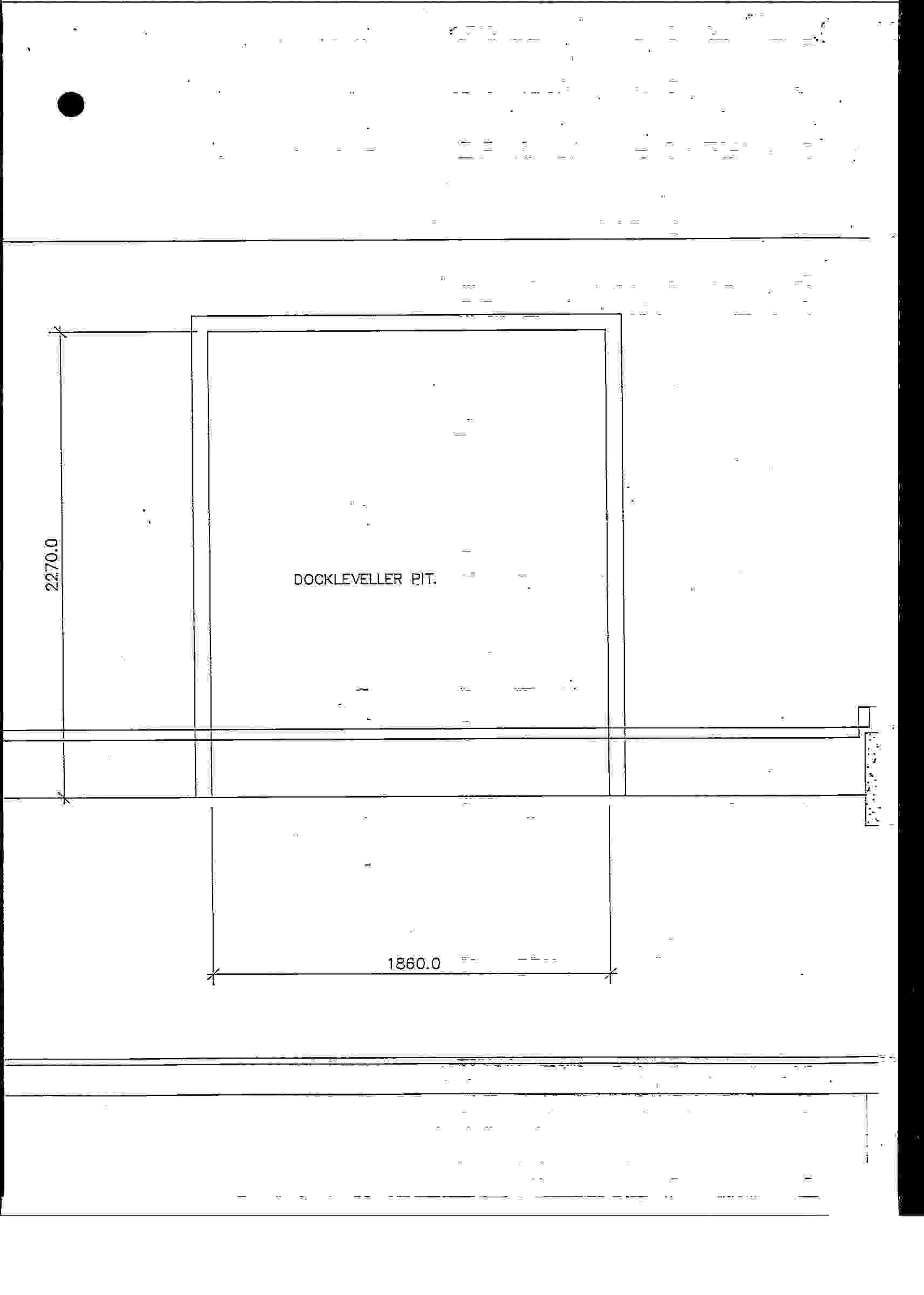
OUTPUT



2270.0

DOCKLEVELLER PIT.

1860.0

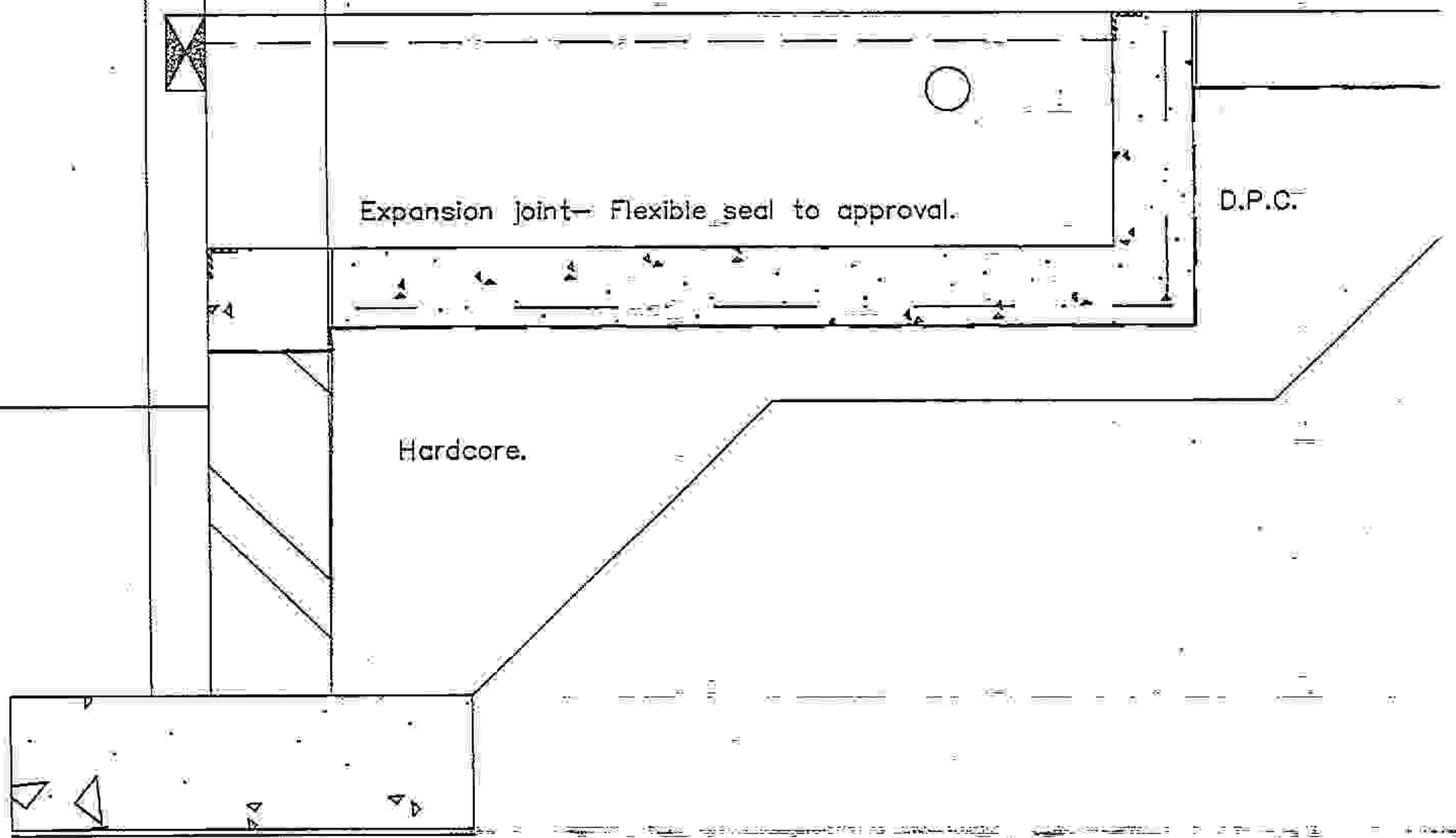


Works.

Break out existing floor slab and excavate to provide for new Docklevel New floor and wall construction:— 200 m.m. reinforced concrete (see e on minimum 1000 gauge visqueen d.p.c. turned up at sides and lapped to be lapped min 300 m.m. with existing and care taken to seal from site detail on opening up. All on min. 200 m.m. sharp pit well compact

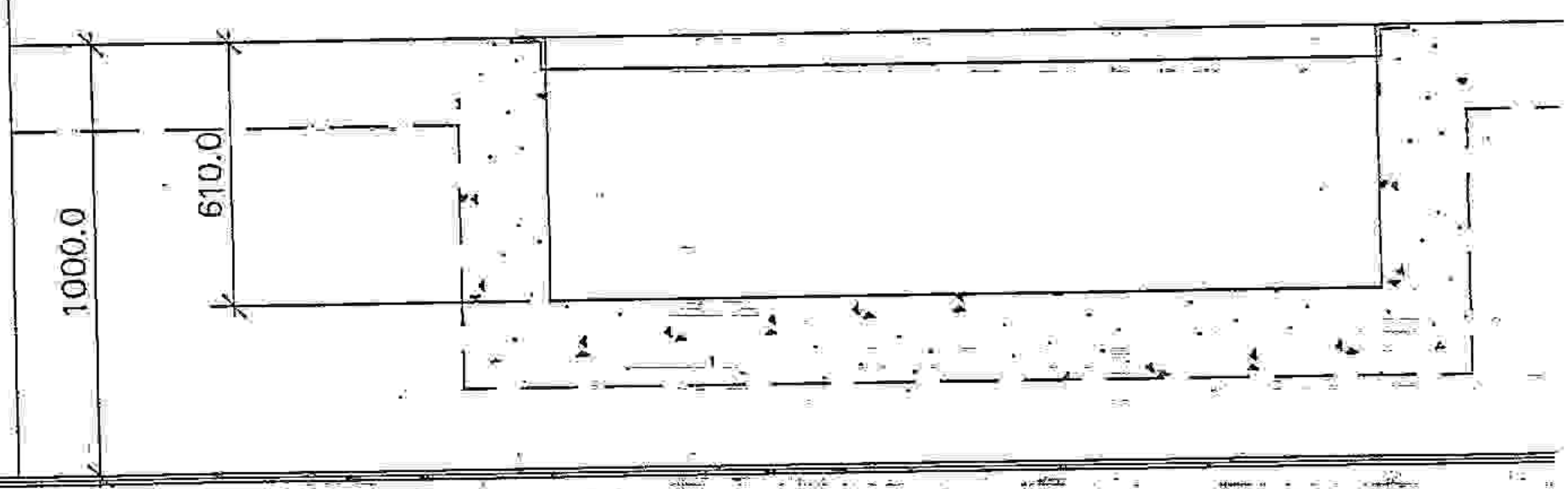
er Bumper.

Expansion joint —



CROSS SECTION A — A.

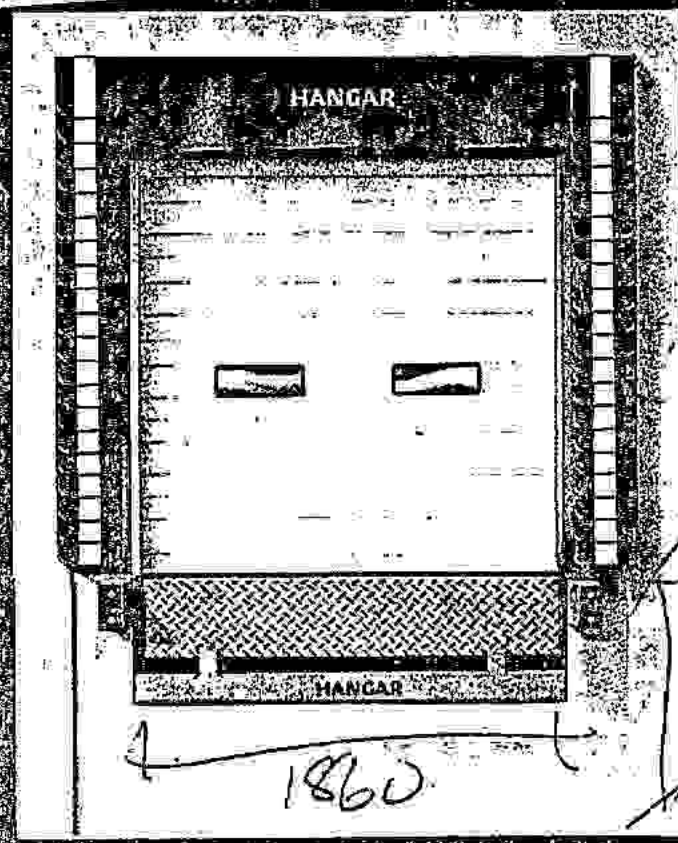
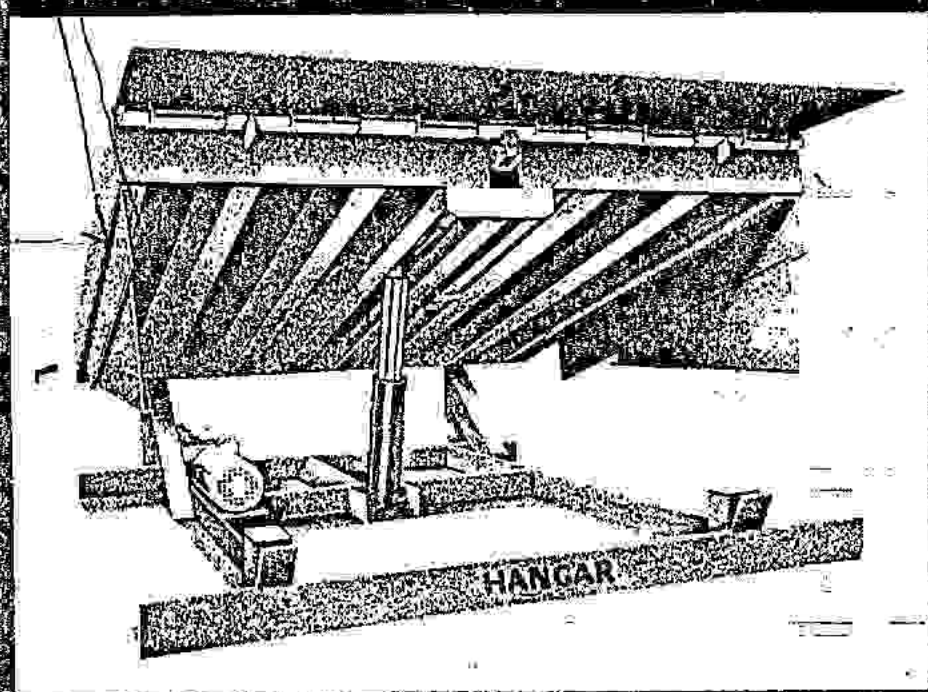
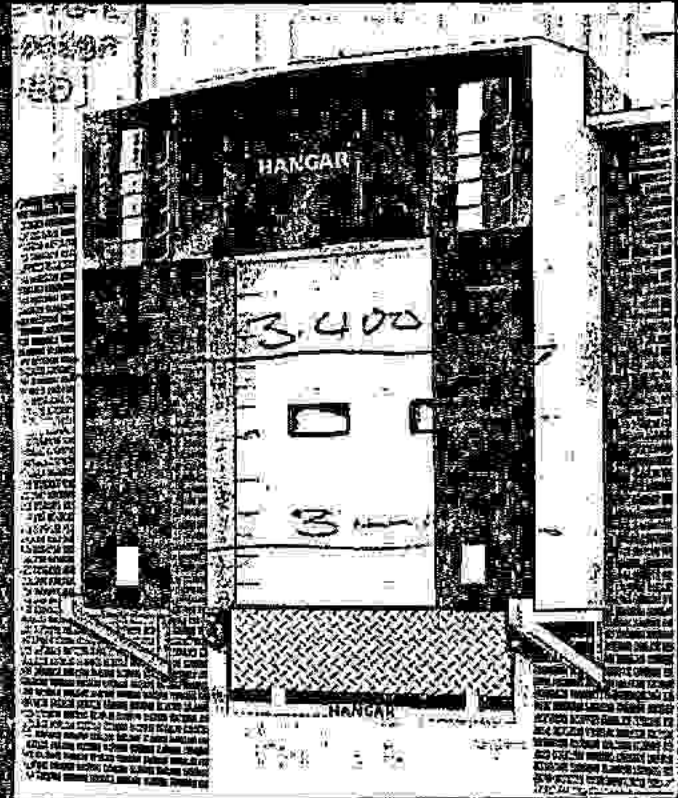
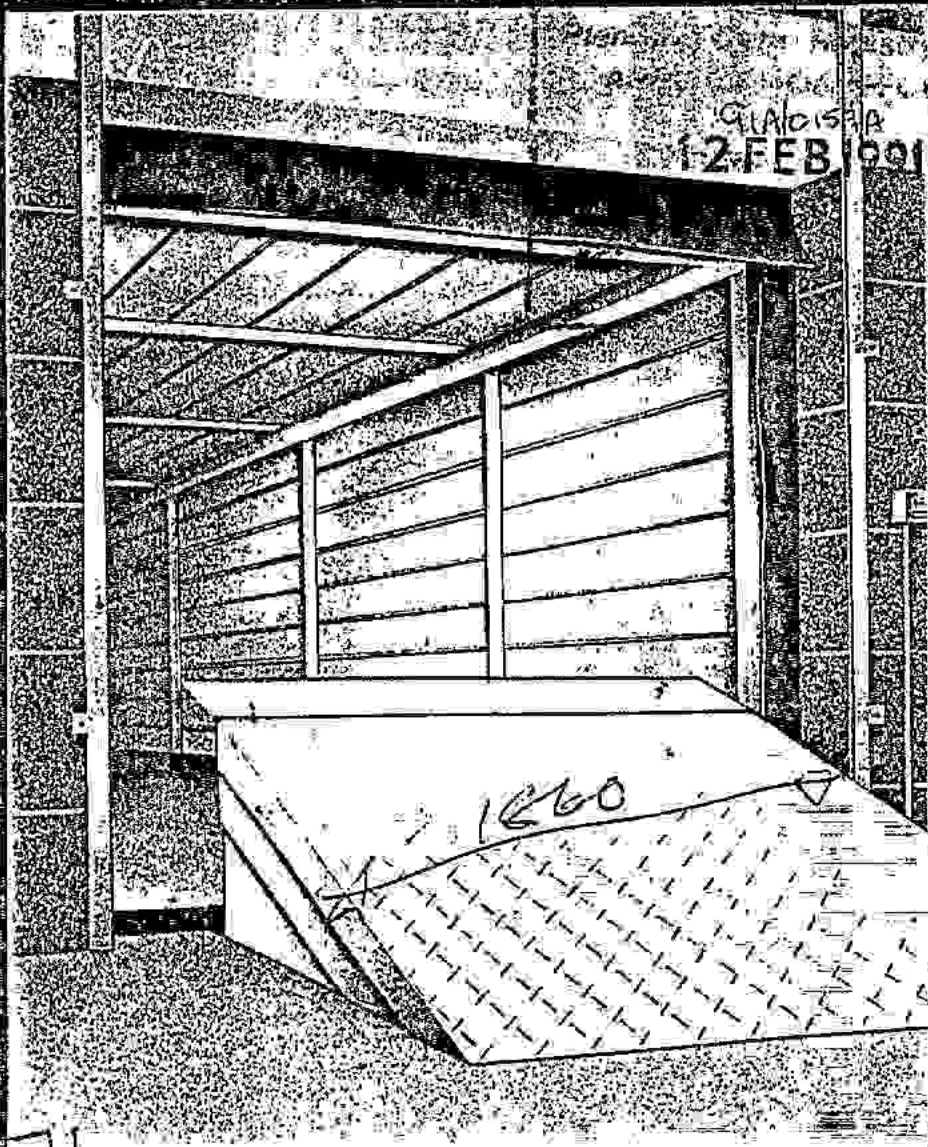
75 x 75 m.m



ELEVATION

Hangar

Integrated Loading Bay Units



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