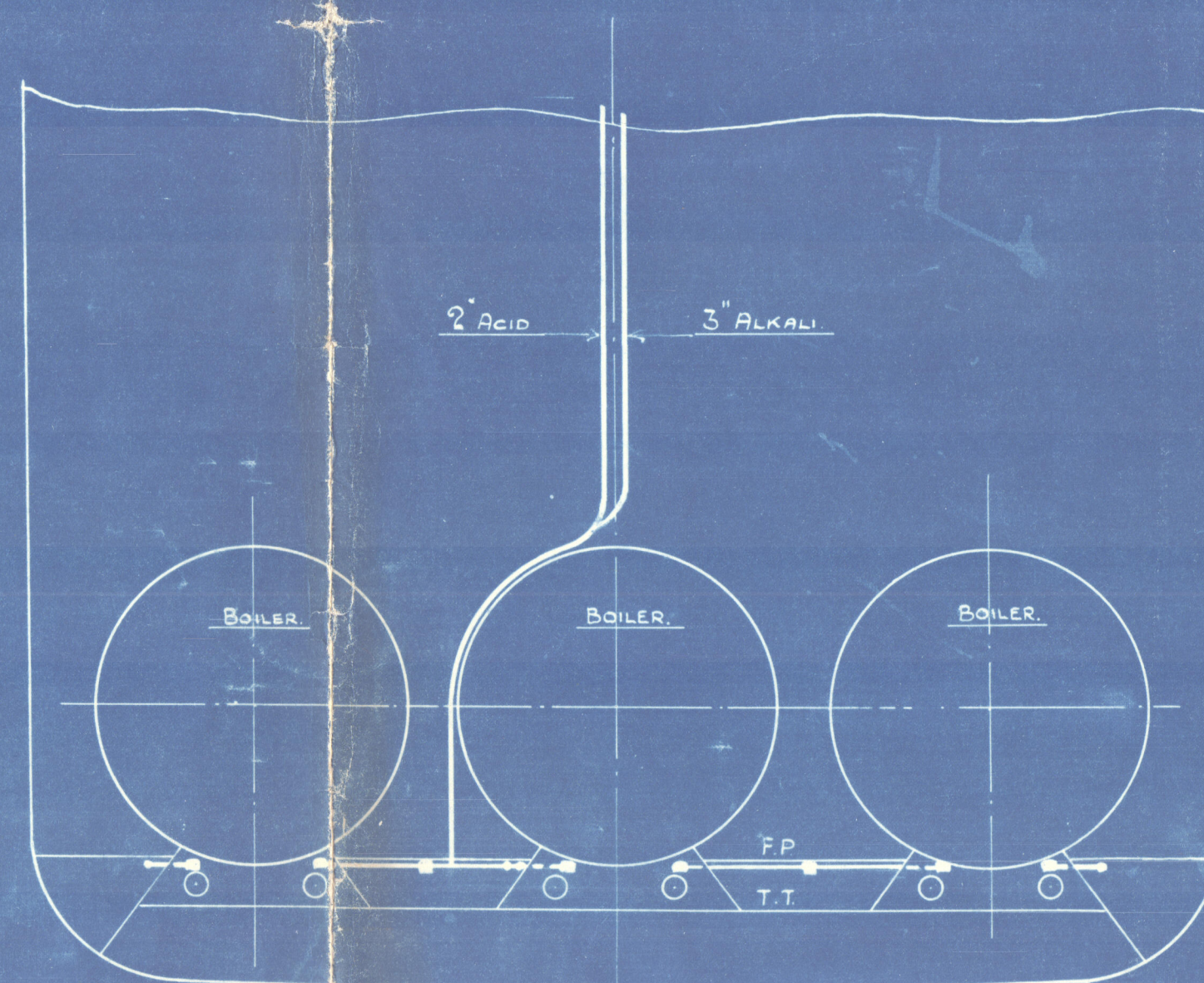
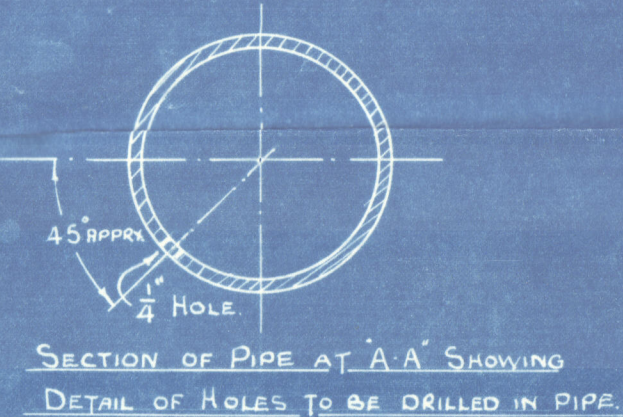


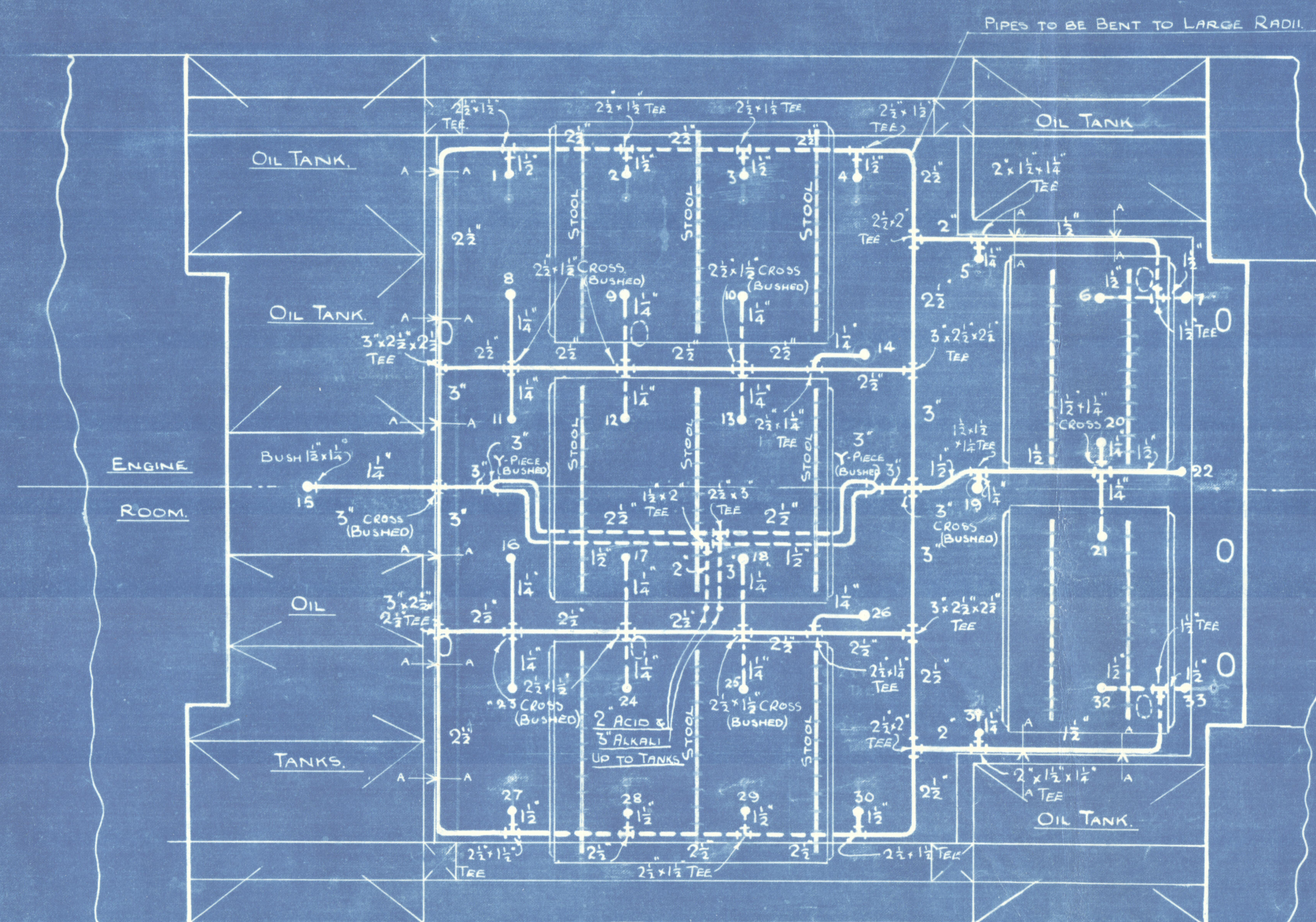
ELEVATION.



SECTION.

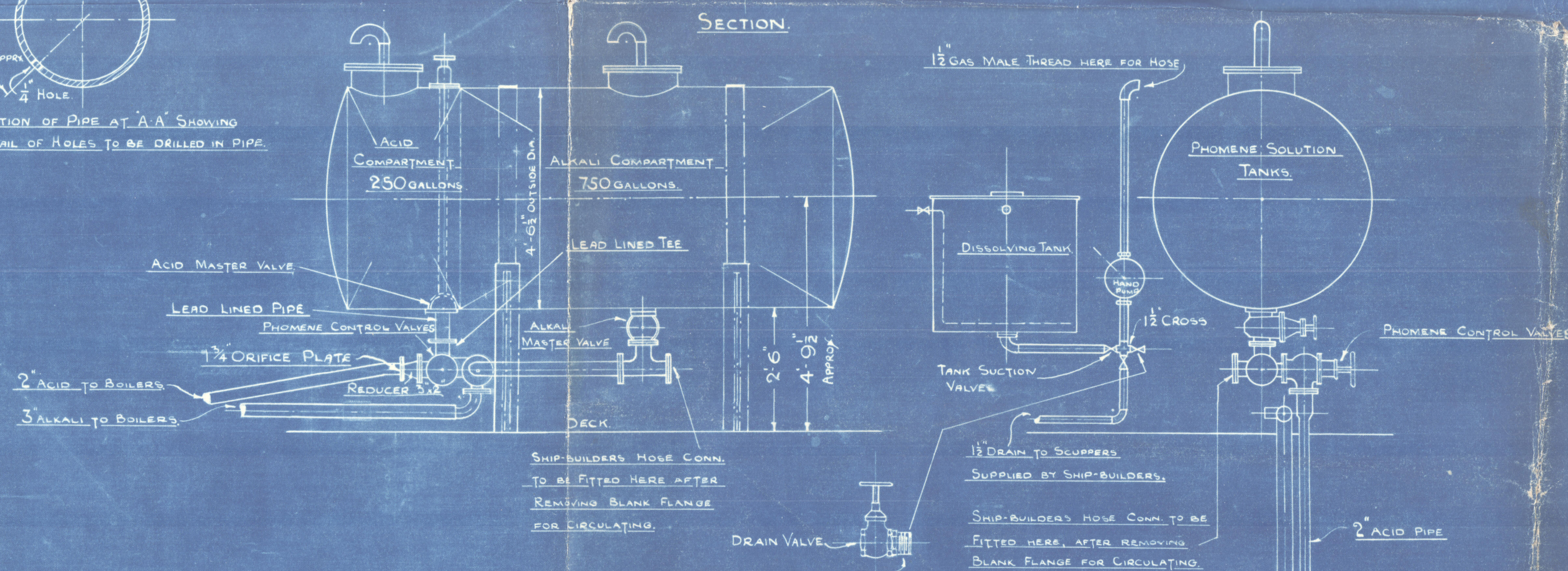


SECTION OF PIPE AT A-A SHOWING
DETAIL OF HOLES TO BE DRILLED IN PIPE.

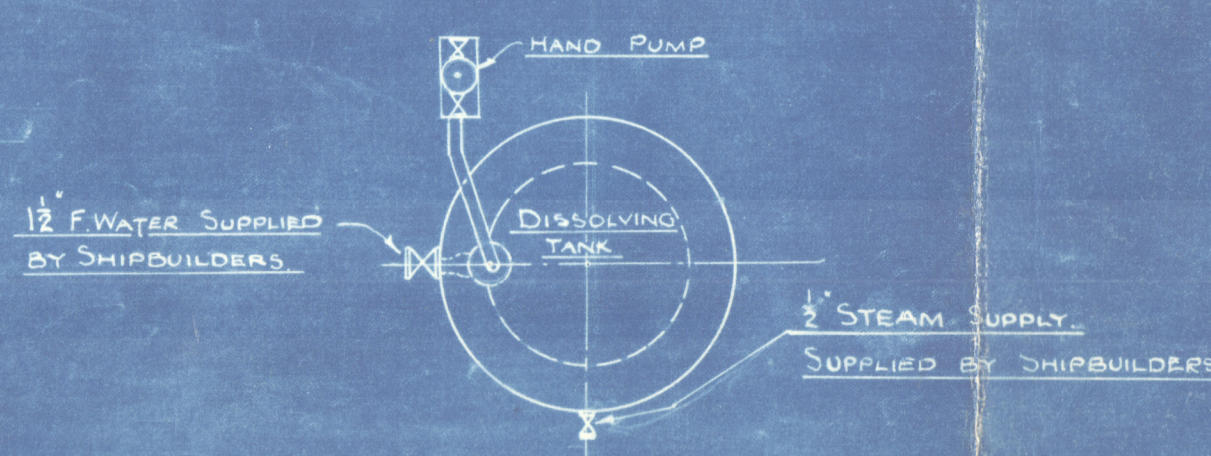
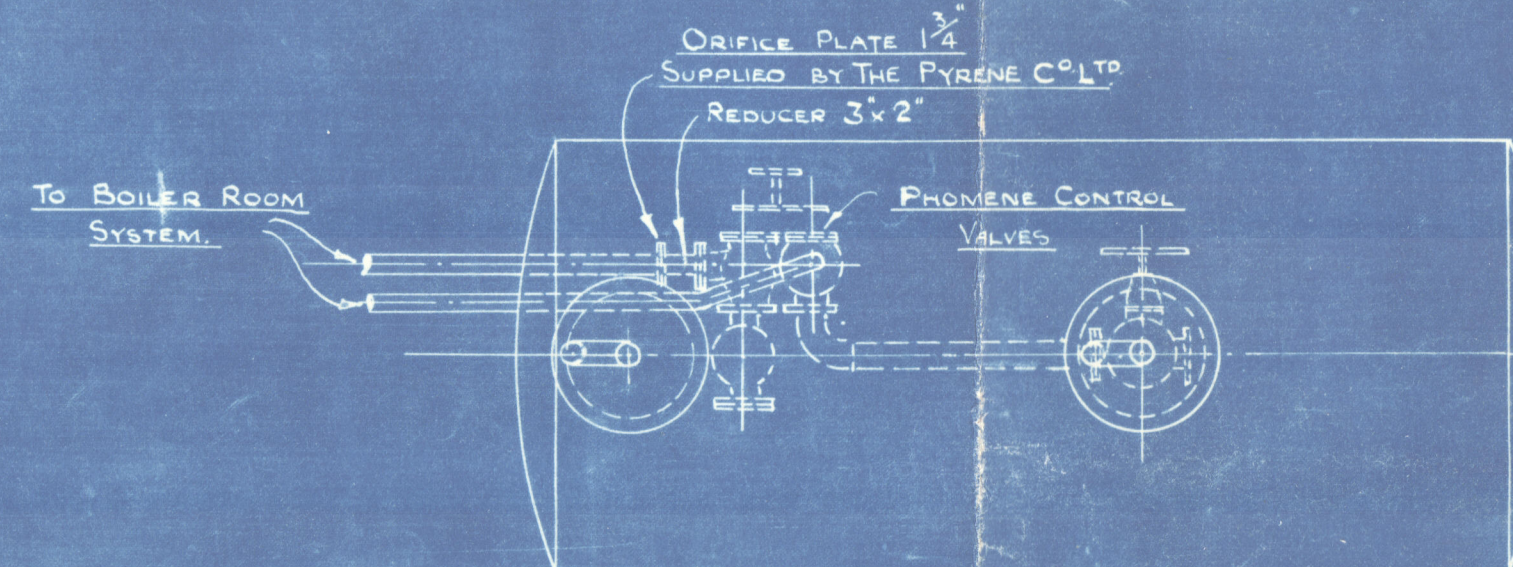


PLAN.

NOTE.
WHEN PHOMENE SPREADERS ARE FED BY AN
1/2" PIPE, REDUCING BUSHES 1/2" x 1/4" ARE TO
BE FITTED AT THE SPREADER.



ARRG OF SOLUTION TANKS & FITTINGS AT
CASING TOP SCALE 1/2" = 1'-0"



END VIEW OF SOLUTION TANK LOOKING AFT.

TO SUIT SIZE & TYPE OF SHIPS FIRE &
WASH DECK HYDRANT COUPLING
(2 1/2" ROUND THREAD - FEMALE -
SWIVEL PATTERN)

FLANGE DRILLED -
4 - 1/16 HOLES 5/4 P.C.D.

DIMENSIONS OF SHIPS HOSE
FITTING TO TAKE CIRCULATING HOSE
2" OFF.

NOTES.

SUPPLIED BY THE PYRENE COMPANY LIMITED.

HARLAND & WOLFF LTD.

TANKS, VALVES, HAND PUMP, PIPING & PIPE
FITTINGS, PHOMENE SPREADERS, INSTRUCTION
PLATES, CIRCULATING & FILLING HOSES.
TESTING SET, CHEMICAL CHARGE, WORKING
DRAWINGS, INSTRUCTIONAL BOOKLETS.

TANK SEATS, STRAPS, PIPE CLIPS, JOINTING
MATERIAL, DECK & BULKHEAD PIECES, ERECTION
SUPPORTS FOR ENTIRE INSTALLATION. 1 1/2" COLD
FRESH WATER & 1/2" STEAM SUPPLIES TO THE
DISSOLVING TANK, ANY NECESSARY EXTENDED
VALVE GEARING OR TANK INSULATION.
2 FLANGED ADAPTORS FOR CIRCULATING,
AND FLUSHING OUT.

THE GENERAL FEATURES OF THIS WORKING DRAWING SHOULD BE ADHERED TO, BUT MODIFICATIONS
MAY BE MADE WITHIN REASON TO SUIT CONDITIONS ON SHIP. DIPS IN PIPE LINES SHOULD
BE AVOIDED, BUT WHERE NECESSARY, DRAIN HOLES SHOULD BE FITTED AT LOWEST POINTS.
PHOMENE SPREADERS SHOULD BE FITTED HORIZONTALLY AS HIGH UP UNDER THE FLOOR
PLATES AS POSSIBLE, AND IN THE POSITIONS CONSIDERED TO AFFORD THE MAXIMUM
PROTECTION. THE PHOMENE SPREADERS ARE NUMBERED FOR REFERENCE PURPOSES.
BENDS IN PIPING TO BE MADE TO LARGE RADII TO ASSIST THE FLOW IN THE PIPES,
AND SHARP BENDS OR ELBOWS SHOULD NOT BE USED.
THE TOTAL NUMBER OF PHOMENE SPREADERS IS 33.

BEFORE CHARGING THE SOLUTION TANKS WITH CHEMICALS, A WATER TEST
SHOULD BE CARRIED OUT ON THE SYSTEM TO ENSURE THAT ALL PIPE LINES ARE FREE
FROM OBSTRUCTIONS. AN ADEQUATE SUPPLY OF COLD FRESH WATER AND STEAM SHOULD
BE AVAILABLE FOR THE DISSOLVING TANK BEFORE COMMENCING THE CHARGING
OPERATIONS.
SEE SEPARATE BOOKLET FOR CHARGING AND OPERATING INSTRUCTIONS.

AREA OF BOILER ROOM = 3050 SQ FEET.
CAPACITY OF ALKALI TANK (PLAIN) = 750 GALLONS.
" " ACID (LEAD LINED) = 250 GALLONS.
DEPTH OF FOAM - 6" MINIMUM EXPANSION FIGURE - 9 1/2"

"S.S. LLANDOVERY CASTLE"
AND
"S.S. LLANDAFF CASTLE."
PHOMENE GRAVITY INSTALLATION FOR

BOILER ROOM.
GENERAL LAYOUT AND
WORKING DRAWINGS.

Belfast Rpt 12394.

THE PYRENE COMPANY LTD.
GREAT WEST ROAD,
BRENTFORD, MIDDLESEX.

DRAWN E. BURRITT
CHECKED
APPROVED
DATE 18-1-39

SCALE 1/2" = 1' FEET
TENDERNº 2021
ORDER Nº

DRG. Nº E/O/381-2534

