

Water Resources Act 1991
as amended by the Environment Act 1995
Consent to Discharge
Certificate of Holder



**ENVIRONMENT
AGENCY**

21 April 1997

Part A

To: DENBIGHSHIRE COUNTY COUNCIL
HEAD OF PROPERTY & TECH SERV
COUNTY HALL

MOLD CH7 6GU



The Environment Agency ("the Agency") hereby confirm that the above named person is a/the registered holder of consent CM0093701

Nature of Discharge(s); SEWAGE EFF/TREATED EFF/CONTINUOUS
at

BRONDYFFRYN HALL, YSTRAD ROAD, DENBIGH

Note: This certificate should be kept with the consent document for future reference. If you transfer responsibility for the discharge to somebody else you must pass the consent to them and tell the Agency within 21 days. Responsibility for the consent cannot be disclaimed by the holder but the registration of holder may be transferred to a successor. To do this please complete the form below, then tear it off and return it to the address shown. If you fail to transfer the consent, even though you are no longer on the site, you may still be liable for prosecution for pollution. If you transfer the consent but do not tell us, you will be committing an offence. In case of any queries please contact your local Environment Agency office.

Part B

Please complete in block capitals or type.

To:

Water Resources Act 1991: Notice of transfer of consent to discharge

Consent: CM0093701
Name: DENBIGHSHIRE COUNTY COUNCIL
Address: HEAD OF PROPERTY & TECH SERV
COUNTY HALL

MOLD CH7 6GU

I/We* hereby serve notice on the Agency that I/we* am/are* no longer a/the* Holder of the above consent which will be/was* transferred to: * delete as appropriate

Name(s) of new holder(s):
Address:

Post Code:

Date of Transfer to new Holder(s):

Signed: **Dated:**

Name (block capitals): **Position:**

JWE/S06

(to be completed when signing on behalf of corporate bodies)



Huw Roberts BSc CEng DMS FICE FIHT MIMgt
Cyfarwyddwr Gwasanaethau Technegol
Director of Technical Services

Idris Jones FASI
Pennaeith Eiddo a Gwasanaethau Technegol
Head of Property and Technical Services

updated
11.12.96
lex



CYNGOR
Sir Ddinbych
Denbighshire
COUNTY COUNCIL

The Environment Agency,
Rivers House,
St. Mellons Business Park,
St. Mellons,
Cardiff,
CF3 0LT.

Eich cyf Your ref
Ein cyf Our ref
Dyddiad Date
Rhif union Direct dial

RT/WQ/RCEU/SCHEb23

PE/GEN/VAL/LBP

3rd September 1996

Miss J. Powell

(01824) 706798

Dear Sirs,

RE: ENVIRONMENT ACT 1995, SCHEDULE 23 PARAGRAPH 21(2)(b)(ii)

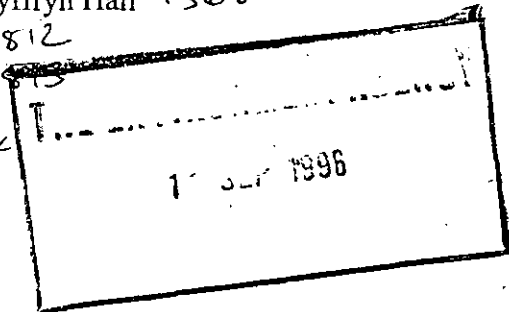
I refer to your letter of 2nd April, a copy has been passed to me from Flintshire County Council.

I write to confirm that the following are now under the control of Denbighshire County Council:-

CM0020401 St. Asaph, Pant Ifan Newydd 136810
CM0093701 Denbigh, Ystrad Road, Brondyffryn Hall 136811
CM0123901 Clocaenog C.P. School 136812
CM0124001 Graianrhyd C.P. School 136813
CM0153101 Llangollen, Mill Street 136814

Yours faithfully,

p.p. HEAD OF PROPERTY AND TECHNICAL SERVICES



11266

WELSH WATER AUTHORITY

DEE AND CLWYD DIVISION

RIVERS (PREVENTION OF POLLUTION) ACTS 1951 to 1961.

To: The Chief Executive,
Clwyd County Council,
Shire Hall, Mold, Clwyd.

WHEREAS the Welsh Water Authority (hereinafter called 'the Authority') have received an application dated the 20th day of September, 1982 from Clwyd County Council (hereinafter called 'the applicant') for the consent of the Authority under sub-section (1) of Section 7 of the Rivers (Prevention of Pollution) Act 1951

- (1) to the bringing into use by the applicant of a new outlet for the discharge of sewage effluent from Brondyffryn Hall, Ystrad Road, Denbigh, Clwyd,
- (2) to the making by the applicant of a new discharge of sewage effluent from the said Brondyffryn Hall, Ystrad Road, Denbigh, to a stream within the area of the Authority, namely, to the River Ystrad.

NOW THEREFORE the Authority hereby grant their consent:

- (1) to the bringing into use of the said new outlet subject to the following conditions, namely :-
 - (a) the point of discharge into the stream shall be at NGR SJ.062 652;
 - (b) the outlet shall be a 100 mm drain projecting through the existing stone embankment;
 - (c) the outlet shall be used to discharge sewage effluent from Brondyffryn Hall;
- (2) to the making of the said new discharge subject to the following conditions, namely :-
 - (a) the effluent discharged shall have a pH value of not less than 5 and not greater than 9;
 - (b) the effluent discharged shall have a Biochemical Oxygen Demand over 5 days of not more than 75 milligrams per litre;
 - (c) the effluent discharged shall not contain suspended solids in excess of 100 milligrams per litre;
 - (d) the volume of effluent discharged shall not exceed 5 cubic metres in any period of twenty four hours;
 - (e) the rate at which the effluent is discharged shall not exceed 1 cubic metre per hour

The terms of this Consent will not without the consent in writing of the person to whom this consent is given (or his successor) be altered before the expiration of the period ending with the 31st day of October, 1984. .

DATED the 14th day of October, 1982.

R. S. D. D. W. W.

.....
Divisional Manager,
Dee and Clwyd Division,
Shire Hall,
MOLD, Clwyd.

REGISTER OF CONDITIONS

AND OTHER TERMS

IMPOSED UNDER SECTION 7 OF THE RIVERS (PREVENTION OF POLLUTION) ACT, 1951
(AS APPLIED BY THE CLEAN RIVERS (ESTUARIES AND TIDAL WATERS) ACT, 1960)
AND THE RIVERS (PREVENTION OF POLLUTION) ACT, 1961.

No. 937

DATE ON WHICH CONDITION CAME INTO FORCE AND PERIOD OF EFFECT	FULL ADDRESS OR OTHER SUFFICIENT DESCRIPTION OF LAND OR PREMISES TO WHICH THE TERM OR CONDITION RELATES
14th October, 1982.	The Chief Executive, Clwyd County Council, Shire Hall, MOLD, Clwyd. (Brondyffryn Hall, Ystrad Road, Denbigh.)
USE OF NEW OR ALTERED OUTLET	DISCHARGE OF TRADE OR SEWAGE EFFLUENT
CONDITIONS IMPOSED WITH RESPECT TO:- (i) PRECISE LOCATION OF OUTLET Discharge to the River Ystrad at NGR SJ,062 652. (iii) CONSTRUCTION OF OUTLET (OTHER THAN CONDITIONS TO BE SATISFIED BEFORE OUTLET IS BROUGHT INTO USE) 100 mm drain projecting through the existing stone embankment. (iii) USE OF OUTLET Sewage effluent only. (iv) USE OF ANY OTHER OUTLET FOR TRADE OR SEWAGE EFFLUENT FROM THE SAME LAND OR PREMISES	CONDITIONS IMPOSED WITH RESPECT TO:- (i) NATURE AND COMPOSITION OF DISCHARGE (a) the effluent discharged shall have a pH value of not less than 5 and not greater than 9; (b) the effluent discharged shall have a Biochemical Oxygen Demand over 5 days of not more than 75 milligrams per litre; (c) the effluent discharged shall not contain suspended solids in excess of 100 milligrams per litre; (d) the volume of effluent discharged shall not exceed 5 cubic metres in any period of twenty four hours; (e) the rate at which the effluent is discharged shall not exceed 1 cubic metre per hour. (ii) TEMPERATURE OF DISCHARGE (iii) VOLUME OR RATE OF DISCHARGE OF EFFLUENT FROM LAND OR PREMISES * (iv) PROVISION OF FACILITIES FOR TAKING SAMPLES (v) DATE OF EXPIRATION OF PERIOD SPECIFIED UNDER S.5(2) OF 1961 ACT 31st October, 1984.
REMARKS-	REMARKS-

19th October, 1982.

The Chief Executive,
Clwyd County Council,
Shire Hall,
ECCLD Clwyd.

NB/OU/21/533/01.

Mr. Blezard. Ext. 583.

Dear Sir,

Rivers (Prevention of Pollution) Acts 1951 to 1961.

... I enclose herewith the Authority's formal Consent No. 937 in respect of
the discharge of sewage effluent from Brondyffryn Hall, Ystrad Road,
Denbigh, into a stream within the area of the Authority, namely, to
the River Ystrad.

Yours faithfully,

Norman Blezard.
Divisional Scientist.

WELSH WATER AUTHORITY

DEE AND CLWYD DIVISION

RIVERS (PREVENTION OF POLLUTION) ACTS 1951 to 1961.

To: The Chief Executive,
Clwyd County Council,
Shire Hall, Mold, Clwyd.

WHEREAS the Welsh Water Authority (hereinafter called 'the Authority') have received an application dated the 20th day of September, 1982 from Clwyd County Council (hereinafter called 'the applicant') for the consent of the Authority under sub-section (1) of Section 7 of the Rivers (Prevention of Pollution) Act 1951

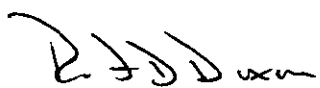
- (1) to the bringing into use by the applicant of a new outlet for the discharge of sewage effluent from Brondyffryn Hall, Ystrad Road, Denbigh, Clwyd,
- (2) to the making by the applicant of a new discharge of sewage effluent from the said Brondyffryn Hall, Ystrad Road, Denbigh, to a stream within the area of the Authority, namely, to the River Ystrad.

NOW THEREFORE the Authority hereby grant their consent:

- (1) to the bringing into use of the said new outlet subject to the following conditions, namely :-
 - (a) the point of discharge into the stream shall be at NGR SJ.062 652;
 - (b) the outlet shall be a 100 mm drain projecting through the existing stone embankment;
 - (c) the outlet shall be used to discharge sewage effluent from Brondyffryn Hall;
- (2) to the making of the said new discharge subject to the following conditions, namely :-
 - (a) the effluent discharged shall have a pH value of not less than 5 and not greater than 9;
 - (b) the effluent discharged shall have a Biochemical Oxygen Demand over 5 days of not more than 75 milligrams per litre;
 - (c) the effluent discharged shall not contain suspended solids in excess of 100 milligrams per litre;
 - (d) the volume of effluent discharged shall not exceed 5 cubic metres in any period of twenty four hours;
 - (e) the rate at which the effluent is discharged shall not exceed 1 cubic metre per hour

The terms of this Consent will not without the consent in writing of the person to whom this consent is given (or his successor) be altered before the expiration of the period ending with the 31st day of October, 1984. .

DATED the 14th day of October, 1982.


.....
Divisional Manager,
Dee and Clwyd Division,
Shire Hall,
MOLD, Clwyd.



CYNGOR SIR
CLWYD
COUNTY COUNCIL

NEUADDY SIR·YR WYDDGRUG·CLWYD
SHIRE HALL·MOLD·CLWYD·CH76NH

K J DENLEY RIBA
COUNTY ARCHITECT
Y PENSAER SIROL

Tel MOLD 2121·STD 0352 Telex 61454

Environment Officer,
Welsh Water Authority,
Shire Hall,
Mold, Clwyd.

Your Ref

Our Ref E/308/M/HDW/RSE/AL

Date 20th September 1982.

When calling please ask for
R.S.Evans Ext. 734.

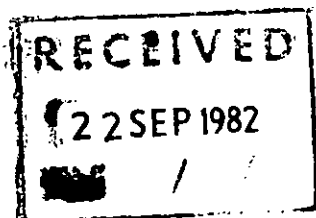
Dear Sir,

Brondyffryn Hall, Denbigh

With reference to your letter of the 26th August and enclosures,
I now return completed Application Form for Consent under Section 7
(1) of the Rivers (Prevention of Pollution) Act 1951, together with
a copy of the specification and drawings of the proposed works.

Yours faithfully,

K J Denley
County Architect



No.....

WELSH WATER AUTHORITY
DEE AND CLWYD DIVISION

RIVERS (Prevention of Pollution) ACTS, 1951 to 1961

APPLICATION FOR CONSENT

to bring into use a new or altered outlet and/or to begin to make a new discharge of trade or sewage effluent to a stream or to tidal waters which are controlled waters

TO: THE WELSH WATER AUTHORITY,
DEE AND CLWYD DIVISION,
SHIRE HALL,
MOLD,
CLWYD.
CH7 6NQ.

I/~~WE~~ hereby apply for consent under the provisions of Section 7 (1) of the Rivers (Prevention of Pollution) Act, 1951, to

*(a) bring into use a new ~~or altered~~ outlet for the discharge of trade or sewage effluent from land or premises within the area of the DEE AND CLWYD DIVISION to a stream or to controlled waters; and/or

*(b) ~~begin to make a new discharge of trade or sewage effluent from land or premises within the area of the DEE AND CLWYD DIVISION to a stream or to controlled waters;~~

as described in this application and on the attached plan(s) and particulars.

*(delete as necessary).

Date

..... (Signed)

Note: This form, when completed, together with the accompanying plans, comprises the application.

PART 1 – TO BE COMPLETED IN ALL APPLICATIONS

(1) Full name of applicant (i.e., of the principal, not the agent):	CLWYD COUNTY COUNCIL.
(2) Postal address of applicant (if a limited company, the registered office):	Shire Hall, Mold, Clwyd.
(3) Name and address of agent, if any, making application:	K.J.Denley R.I.B.A. County Architect, Shire Hall, Mold, Clwyd
(4) Address or other sufficient description of land or premises served by the outlet, or from which the effluent will be discharged..	Brondyffryn Hall, Ystrad Road, Denbigh.
(5) Interest of applicant (e.g. freehold, leasehold, or as the case may be) in the last mentioned land or premises:	Freehold of above premises.
(6) Location of outlet(s) or point(s) of discharge, and name of stream or controlled waters. (Application must be accompanied by a site plan, on a scale of not less than 6 inches to 1 mile, showing outlet(s) or point(s) of discharge:	River Ystrad - adjacent to Road Bridge
(7) Is there to be any, and if so what, provision for measuring the volume and/or rate of flow of the effluent discharged to the stream or to controlled waters:	None
(8) Particulars of all existing outlets and discharges of trade and/or sewage effluent to a stream or to any tidal waters from the same land or premises (i.e. the location of the outlets and the nature of the discharges):	Existing septic tank drains to soakaways

PART 2 – OUTLETS

To be completed for a new or altered outlet

(9) Does application relate to the construction of a new outlet, or to the alteration of an existing one? (If the latter, please explain briefly what alterations are proposed):	The existing septic tank drains to soak aways - it is proposed to disconnect these, to lay a new drain from septic tank to a new humus tank constructed near the gateway to field, this tank may need to be emptied periodically, the outlet from the tank will fall to an outfall into the river near the road bridge. This work to be carried out as recommended by W.W.A.
(10) Description of outlet, including form and materials of construction, and dimensions. Application must be accompanied by a plan and section of the proposed outlet, on an adequate scale):	Outlet to be formed in existing stone wall to bank of river - stonework to be made good and backed with concrete.
(11) Use or proposed use of outlet:	To discharge effluent from septic tank
(12) Will the outlet at all times be readily accessible for the taking by Water Authority officers of samples of effluent flowing from it? (If it is likely to be submerged at times, please say so).	Yes

PART 3 – DISCHARGES

To be Completed for a new discharge of trade or sewage effluent

- (13) Nature and composition of the effluent to be discharged and, if possible, give analytical details of strongest discharge which is likely:

Discharge from septic tank with maximum
BOD of 75 mg/l and suspended solids of 100 mg/l.

(14) Maximum temperature of effluent to be discharged (in degrees Centigrade):	-
(15) Maximum daily volume of discharge of trade or sewage effluent (in gallons):	5m ³
(16) Maximum hourly rate of discharge of trade or sewage effluent (in gallons):	-
(17) Maximum daily dry weather flow of sewage effluent (in gallons):	as above
(18) Details of method of purification of trade or sewage effluent before discharge (Detailed drawings of purification plant should be submitted if available).	septic tank with settlement tank filter and humus tank.
(19) Details of any existing discharges.	Existing tank discharges to soakaways in field.

CLWYD COUNTY COUNCIL

K.J. Denley, R.I.B.A.,
County Architect,
Shire Hall,
MOLD,
Clwyd CH7 6NH

SPECIFICATION OF WORKS TO BE EXECUTED AND MATERIALS TO BE SUPPLIED FOR:

Brondyffryn Hall, Denbigh

PRELIMINARIES AND CONDITIONS OF CONTRACT

DESCRIPTION OF
THE WORKS

The work covered by these drawings and
specification* comprises the following:-

Proposed alterations to drainage system

DRAWINGS

The following drawings are to be read in
conjunction with this specification and any
discrepancies which are found must be notified
to the Architect immediately on discovery.

attached

* Delete where not applicable

BRONDYFFRYN HALL, DENBIGH

Proposed alterations to Drainage System

Preliminaries

Nature of Works	The works consists of alterations to the drainage system to provide a new outfall to the River Ystrad i.e., work to include the installation of a new distrubtion system to the septic tank filter, a new humus tank, the connecting drains and outfall.
Visit Site	The Contractor is expected to visit the site prior to tendering to ascertain for himself the exact nature and extent of the works, as no claims will be allowed on the ground of ignorance of the conditions under which the work will be executed. The items specified herein are to be applicable.
Materials	The Concrete blocks to be to BS 2028, 1364, 1968 'Precast Concrete Blocks' Type B blocks made with dense aggregate complying with BS 882 or BS 1047 or Type B blocks having a compressive strength of not less than $7N/mm^2$. The Cement to be best approved Portland of British Manufacture to conform to BS 12. The sand to be clean sharp river or pit sand of approved quality, free from loam, coal tar substance, clay or organic matter and to be washed if directed. Water for the work is to be clean and free from impurities. The Contractor is to provide his own tank for supply on site. Hardcore is to be composed of good hard, clean stone, free from dust or fire material, to be well consolidated before laying any concrete over same. The 100 m.m. drain to be either (a) P.V.C. pipe to BS 4660 1973 (Unplasticised PVC Underground Drain Pipe and Fittings). (b) Clay pipes to BS 65 and 540 Part 1 1971. The new distrubtion system for the filter is to be a Double Acting Type and is to be complete with distribution channels - as per attached leaflet or approved similar pattern.
Protection	The Contractor shall include in his tender for all the necessary protection of the working and his plant whilst the contract is in progress. Temporary fences round excavations etc., should be erected as necessary. The Contractor shall take suitable precautions and site his equipment by liaison with my site supervisor and the land owner.

Site Cleanliness

The Contractor shall keep the site clear of all rubbish during the execution of the works.

Sunday Work

No Sunday work or overtime will be allowed unless specifically instructed in writing by the Architect when at least 48 hours notice must be given prior to its commencement.

Completion

At completion of the works, the Contractor shall clear away all superfluous material, rubbish plant etc., and leave everything clean and in order to the satisfaction of the Architect or his Representative.

Period of Work

The successful contractor on completion of the contract documents is to programme the work to be completed by the 3rd September 1982.

Contingencies

The Contractor shall include in his tender the sum of £100 (ONE HUNDRED POUNDS) for contingencies, to be used as directed by the County Architect or his Representative. The whole or part not so used to be deducted from the contract sum on completion.

BRONDYFFRYN HALL, DENBIGH

Proposed alterations to Drainage System

Schedule of work

Humus Tank

The Contractor is to excavate in the position indicated for the humus tank, the excavation to be of sufficient size to construct a tank with internal dimensions 2.4m long by 1 m wide. The contractor is to lay in the excavation a concrete slab in 1:2:4 mix of minimum thickness 150 m.m. with the edges thickened out to 225 m.m. for a width of 450 m.m.

The slab is to be laid such that the depth below the outlet is a minimum of 1200 m.m.

The walls are to be constructed of 225 m.m. thick hollow concrete blocks filled solid with 1:2:4 mix concrete as work progresses. The walls of the tank are to be constructed to the heights as shown on the drawing. Include for building in the inlet and outlet pipes as indicated, the inlet being at least 50 m.m. higher than the outlet. Form the sloping base to the tank as indicated on drawing to give a slope from the outlet end back to the inlet so that the depth is 800 m.m. at the outlet end and 1200 m.m. at inlet end.

The sides of the tank are to be rendered with a cement sand 1:4 mix render with a waterproof additive.

The top of the tank is to be covered with precast concrete slabs 300 m.m. wide by 75 m.m. thick reinforced with 3 No. 12 m.m. steel bars set 25 m.m. from the lower surface.

Inspection chambers

At either end of the Humus tank and at the change in direction of the drain, inspection chambers are to be constructed. The inspection chambers adjacent to tank may be joined to the tank or may be constructed separately. The construction may be either brickwork or precast concrete sections. The chambers must be constructed on an adequate concrete base - 100 m.m. thick in the case of a brick chamber or a pre-formed concrete base for a concrete chamber. The Contractor is to include for all benching in chambers. The top must be covered and have a 10 ton min. load steel cover.

Drain

The new drain is to be laid from the inspection chamber at the outlet of the existing septic tank along the route shown on the drawing. The contractor is to include for sealing the redundant outlets from the chamber and reforming benching as necessary. The new 100 m.m. drain is to be laid in accordance with the manufacturers instructions in a trench excavated to give even falls between inspection chambers.

The backfill around the pipe is to be granular fill with no large material. The drain will be tested for leaks by the Supervising Officer before any backfilling commences. All top soil and turf is to be replaced, the contractor is to allow for re-seeding if required.

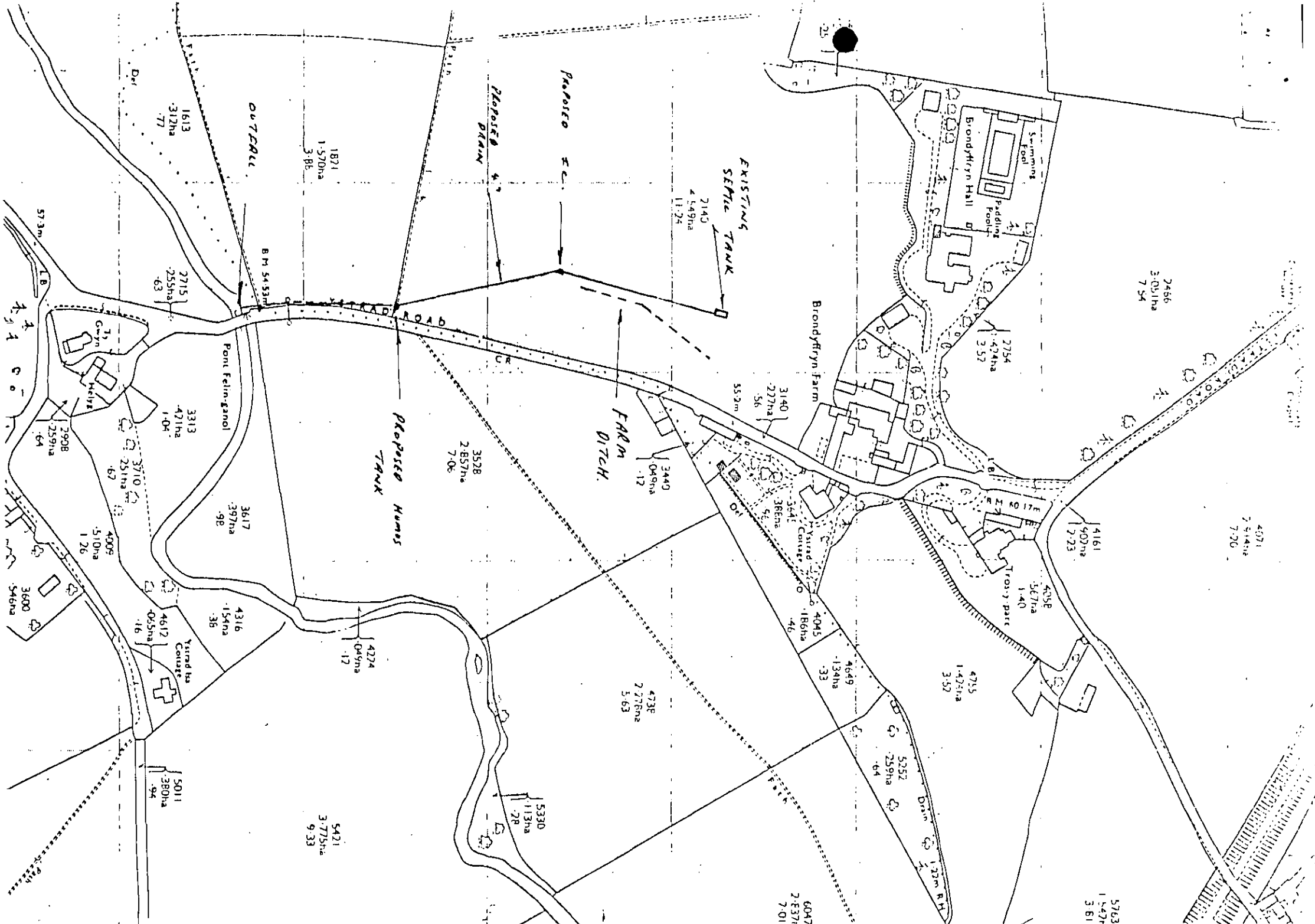
Outfall

The outfall to the river is to be made at a point adjacent to the bridge over the river, the outfall pipe is to project through the existing stone embankment. The Contractor is to carefully break into the stonework for the outfall pipe to be laid, the stonework is to be made good and the disturbed ground at the rear of the wall is to be filled with a concrete mix. The outfall is to have heavy duty flap fixed to its outer end.

Filter Bed

The Contractor is to include for the removal of all existing media from the filter tank and its disposal, and the supply and laying of new media to the required level. The Contractor is also to include for the supply and fixing of a new Double Acting type Rectangular Distributor to be installed complete with distributing channels.

All back filled materials are to be well consolidated - the surplus is to be carted away to a tip or disposed of to the wishes of the landowner.



2456
3.051ha
7.54

4071
2.514ha
7.70

5763
1.547
3.61

4161
407ha
7.23

4058
567ha
1.40

4755
1.427ha
3.52

5252
259ha
64

6047
2.837
7.01

4649
134ha
33

4045
186ha
46

EXISTING
SETTLE TANK

FARM
DITCH.

3528
2.857ha
7.06

5421
3.775ha
9.33

5011
380ha
94

4316
154ha
38

3617
397ha
98

3313
421ha
1.04

2715
255ha
63

1613
312ha
77

1821
1.570ha
3.86

OUTFALL

B.M. 54.53m

Pont Felin-ganol

PROPOSED
TANK

PROPOSED
DRAIN

PROPOSED
F.C.

5330
113ha
28

4738
2.276ha
5.63

3440
104ha
12

3140
227ha
56

2140
4.549ha
11.24

57.3m

L.B.

4.94

0.6

4.94

0.6

4.94

0.6

4.94

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Double-Acting Type Rectangular Distributor

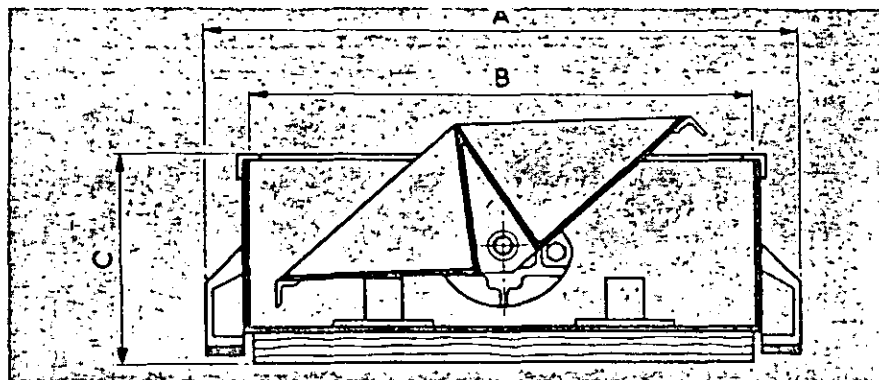
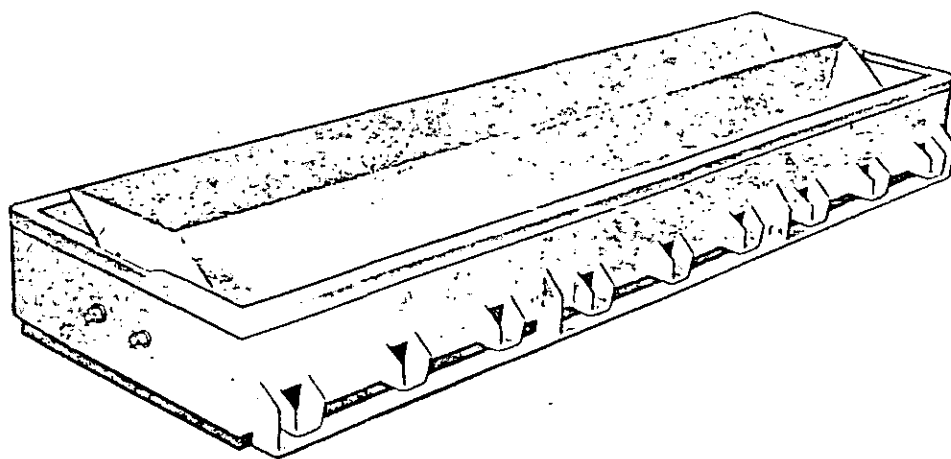
For the larger type of rectangular filter bed it is preferable to employ a Tuke & Bell double-acting version. The illustration right shows a typical apparatus. This comprises a double acting tipper housed in a container fixed across the centre of the filter bed, and with serrated edged channels at each side.

The double-acting type is recommended for filters over 10ft. in length to avoid the use of excessively long distributing channels and to ensure that when the tipper operates, the flush of liquid reaches the ends of the channels to provide even dosage over the whole of the filter bed.

The construction of the double-acting tipper distributor is substantially the same as that of the single-acting tipper distributor is substantially the same as that of the single-acting type described previously. The bearings are of the special construction already described and the distributing channels are in cast-iron.

Detailed fixing instructions are provided for each installation. These enable the builder to carry out the necessary constructional work and to install the equipment simply, quickly and accurately.

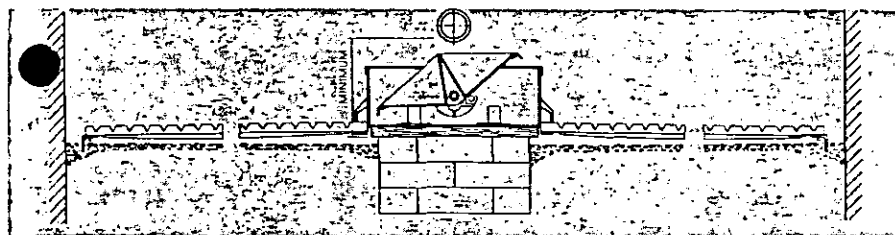
Standard sizes of Distributing Apparatus incorporating double-acting tipper for dosage are made to suit filter beds



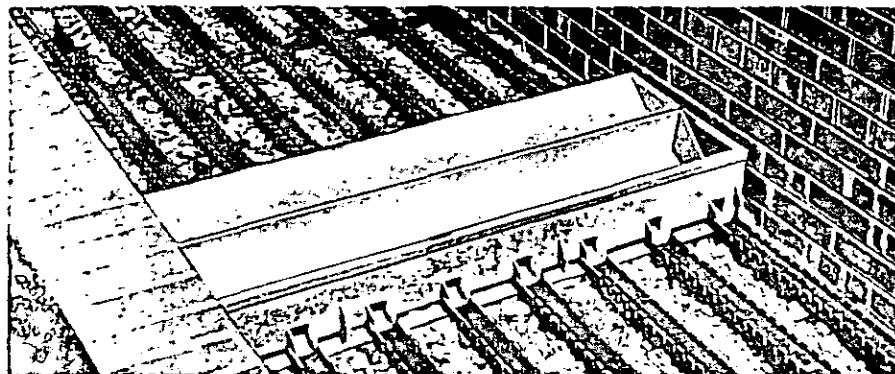
Length of Bed	A	B	C
Up to 6.1m	585	505	209
Over 6.1m	810	610	200

from 2.82m long by 1.22m wide up to 7.7m long by 3.05m wide. Basically, the variation in length is in multiples of .60m and the variation in width in multiples of .30m. Special sizes are readily manufactured but may cause some delay in delivery.

In order to obtain the best distribution from this form of apparatus with the least amount of maintenance it is suggested - where practicable - the length of the filter bed be very approximately $2\frac{1}{2}$ times its width.



A typical Double-Acting installation



Filter Size mm

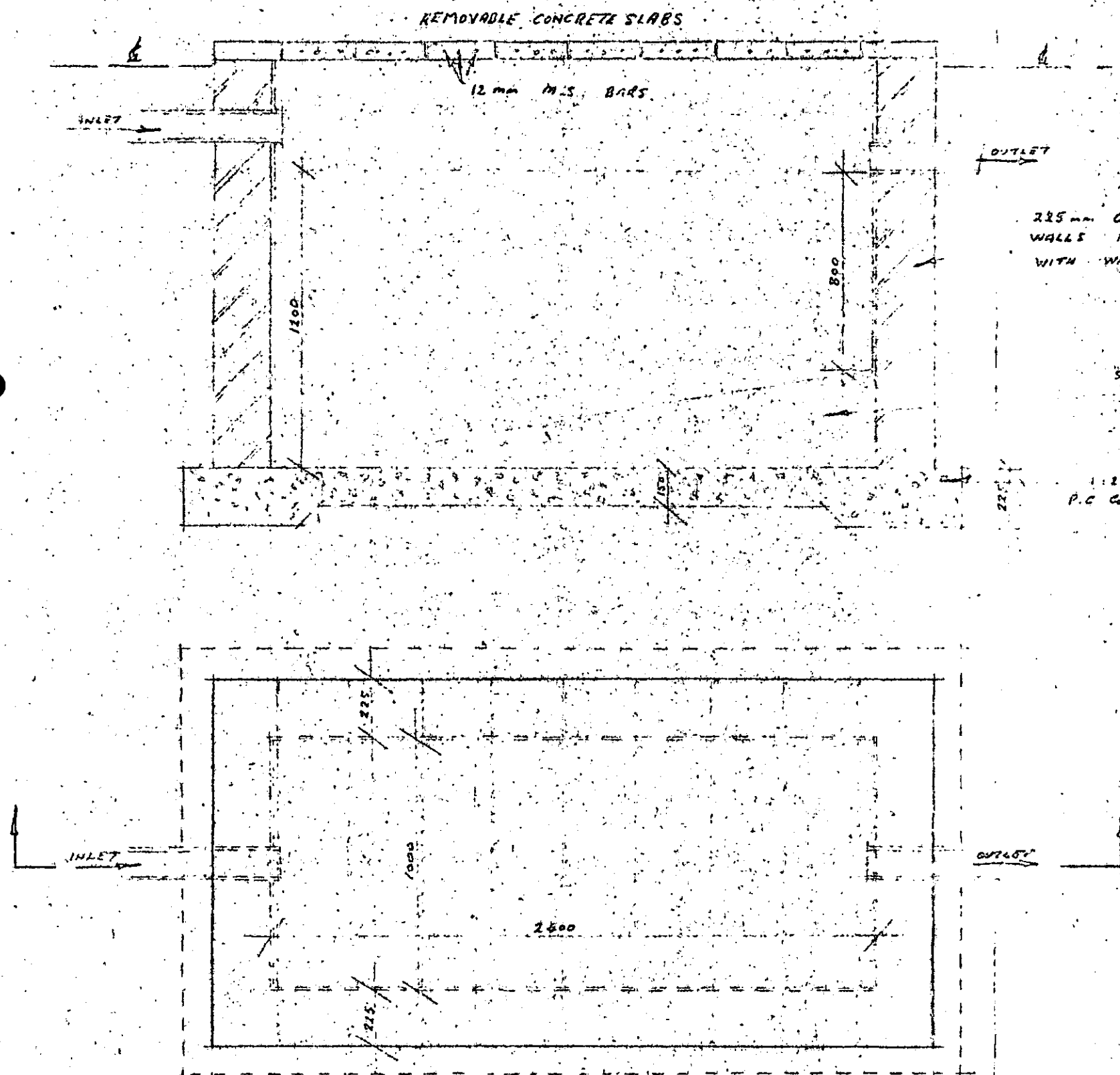
2820 x 1220	5260 x 2135
3430 x 1220	5865 x 2135
4040 x 1220	3430 x 2440
4650 x 1220	4040 x 2440
2820 x 1525	4650 x 2440
3430 x 1525	5260 x 2440
4040 x 1525	5865 x 2440
4650 x 1525	6475 x 2440
2820 x 1830	3430 x 2745
3430 x 1830	5260 x 2745
4040 x 1830	5865 x 2745
4650 x 1830	6475 x 2745
5260 x 1830	7390 x 2745
5865 x 1830	4650 x 3050
3430 x 2135	5260 x 3050
4040 x 2135	5865 x 3050
4650 x 2135	6475 x 3050
	7390 x 3050

The company reserves the right to modify the design or amend the dimensions in respect of any equipment described in this leaflet.

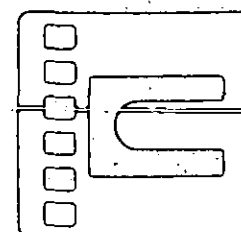
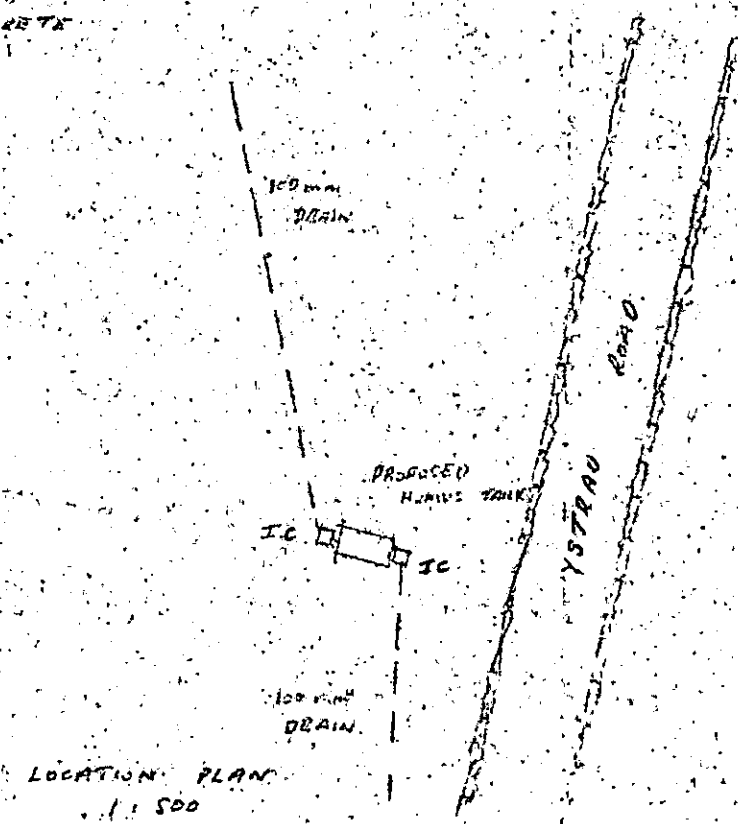


Tuke and Bell Limited

Southern Sales: 43 East Street, Horsham, Sussex. RH12 1HR Telephone: Horsham 4371 Telex: 877314
Northern Sales: Beacon Street, Lichfield, Staffs. WS13 7BB Telephone: Lichfield 51161 Telex: 339216



PLAN and SECTION 1:20



CLWYD COUNTY COUNCIL

G G TOMLINSON
 OA (Manc) RIBA
 County Architect
 Shirehall Mold CH7 6NH

Telephone Mold (0352) 2121

project BRONDYFFRYH HALL DENBIGH		scale 1:20, 1:500
description PROPOSED ALTER- ATIONS TO DRAINAGE SYSTEM		drawn date
		proj ref/dwg no.