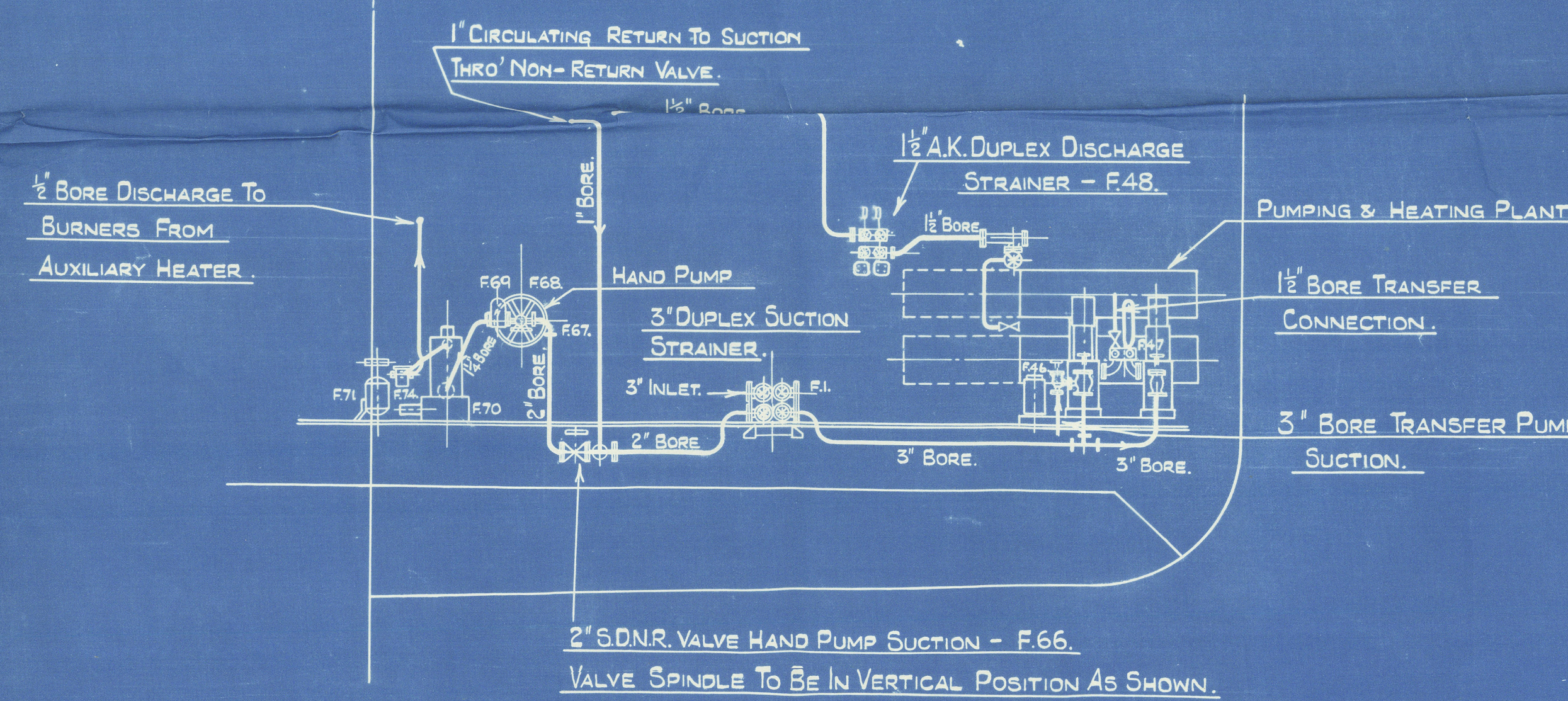
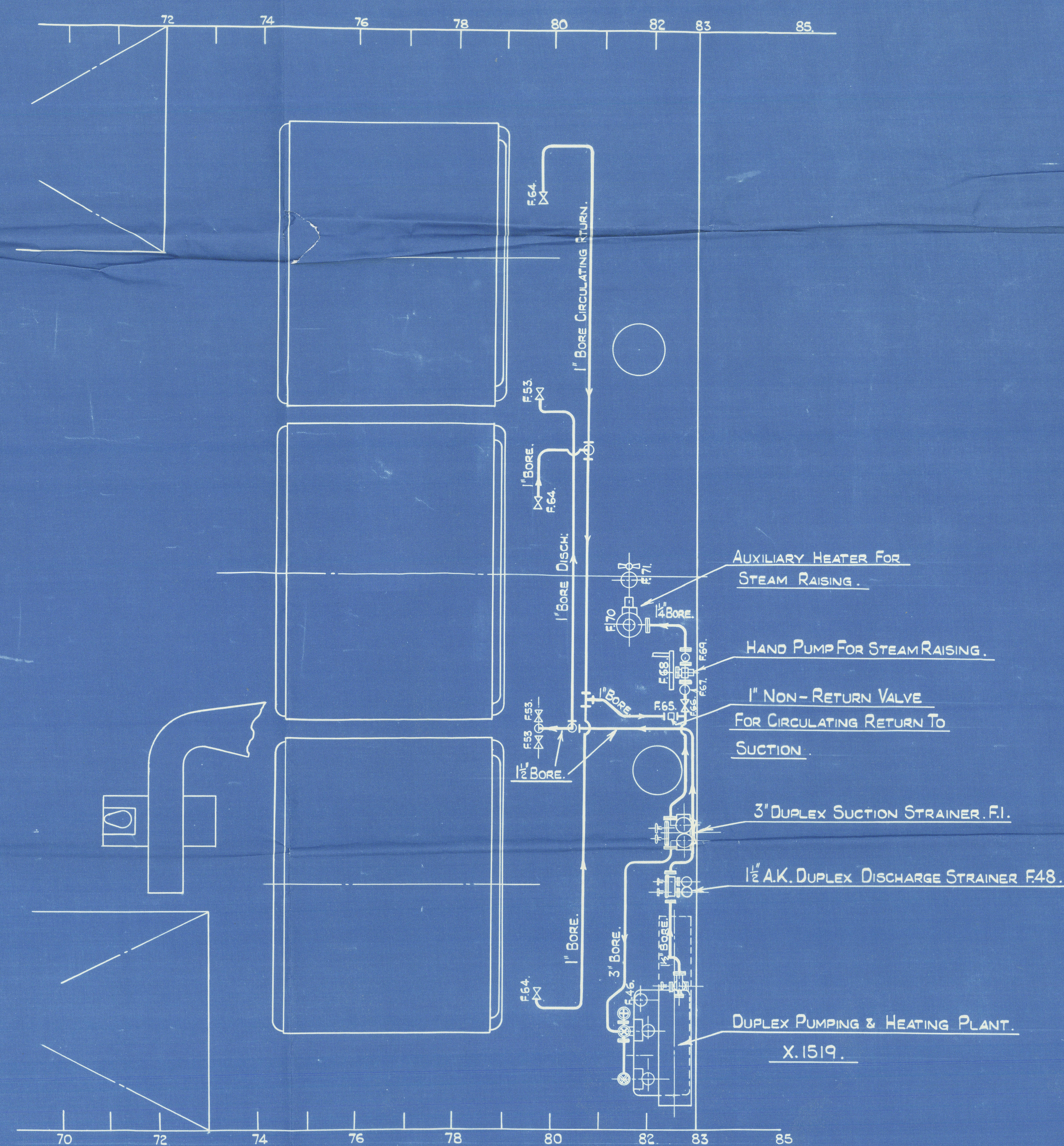


VIEW LOOKING ON BOILER FRONTS.



VIEW LOOKING ON OIL FUEL UNIT.
SHOWING CONNECTIONS.

NOTE!

ALL JOINTS IN HOT OIL & STEAM PIPING TO BE MADE OF HIGH PRESSURE JOINTING.
ALL JOINTS IN SUCTION PIPES TO BE MADE OF APPROVED CARDBOARD.
GREAT CARE TO BE TAKEN IN MAKING JOINTS IN OIL FUEL PIPES.
ALL JOINTS IN OIL FUEL DISCHARGE PIPES TO HAVE FACED FLANGES & TO BE SUITABLE FOR A PRESSURE OF 225 LBS PER SQUARE INCH.
ALL OIL FUEL DISCHARGE PIPES TO BE TESTED TO A PRESSURE OF 400 LBS PER SQ. IN.
ALL FLANGES FOR OIL FUEL SUCTION PIPES TO BE SUITABLE FOR A PRESSURE OF 125 LBS. PER SQ. IN & TO BE TESTED TO A PRESSURE OF 50 LBS PER SQ. IN.
PIPES TO BE LED AS DIRECT AS POSSIBLE WITH EASY BENDS WHERE NECESSARY.
ALL DISCHARGE PIPES FROM HEATERS TO BURNERS TO BE LARGED.
ALL STEAM PIPES TO BE LARGED WITH ASBESTOS & CANVAS.
WHERE PIPES PASS THROUGH FLOOR THEY SHOULD BE PROTECTED IN A SATISFACTORY MANNER.
ALL BRANCH & TEE PIECES TO HAVE DIRECTION GIVEN IN WAY OF FLOW.
SAND BOX OF 10 CUB. FT. CAPACITY TO BE PROVIDED IN STOKEHOLD.
SYPHON LOCKED COCKS TO BE FITTED ON OIL FUEL TANKS WITH PIPES LED DOWN TO 2" FROM BOTTOM OF TANKS FOR DRAINING WATER SETTLED IN SAME.
HEATING COILS TO BE FITTED IN ALL OIL FUEL TANKS.
SATURATED STEAM ONLY TO BE LED TO PUMPING & HEATING PLANT.
SLUICE VALVES TO BE FITTED TO TANKS FOR OIL FUEL PUMP SUCTIONS & TO BE FITTED WITH EXTENSION SPINDLES LED TO DECK OUTSIDE FIDLEY.
PARTICULARLY NOTE THAT THE DAMPER IN FUNNEL MUST BE PLACED IN AN OPEN POSITION & PADLOCKED SO THAT IT CANNOT BE TAMPERED WITH OR IT SHOULD BE REMOVED ENTIRELY.

IT IS RECOMMENDED FOR MAXIMUM EFFICIENCY RETARDERS BE FITTED IN ALL BOILER TUBES EXCEPT THE THREE BOTTOM ROWS.

The remaining requirements of the Rules for Pumping and Piping to be complied with as far as they are applicable.

FOR ARRANGEMENT OF PUMPING & HEATING PLANT SEE DRG. N° 3745 & 3745A.
FOR TYPICAL ARRANGEMENT OF BRICKWORK IN FURNACES SEE SKETCH N° 3098.
FOR SECTION THRO' AUXILIARY OIL FUEL HEATER FOR "LIGHTING UP" SEE SKETCH N° 1294.
FOR TYPICAL ARRANGEMENT OF STEAM RAISING APPARATUS SEE SKETCH N° 7008.

FOR LIST OF FITTINGS SUPPLIED BY W.S.E.C. SEE BOOK OF SKETCHES.
SURVEY:- LLOYDS.

WALLSEND-HOWDEN PRESSURE SYSTEM OF OIL BURNING.

PATENT.

DIAGRAMMATIC ARR. OF OIL FUEL INSTALLATION IN SHIP.

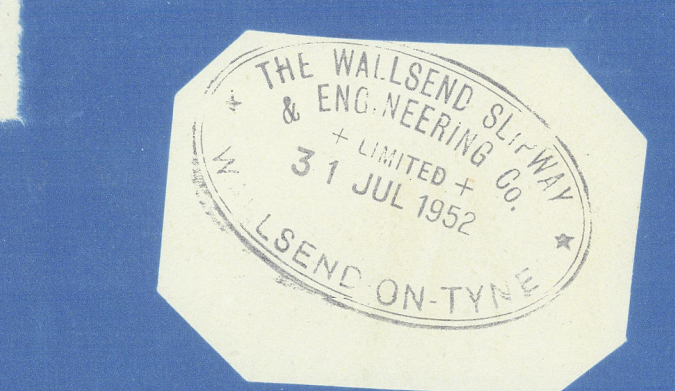
CONTRACT N° F. 3056

SCALE:- 1/4" = 1 FOOT.

FOR MESSRS R CHAPMAN & SONS, NEWCASTLE-ON-TYNE.

S. S. "BRIGHTON"

CHECKED BY:-
DATE:- 21.1.1950



SKETCH N° F. 1485.

DESTROY

1976

SS. BRIGHTON

DIAGRAMMATIC ARRANGEMENT OF
OIL FUEL INSTALLATION



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