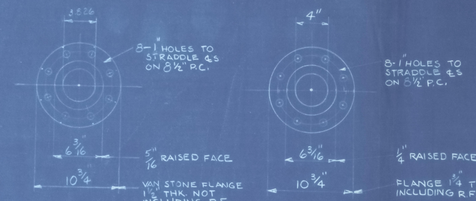
DRAWING NUMBER ML-243403 204



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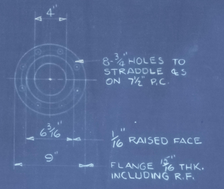

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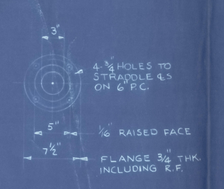

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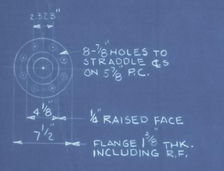

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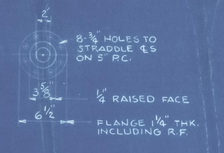

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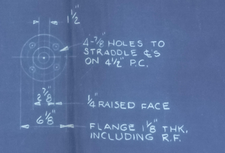

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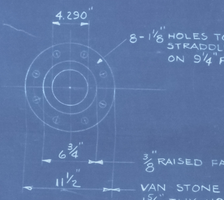

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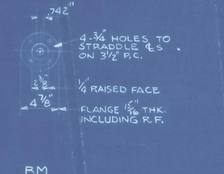

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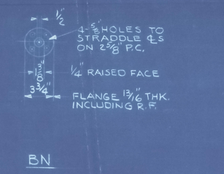

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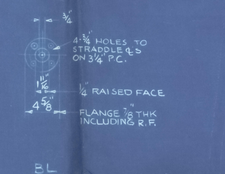

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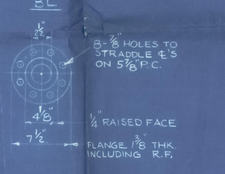
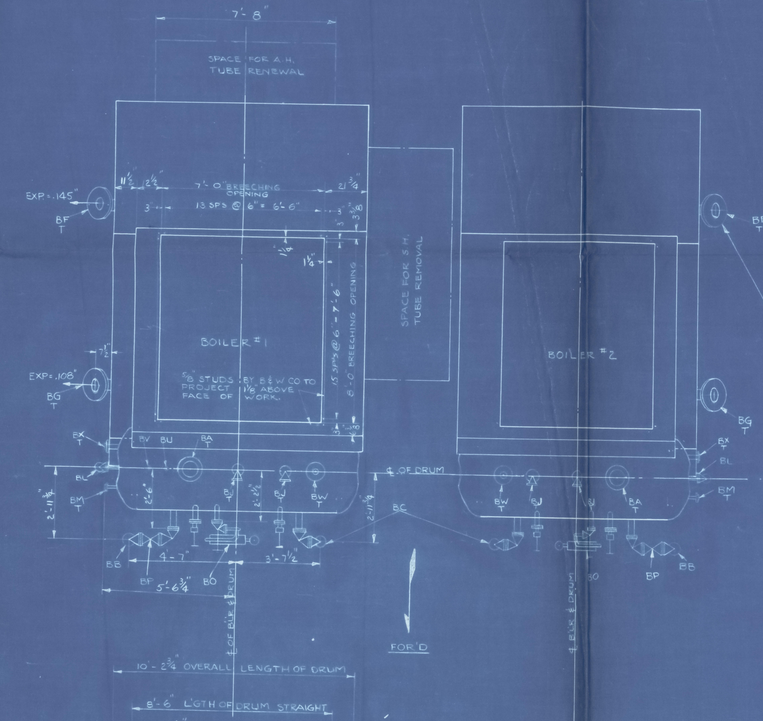
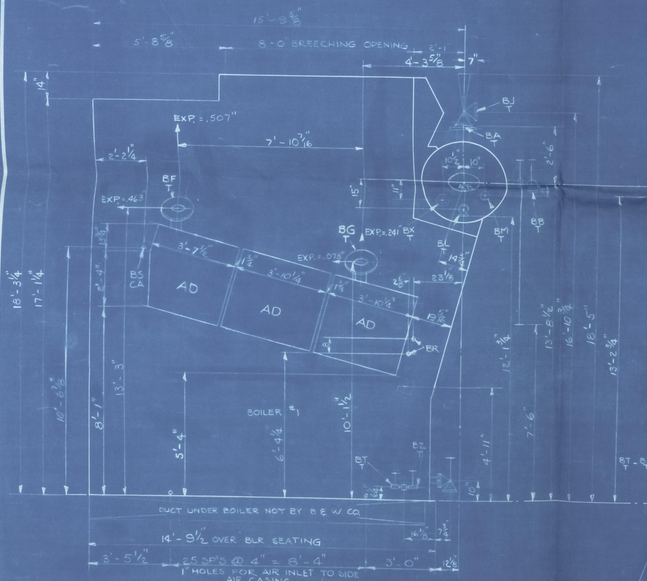


BH

DESIGNATION OF SYMBOLS

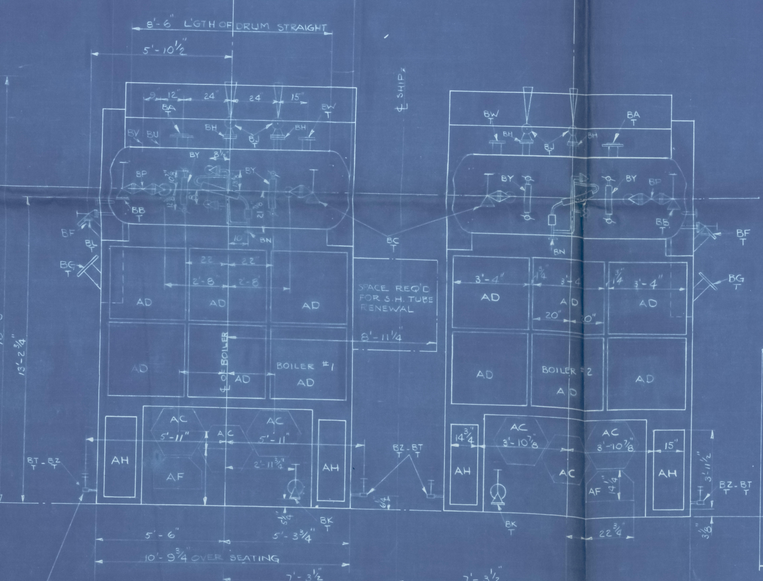
AB - 12"x16" MANHOLE IN BOTH DRUMHEADS
AC - OIL BURNERS
AD - REMOVABLE PANELS
AE - ACCESS DOOR IN S.H. LOOP SIDE OF BOILER
AF - ACCESS DOOR IN FURNACE FRONT
AH - HINGED ACCESS DOORS.
BA - 4" MAIN STEAM OUTLET ON DRUM
BB - 2" MAIN FEED CONN.
BC - 2" AUX. FEED CONN.
BD - 1½" S.H. SAFETY VALVE INLET
BE - 3" S.H. SAFETY VALVE OUTLET
BF - 4½ S.H. OUTLET FLANGE
BG - 4" S.H. INLET FLANGE.
BH - 2½" SAFETY VALVE INLET
BJ - 4" SAFETY VALVE OUTLET
BK - 1½" BOTTOM BLOW OFF CONN.
BL - ¾" SURFACE BLOW OFF CONN.
BM - 1" FLANGE ON ¾" CHEM FEED CONN.
BN - ½" F.W. REGULATOR DRAIN FLANGE
BO - FEED WATER REGULATOR GEN.
BP - 2" F.W. REGULATOR VALVE
BR - ¾" S.H. DRAIN VALVE
BS - ½" S.H. VENT VALVE
BT - ½" SALINOMETER VALVE.
BU - ¾" TAP FOR STEAM GAGE & AIR VALVE CONN.
BV - ¾" TAP FOR CLEANING HOSE CONN.
BW - 2½" DESUPERHEATER OUTLET
BX - 2½" DESUPERHEATER INLET
BY - WATER GAGE
BZ - ¾" WATER WALL DRAIN VALVE.
T - B & W CO'S WORK TERMINATES HERE.
CA - ⅜" S.H. CIRCULATOR VALVE



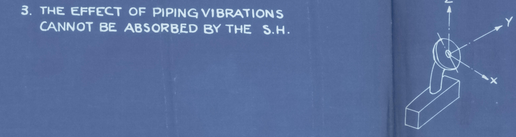


S.H. BOX SIDE VIEW

DRAIN VALVES "BZ" TO BE LOCKED CLOSED VALVES NOT TO BE OPENED UNTIL OIL BURNERS ARE SECURED.



FRONT VIEW



1. THE COMPONENTS OF THE REACTIONS OF THE PURCHASERS PIPING IN EITHER COLD OR HOT POSITIONS, DUE TO ABSORBING THE S.H. NOZZLE MOVEMENT AND THE MOVEMENT RESULTING FROM PURCHASERS PIPING SHALL NOT EXCEED THOSE GIVEN IN THE TABULATION
2. NO LOAD FROM WEIGHT OF PIPING OR FITTINGS SHALL BEAR UPON THE S.H. REGARDLESS OF VESSEL'S TRIM.
3. THE EFFECT OF PIPING VIBRATIONS CANNOT BE ABSORBED BY THE S.H.

OUTLET NOZZLE BF

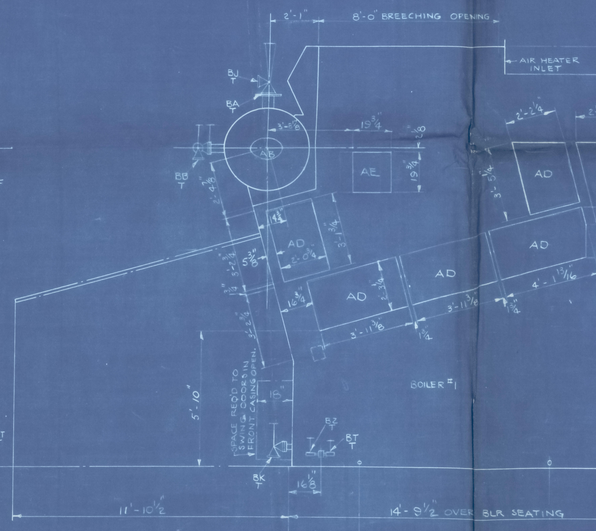
DIRECTION	FORCE	MOMENT
X	±300 lb	
Y	±400 lb	
Z	±500 lb	
KY		± 30,000 ft lb
KZ		± 20,000 ft lb
YZ		± 25,000 lb ft

NOTE:-

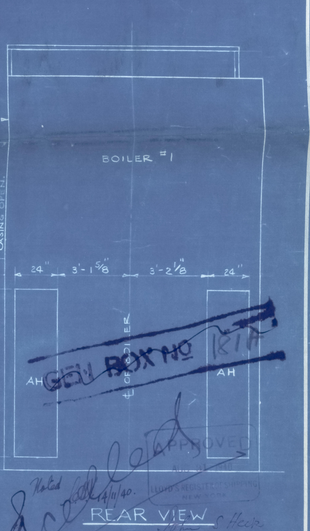
S.H. SAFETY VALVES MOUNTED ON CUSTOMER'S FITTING.
ALL EXTERNAL PIPING & OBSTRUCTIONS MUST BE KEPT CLEAR OF REMOVABLE PANELS & HINGED DOORS AD, AE, AF & AH.

REFERENCE DRAWINGS

SECTIONAL FRONT & SIDE VIEWS	- ML-243402
SECTIONAL PLAN VIEWS AA & BB	- ML-243404
ARR'GT OF SEATING	- ML-243401
AIR HEATER DUCT CONNECTIONS	- ML-243422



S.H. LOOP SIDE VIEW



REAR VIEW

13/42	5 2/3 (9-1¼)	12'-0"	AH	
	2/3 (9-1¼)		OIS	
	1 (4-2)		WWS	

DASH NO.	REVISIONS	DATE	MADE BY	CHK'D BY	PASS'D BY	APPR'D BY

DASH NO.	REVISIONS	DATE	MADE BY	CHK'D BY	PASS'D BY	APPR'D BY

JOBS SUBSEQUENT TO FIRST JOB

JOB NUMBERS	DATE	ADDED BY	CHK'D BY	PASS'D BY	APPR'D BY

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FORM NO. 3347

DRAWN BY	CHECKED BY	PASSED BY	APPR'D BY
H.H.J.	D.E.L.	[illegible]	[illegible]

SCALE 3/8 & 1½ INCHES = ONE FOOT DATE 8-21-40
DO NOT SCALE THIS DRAWING — USE DIMENSIONS ONLY

GENERAL ARRANGEMENT
Bethlehem Hull Nos. 1487/91.

FIRST JOB	WF	A.H.	SH	MB
	1877-80	563-66	4549-52	1521-24

DRAWING NUMBER ML-243403-0 DRAWER 204

"Maclaren Quebec"

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