

# TWIN SCREW FERRYBOAT FOR TYNE IMPROVEMENT COMMISSION

YARD N° 51

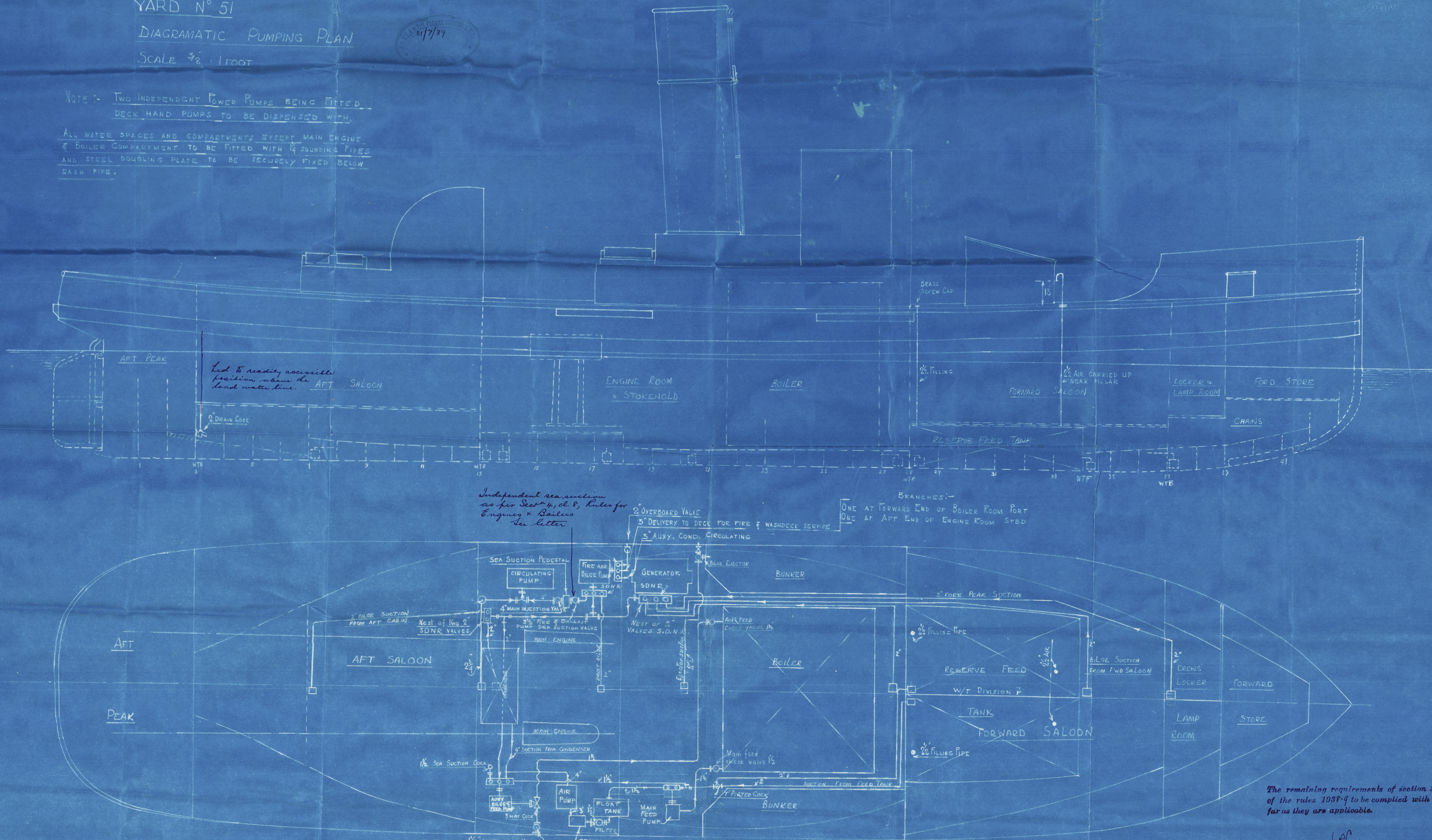
DIAGRAMATIC PUMPING PLAN

SCALE  $\frac{3}{8}$  - 1 FOOT



NOTE:- TWO INDEPENDENT POWER PUMPS BEING FITTED  
DECK HAND PUMPS TO BE DISPENSED WITH.

ALL WATER SPACES AND COMPARTMENTS EXCEPT MAIN ENGINE  
& BOILER COMPARTMENT TO BE FITTED WITH 14 SOUNDING PIPES  
AND STEEL DOUBLING PLATE TO BE SECURELY FIXED BELOW  
EACH PIPE.



Independent sea suction  
as per Sect 4, cl. 8, Rules for  
Engines & Boilers  
See letter

BRANCHES:-

ONE AT FORWARD END OF BOILER ROOM PORT  
ONE AT AFT END OF ENGINE ROOM STBD

The remaining requirements of section 34  
of the rules 1938-4 to be complied with so  
far as they are applicable.

DRAWING N° 3781

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CLELANDS (SUCCESSORS) LTD,  
WILLINGTON QUAY ON TYNE

DRAWN BY a 64

CHECKED BY H.B.C. 11/8/39

DATE



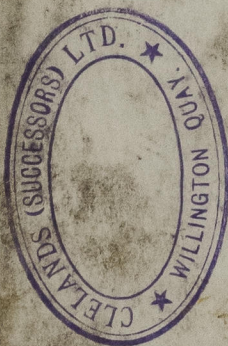
18/39

No 51

PUMPING ARRANGEMENT

CLELANDS

T.S. J. Bellingwood



C.S. S. "Bollingwood"

NEWCASTLE ON TYNE

Report No. 98510

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