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Further information will be supplied when we have received written consent from Severn Trent Water and further discussion have taken place with British Water Ways.

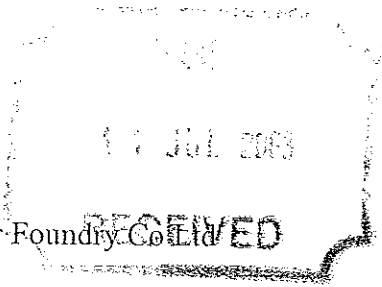
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8 July 2003

The Brockmoor Foundry Co Ltd  
 Leys Road  
 Brockmoor  
 Brierley Hill West Midlands  
 DY5 3UJ



## Severn Trent Water

Severn Trent Water Ltd  
 Waterworks Road  
 Edgbaston  
 Birmingham B16 9DD  
 Tel 0121 452 3666  
 Fax 0121 452 3418  
 Direct Line 0121 452 3303

Contact James Woodcock  
 Your Ref  
 Our Ref

Dear Sir,

**Water Industry Act 1991 - Trade Effluent Notice**

**Discharge to the Public Foul Water Sewer Leys Road, Brockmoor , Brierley Hill West Midlands, DY5 3UJ**

I acknowledge the receipt of the Trade Effluent Notice served on Severn Trent Water Ltd by The Brockmoor Foundry Co Ltd dated 1 July 2003, received 8 July 2003.

Subject to capacity being available in our sewers and sewage treatment works, and that no referral to the Environment Agency is required for any special category wastes under Section 120 of the above act, we anticipate issuing a consent with or without conditions by 8 September 2003.

In the meantime should you have any questions please contact me on the direct line number shown above.

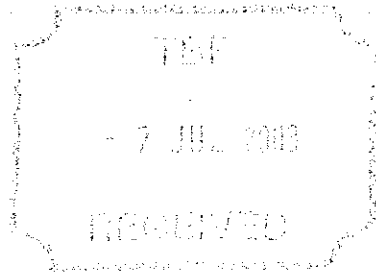
Yours faithfully

James Woodcock  
 Business Services Advisor

A part of Severn Trent Plc







03 July 2003

The Brockmoor Foundry Company Limited  
Leys Road  
Brierley Hill  
West Midlands  
DY5 3UJ  
  
FAO Mr R Harris

## Severn Trent Water

SEVERN TRENT WATER Ltd  
Waterworks Road  
Edgbaston  
Birmingham B16 9DD

Tel 0121 722 4000  
Fax 0121 452 3418  
Direct Line 0121 452 3303

Contact J Woodcock  
Your Ref  
Our Ref

Dear Mr Harris

**Water Industry Act 1991**  
**Proposed Consent to Discharge Trade Effluent**

Further to our meeting on 01 July I write to confirm the following. A consent is to be issued for the discharge of contaminated surface water to the foul sewer once the application forms have been received. The consent will also cover the ancillary discharges from your site.

Trade effluent will be measured by an hours run meter multiplied by a rate of 7 l/second less the shower block meter. Domestic usage will be calculated as supplied water – Block A – Block D – Block F. The sample point will be the outlet from the pipe draining to the pump sump from the direction of the foundry. If facing sump from foundry, the domestic pipe is the pipe entering the pump sump from the right.

In the meantime the discharge can continue pending the issuing of the consent. Please contact me should require any further assistance in the meantime.

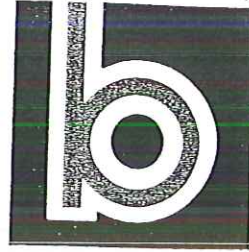
Yours Sincerely

James Woodcock  
**Business Services Advisor**

A part of Severn Trent Plc







**BROCKMOOR**

Telephone: 01384 471500  
Telefax: 01384 480032

REGISTERED OFFICE:  
THE BROCKMOOR FOUNDRY CO. LIMITED  
LEYS ROAD, BROCKMOOR  
BRIERLEY HILL  
WEST MIDLANDS DY5 3UJ

Registered No. 317267 England

YOUR REF

OUR REF

DATE

RH/MJM

4<sup>th</sup> July 2003

Severn Trent Water Ltd  
Waterworks Road  
Edgbaston  
Birmingham  
B16 9DD

For the attention of Mr. James Woodcock  
Business Services Advisor

Dear James,

Subject: Our discussion Tuesday 1 July 2003 ref application for consent to discharge.

I enclose two A4 copies of the area of site that discharge is sought for, along with a diagram of sample point position and potential water discharges. Process water would only be discharged in an emergency condition, i.e. complete loss of power or failure of closed circuit system.

There is a water meter installed in the shower/toilet block as discussed. An hour run meter is being fitted to the flight sewer pump, which discharges at 6/7 litres per second.

Kind regards,

Yours sincerely,  
THE BROCKMOOR FOUNDRY COMPANY LIMITED

R. HARRIS

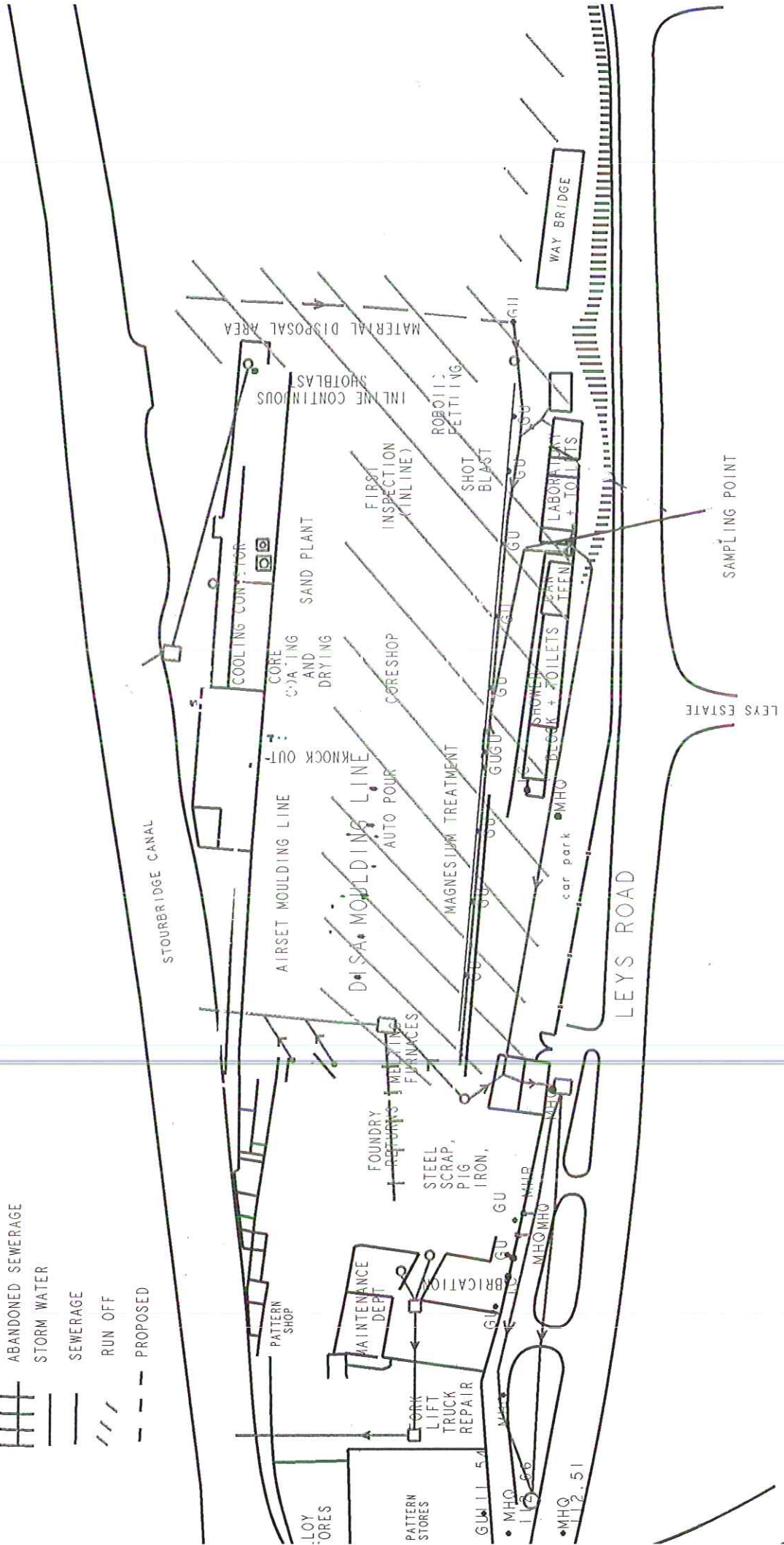
Enc.





# BROCKMOOR - NORTH SITE - POST CODE DY5 3UJ

- ||||| ABANDONED SEWERAGE
- ==== STORM WATER
- ==== SEWERAGE
- //// RUN OFF
- PROPOSED





## Water Discharges

Disa Filtration System Emergency Water. 40 litres/min x 12 hours for about max 4 days a year.

Sand Reclaimer – Bleed off water - 500 litres a day x 7.

Air Set Cooler – Bleed off water – 400 litres a day x 5.

Disa Cooling Water fir Hydraulics – about 20 litres/min x 12 x 4 days max.

Press Pour – Drain once a year for ½ hr at 45 litres/min x 12 hrs.

Press Pour Induction Box change – 4 times a year 17.5 litres/min x 12 hrs.



## Point Source Emissions to Water

### Summary List of Emissions

**a) Discharges to Surface Waters** (name of Water Course)

Ref	Source	Discharge Consent No.
W1		
W2		

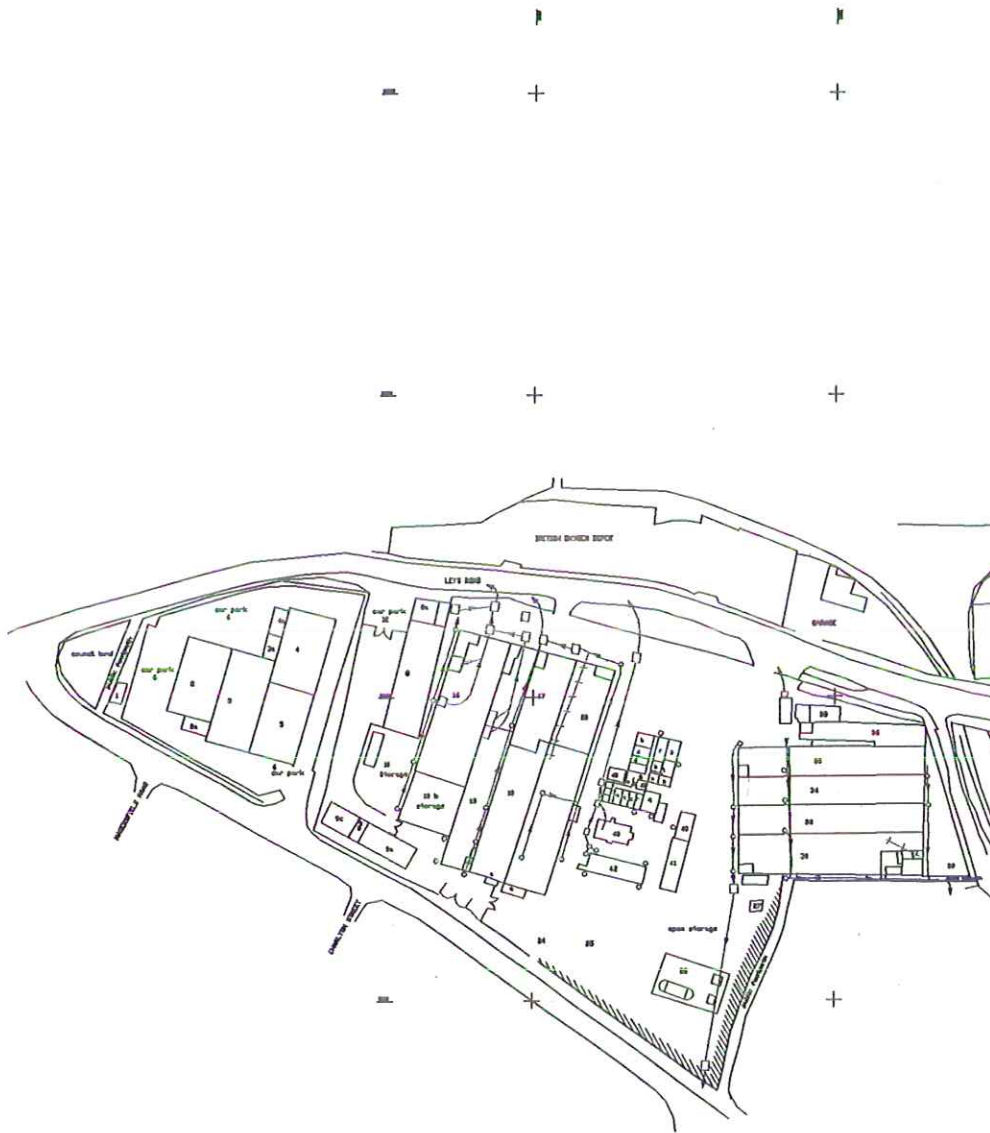
**b) Discharges to Foul Sewer** (name of Sewerage Undertaker)

Ref	Source	Discharge Consent No.
S1		
S2		

The location of all discharge points are shown on Map Ref. ??, along with the site drainage system.

**Note:** *If required by your regulator, copies of discharge consents should be included with this document.*





This Plan is based upon the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown Copyright Reserved.



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Engineer	Client	BROCKMOOR FOUNDRY		Title	SOUTH WORKS-- SITE LAYOUT AND DRAINAGE PLAN
Checked	Project	BROCKMOOR FOUNDRY			
Approved	Date	Scale	Drawing		
	19/05/03	1:2500	CS003/03		

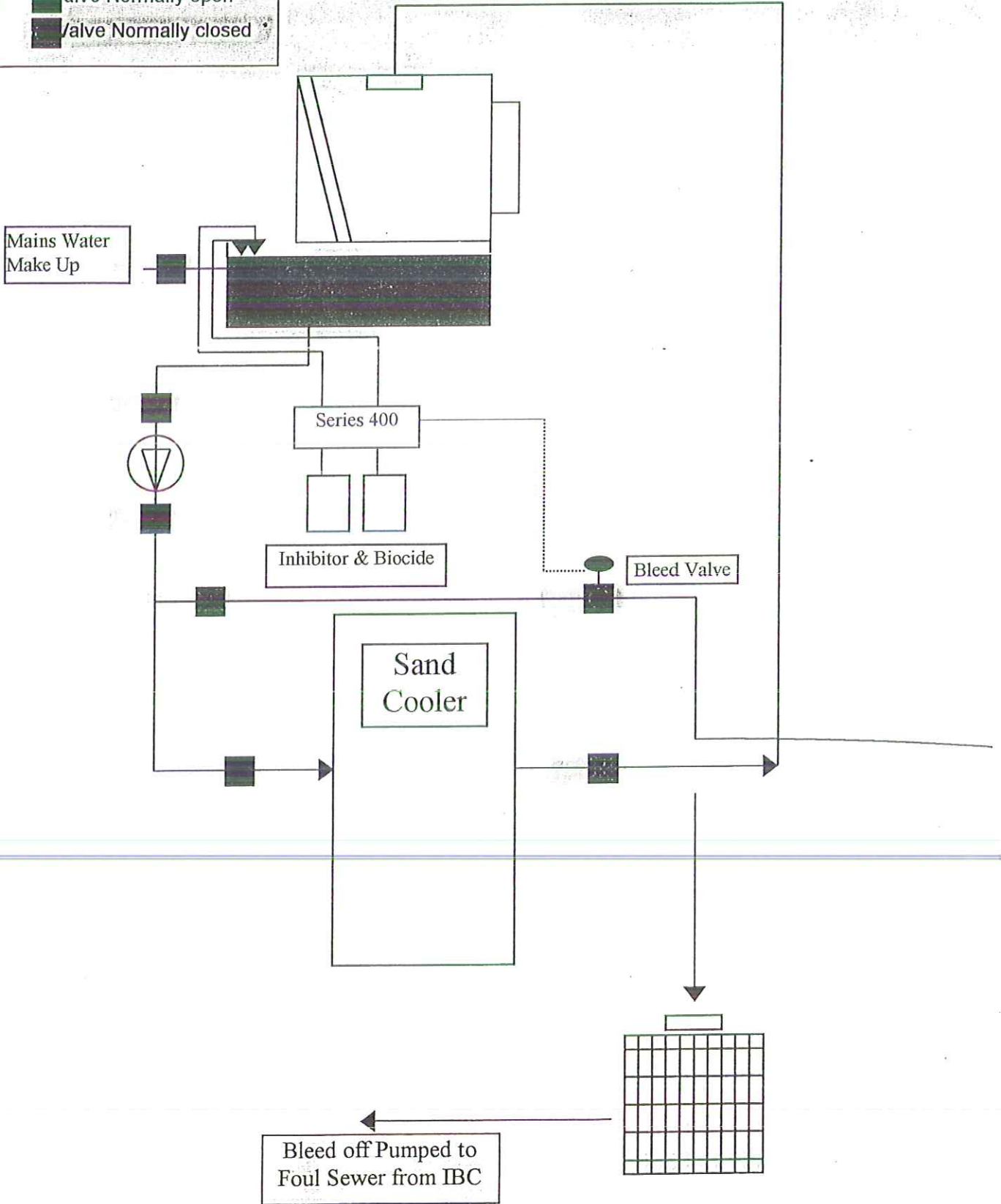




# WATERWIDE

Airset System  
February 2001

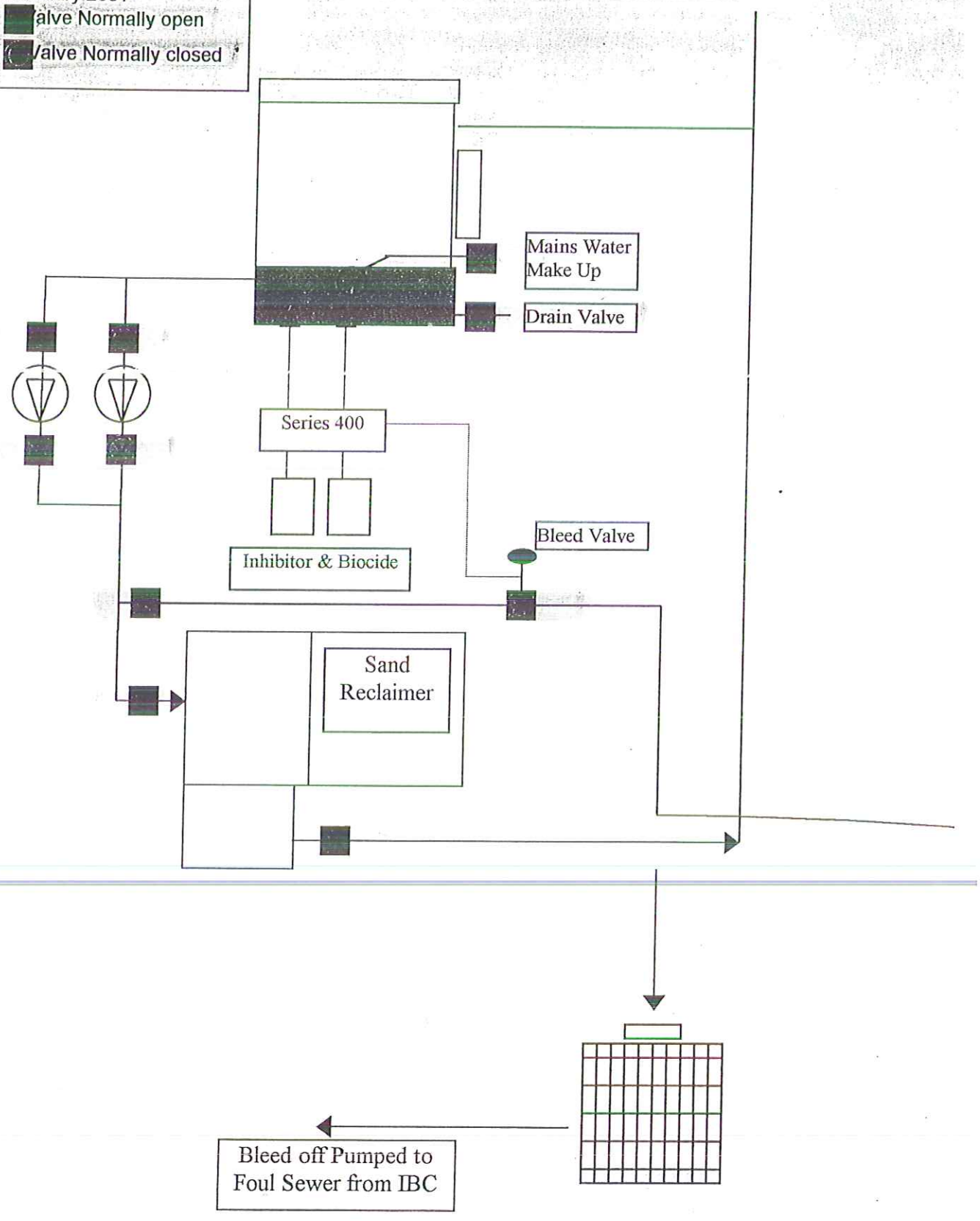
Valve Normally open  
Valve Normally closed





# WATERWIDE

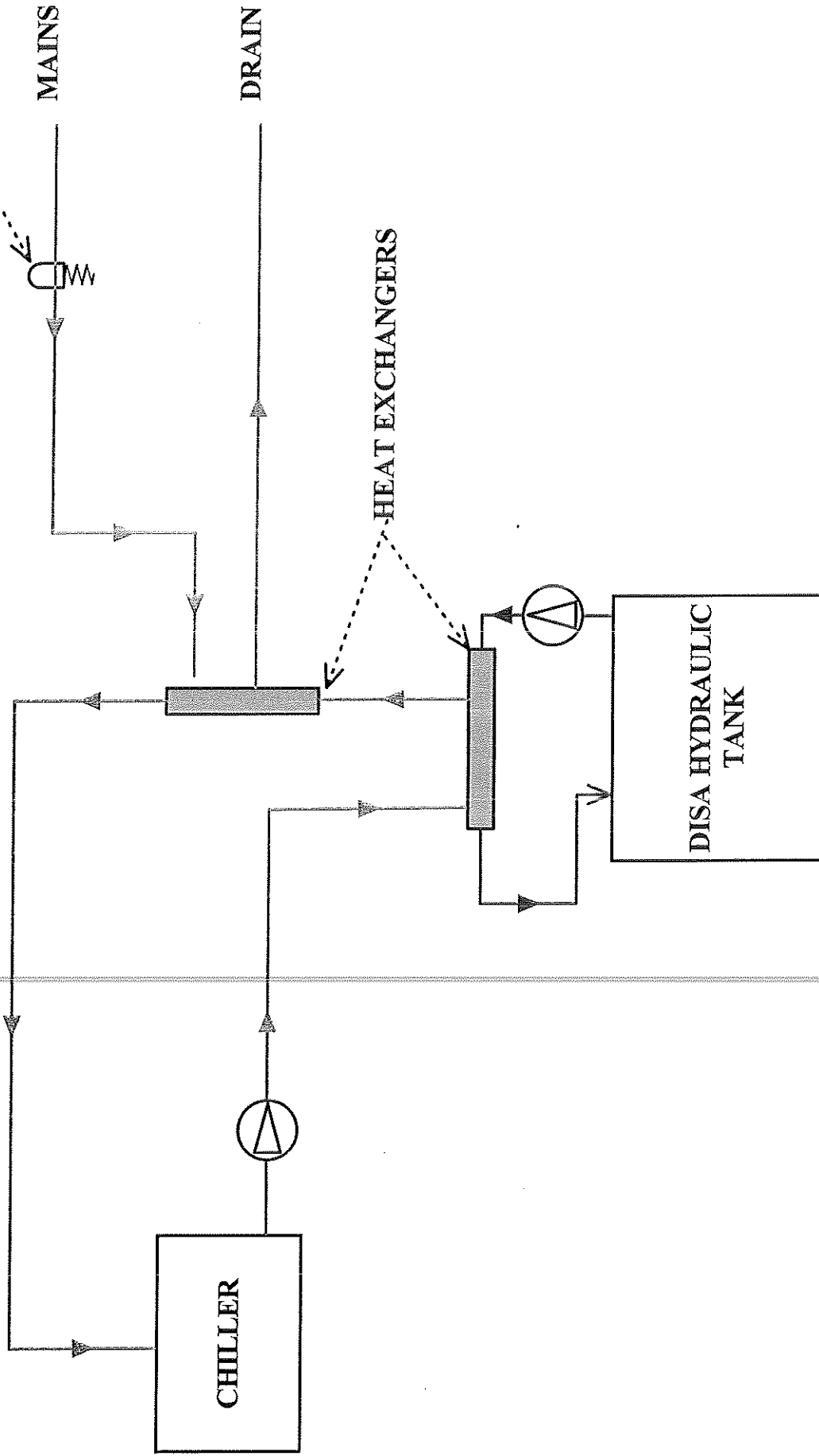
Sand Reclaimer System  
February 2001  
■ Valve Normally open  
● Valve Normally closed





# DISA HYDRAULIC OIL COOLING SYSTEMS

STAT CONTROL VALVE OPENS AT 55°C

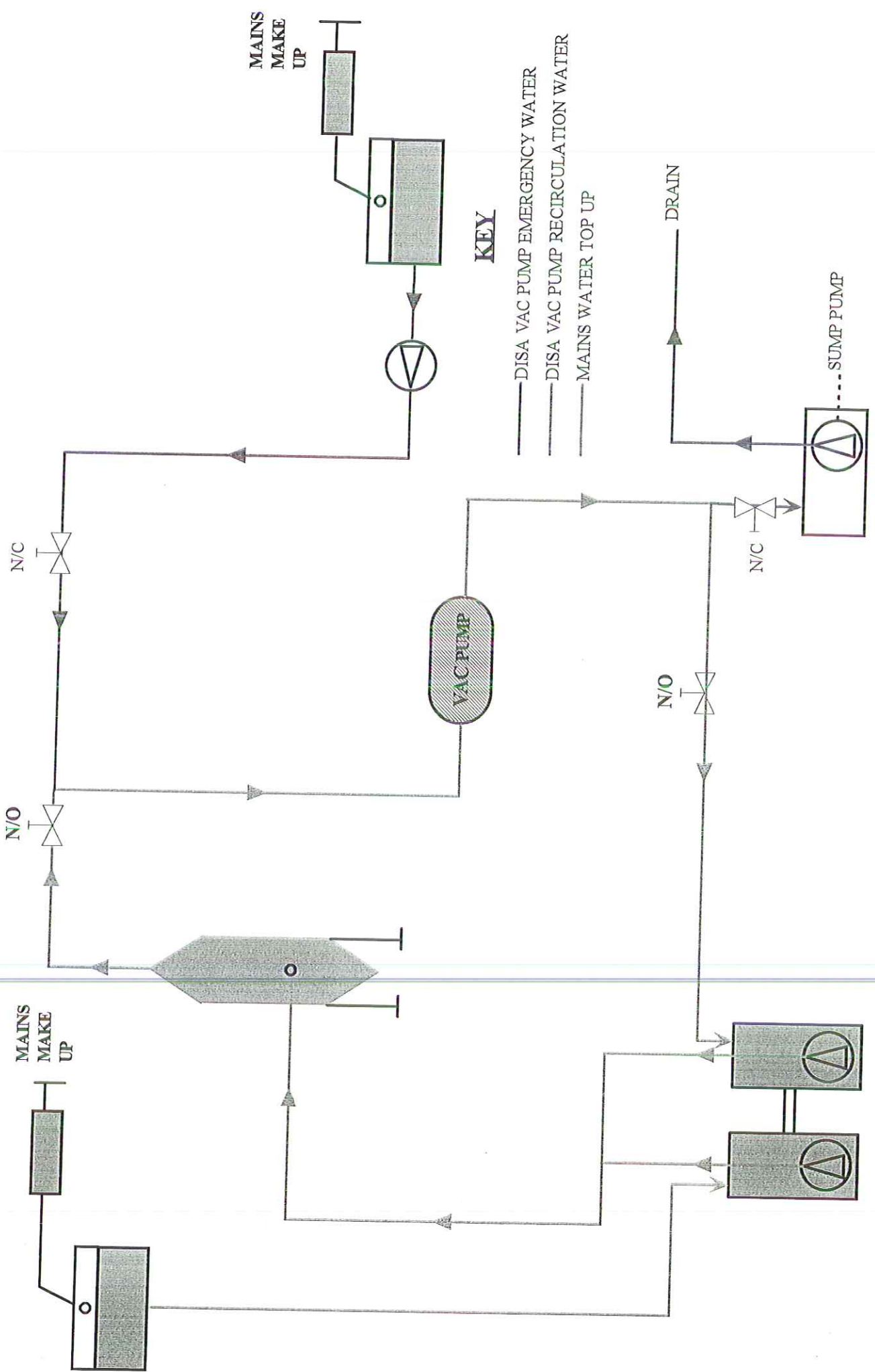


## KEY

- DISA HYDRAULIC OIL RE-CIRCULATION SYSTEM
- DISA HYDRAULIC OIL COOLING SYSTEM
- DISA HYDRAULIC OIL ADDITIONAL COOLING SYSTEM



# DISA VAC PUMP COOLING WATER SYSTEMS



SUMP PUMPS IN 45 GALLON DRUMS





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