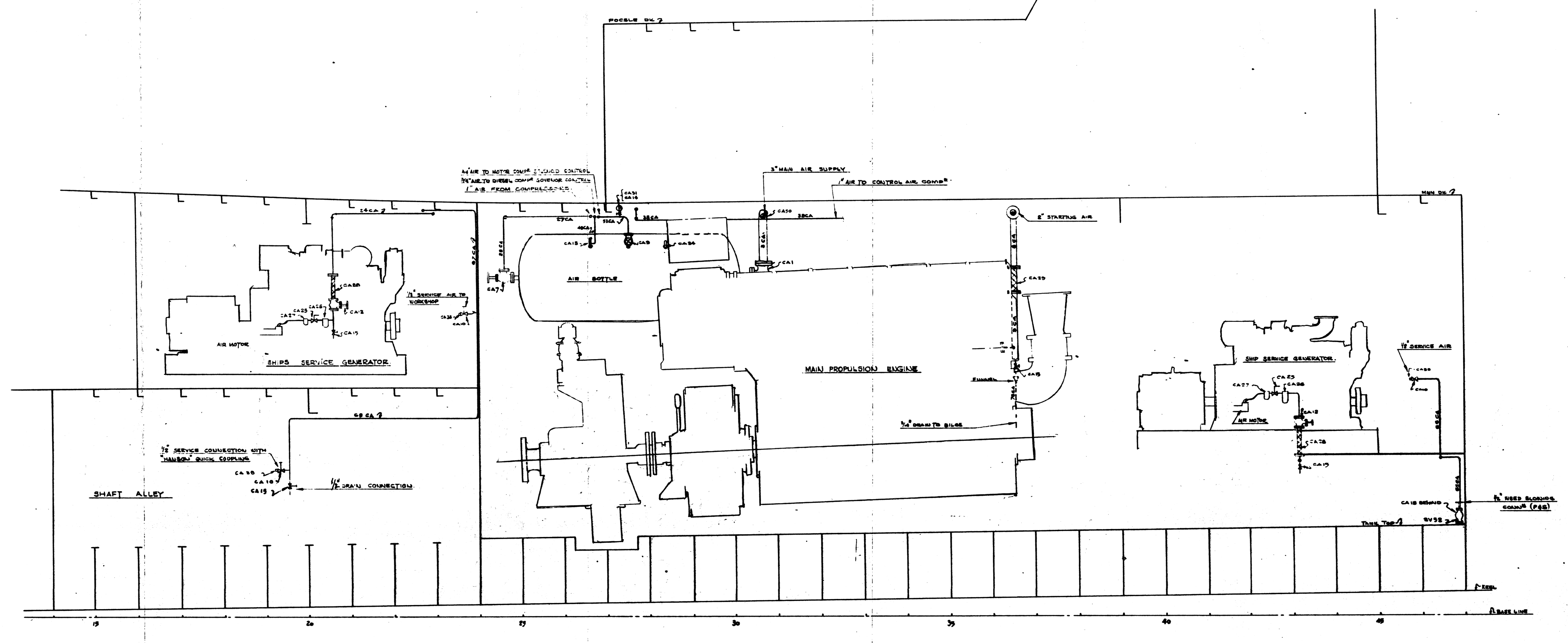
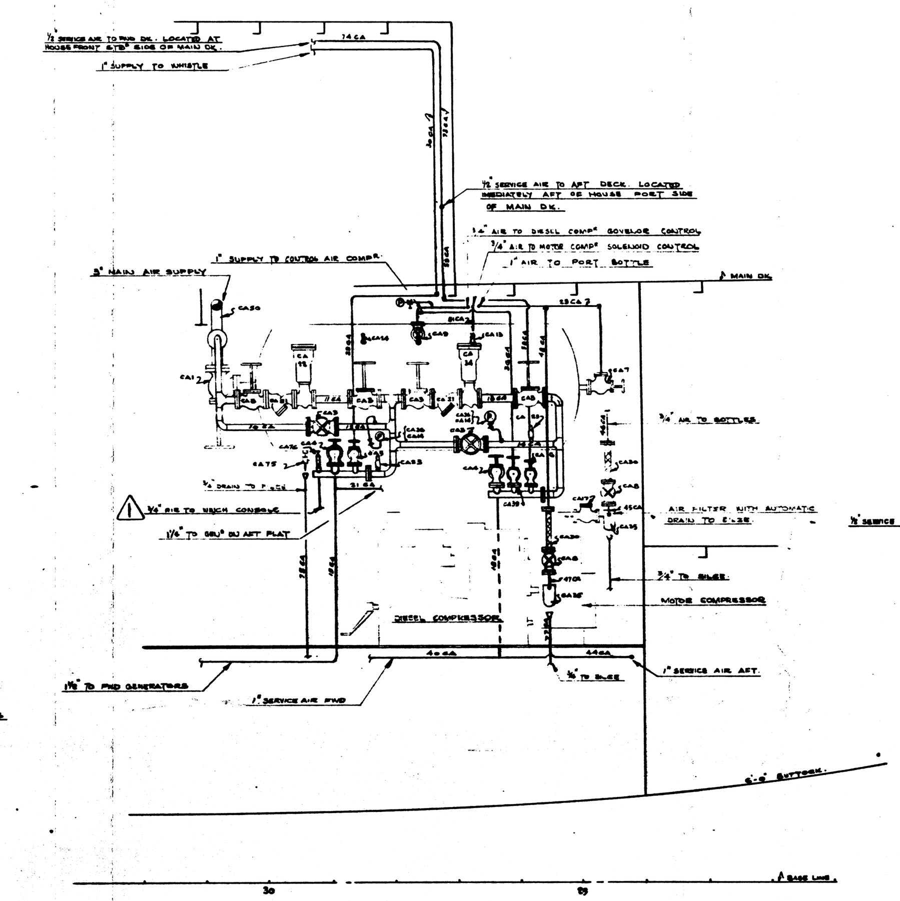
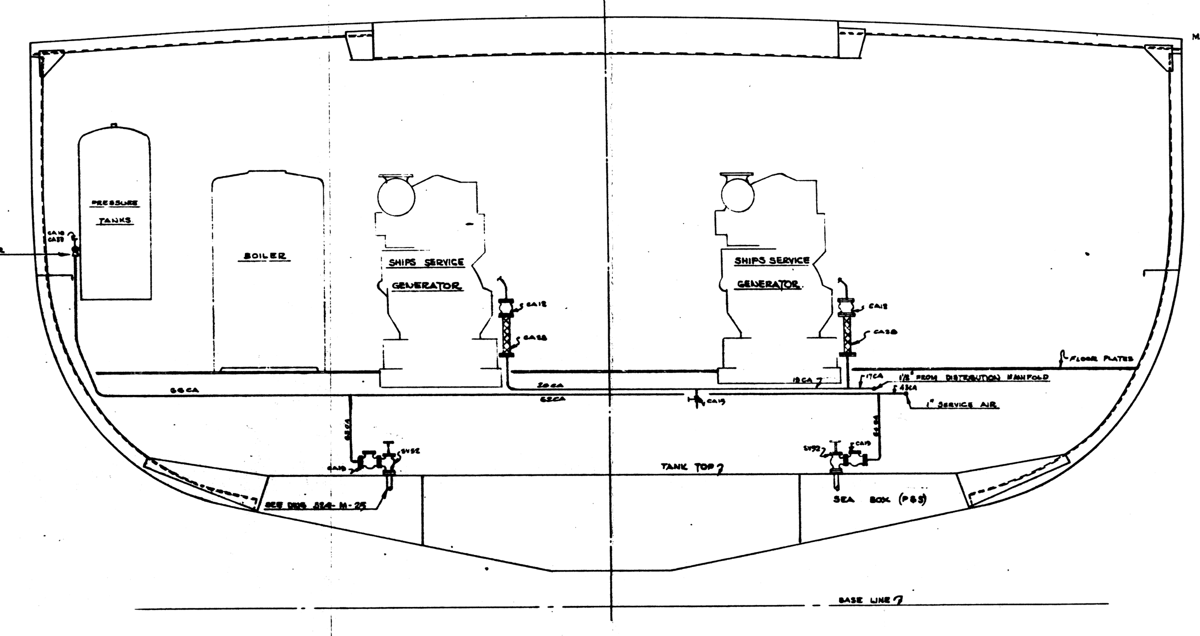


℄ ELEVATION LOOKING TO PORT



ELEVATION 6'-6" OFF ℄ TO STBD LOOKING OUTBOARD

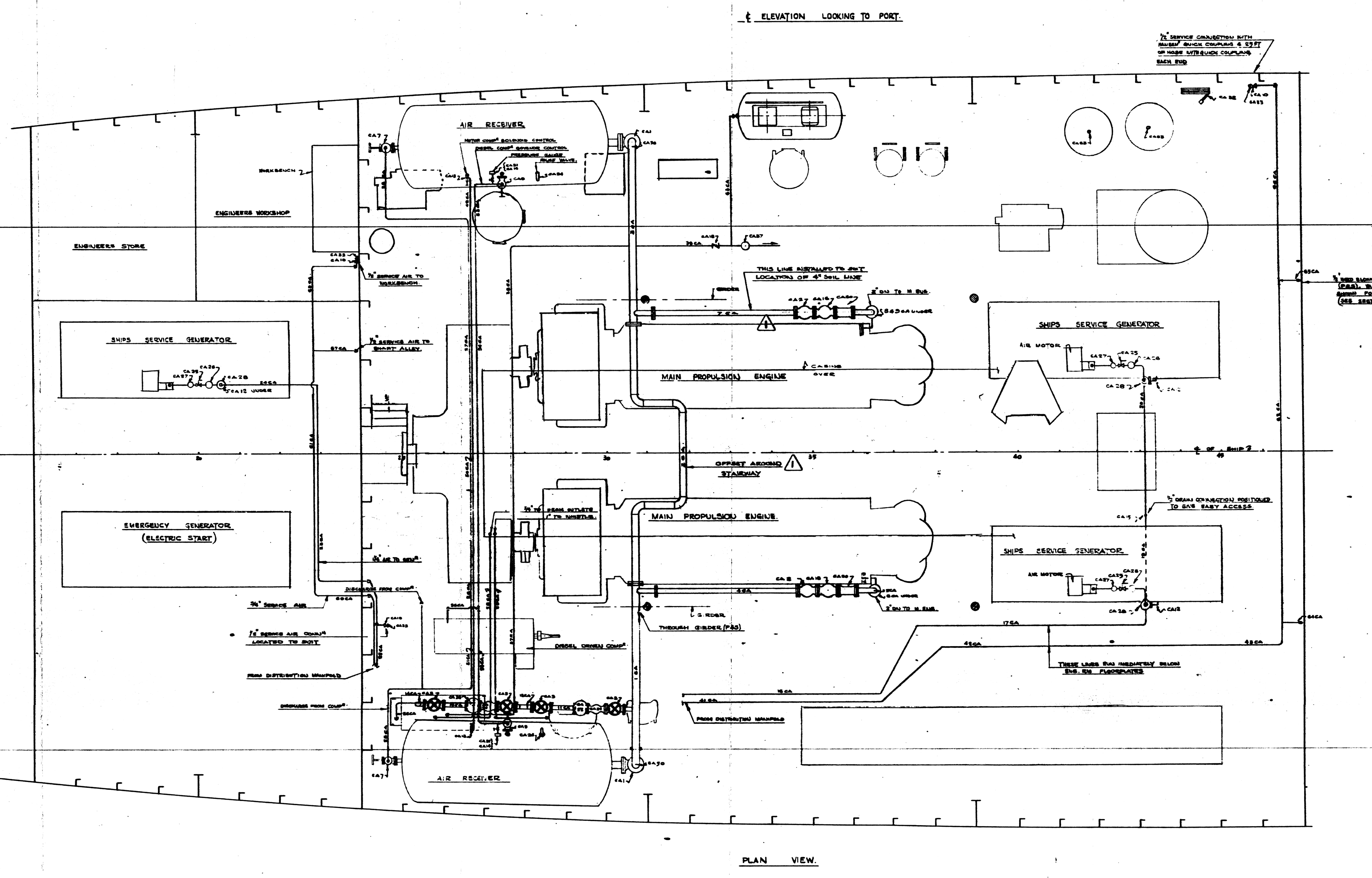


SECTION AT FR 41 LOOKING FWD.

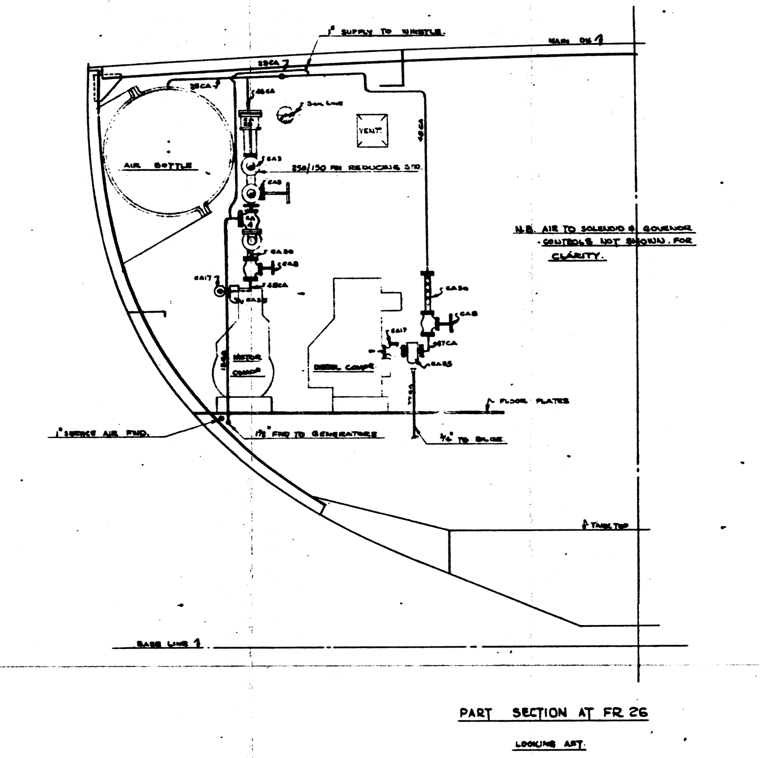
MARK	BORE	SCH	MATERIAL	PURPOSE	REMARKS	P.O. No.
1 - 3 CA	3"	80	SOLID DRAWN SEAMLESS STEEL PIPE.	MAIN AIR RECEIVERS' DISCHARGE	250 PSI	
4 - 9 CA	2"			MAIN PROPULSION ENGINE STARTING AIR	"	
10 - 14 CA	1½"			REDUCING STATIONS	250/150 & 150/100 PSI.	
15 - 17 CA	1½"			FWD GENERATORS STARTING AIR.	150 PSI	
18 CA	1½"			SERVICE AIR	100 PSI	
19 - 20 CA	1¼"			STARTING AIR TO PORT GEN^R F'WD	150 PSI	
21 - 24 CA	1¼"			" " " " " AFT.	"	
25 - 28 CA	1"			AIR TO BOTTLES FROM COMP^RS.	250 PSI	
29 - 33 CA	1"			SUPPLY TO WHISTLE VOLUME CHAMBER	150 PSI	
34 - 35 CA	1½"			" " " VALVE	150 PSI	
36 - 39 CA	1"			SUPPLY TO CONTROL AIR CIRCUIT	100 PSI	
40 - 43 CA	1"			SERVICE AIR ENG RM FWD	"	
44 CA	1"			" " " " AFT	"	
45 - 46 CA	¾"			AIR DELIVERY MOTOR COMP^R.	250 PSI	
47 - 48 CA	¾"			" " DIESEL "	"	
49 - 52 CA	¾"			MOTOR COMP^R SOLENOID CONTROL AIR SUPPLY	"	
53 - 56 CA	¾"			DIESEL " GOVENOR " " "	"	
57 CA	¾"			WHISTLE VALVE TO WHISTLE	150 PSI.	
58 - 59 CA	¾"			SERVICE AIR TO DK CONNECTIONS	100 PSI	
60 - 61 CA	¾"			" " TO SHAFT ALLEY & WORKSHOP	"	
62 CA	¾"			" " " SEA BAY & FWD ENG. ROOM	"	
63 CA	¾"			CONTROL AIR COMPRESSOR DISCHARGE	"	
64 CA	½"			SERVICE AIR TO STB^D SEA BAY	"	
65 CA	½"			PORT " "	"	
66 CA	½"			PRESSURE TANKS	"	
67 - 68 CA	½"			SHAFT ALLEY	"	
69 CA	½"			WORKSHOP	"	
70 - 72 CA	½"			AFT DK CONN^N	"	
73 - 79 CA	½"			FWD " "	".	
74 CA	¾"	40	E.R.W. STEEL PIPE BLACK.	AIR RECEIVER DRAIN TO BILGE (PORT)		
75 CA	¾"			" " " " " (STB^D)		
76 CA	¾"			MOTOR COMP^R DELIVERY FILTER DRAIN TO BILGE		
77 CA	¾"			DIESEL " " " " " "		
78 CA	¾"			MAIN ENG. STARTING LINE DRAIN TO BILGE (PORT)		
79 CA	¾"			" " " " " " " (STB^D)		
80 CA.	½"			WHISTLE VOLUME CHAMBER DRAIN TO SCUPPER.		

MARK	No OFF	SIZE	DESCRIPTION	PURPOSE	MATERIAL	REMARKS	P.O. No.
CA 1	2	3"	S.D.S.L. ANGLE VALVE	AIR RECEIVER DISCH^G	C.S. S.S. TRIM	FLG^D 300# O.S.&Y. B.B.	324-105
2	1	2"	GLOBE	MAIN ENG STARTING AIR		"	"
3	6	1½"	"	REDUCING STATIONS		"	324-330
4	2	1½"	ANGLE	DISTRIBUTION MANIFOLD		150#	324-105
5	1	1"		" "		"	324-113
6	1	¾"		" "		"	324-330
7	2	1"		AIR RECEIVER INLET		300#	SHIPSTORES
8	2	¾"	GLOBE	COMPRESSOR DELIVERY			"
9	2	¾"	ANGLE	DIESEL COMP^R GOVENOR CONTROL		"	324-113
10	6	½"	"	SERVICE AIR OUTLETS		150#	"
11							
12	3	1¼"	S.D.S.L. GLOBE VALVE	SERVICE GENERATORS STARTING AIR	C.S. S.S TRIM	FLG^D 150# O.S.&Y. B.B.	324-105
13	2	¾"	ANGLE VALVE FEM x FEM	MOTOR COMP^R SOLENOID CONTROL	STEEL		SHIPSTORES
14	4	¼"	GLOBE " " "	PRESSURE GUAGE SHUT OFF	"		324-335 324-417
15	5	½"	" " " "	DRAIN VALVES.	"		SHIPSTORES & 324-335
16	2	2"	LIFT CHECK VALVE	MAIN ENGINE STARTING AIR	CAST STEEL	FLG^D 600#	324-113
17	2	¾"		COMPRESSOR DELIVERY.			"
18	1	1"		AIR TO CONTROL AIR CIRCUIT			"
19	2	½"	SWING	WEED BLOWING.	BRONZE	FLG^D 150#	SHIPSTORES
20	2	2"	"Y" STRAINER	MAIN ENG STARTING AIR.	STEEL BODY	FLG^D 300#	324-118
21	2	1½"	" "	REDUCING STATIONS	"	" "	324-119
22	1	1½"	REDUCING VALVE	250/150 PSI	STEEL BODY SS TRIM	" "	324-161
23	2	¾"	RELIEF VALVES	REDUCING STATIONS	BRONZE	1 @ 160 & 1 @ 110 PSI	SHIPSTORES & 324-111
24	2	¾"	" "	MAIN AIR RECEIVERS	"	SET AT 275 PSI	324-111
25	2	1"	QUICK ACTING GATE VALVES	SERVICE GEN^R STARTING AIR.	-	SCR 150#	324-330
26	3	1"	FILTER	" " " "	-	NORGREN 12-002-043	324-328
27	3	1"	LUBRICATOR	" " " "	-	NORGREN 10-006-035	"
28	3	1¼"	18" LONG FLEXIBLE HOSE	" " " "	STEEL		
29	2	2"		MAIN ENG. " "			
30	2	¾"		COMPRESSOR DELIVERY			
31	2	¼" M.P.T.	PRESSURE GAUGE	MAIN AIR RECEIVERS		0-400 PSI RANGE	324-339
32	25 FT	½"	HOSE c/w QUICK DISCONNECTS	PRESSURE TANKS.	RUBBER		SHIPSTORES & 324-337
33	6	½"	QUICK DISCONNECTS (FEMALE)	—	-	SELF-SEALING.	324-337
34	1	1½"	REDUCING VALVE	150/100 PSI.	STEEL BODY		324-279
35	2	1"	FILTER & WATER SEPARATOR	COMPRESSOR DELIVERY	CAST ALUM^N		324-89
36	2	¼" MPT	PRESSURE GAUGE	REDUCING STATIONS	-	0-300 PSI RANGE	SHIPSTORES
37	1	¾"	FILTER & WATER SEPARATOR	CONTROL AIR CIRCUIT	CAST ALUM^N		
38	1	1"	FILTER/SEPARATOR	WHISTLE SUPPLY	METAL BOWL.	PARKER HANNIFIN #F-5100-M	324-417
39	1	1"	S.D.S.L ANGLE VALVE		CAST STEEL SS TRIM	FLG^D 150# O.S.&Y. B.B.	
40	2	½"	S.D.S.L. GLOBE VALVE		ALL BRONZE	SCR 150#	
41	6	3"	SLIP-ON FLANGES 300#		STEEL		C 277
42	16	2"					C 275
43	14	1½"					C 274
44	6	1"					C 272
45	18	¾"					C 271
46	12	1½"	150#				C 254
47	20	1¼"					C 253
48	10	1"					C 252
49	8	¾"					C 251
50	244	3"	90° L.R. ELBOWS.	MAIN AIR DELIVERY		T.T. WELD TYPE STD WT.	P 381
51	8	1½"			FORGED STEEL	SOCKET WELD 2,000#	
52	5	1¼"					
53	24	1"					
54	10	¾"					
55	15	½"					
56	1	2"	STRAIGHT TEE		STEEL	T.T. WELD TYPE STD WT.	
57	7	1½"			FORGED STEEL	SOCKET WELD 2,000#	
58	4	1¼"					
59	5	1"					
60	5	¾"					
61	3	1½"x1¼"	CONCENTRIC REDUCERS				
62	2	1½"x1"					
63	2	1¼"x½"					
64	3	1"x¾"					
65	5	¾"x½"					
66	4	¼"	HALF COUPLING.		STEEL	SCR 300#	D 525
67	2	¾"	" "		"	"	D 531
68	8	¼"MPT x ¼"C	ADAPTOR		BRASS		
69	1	1½"	DAHL GLAND x 3½" LONG.		STEEL		D 566
70	1	1½"			ALUM^N		
71	1	1¼"			STEEL		D 565
72	1	¾"			"		D 563
73	2	½"			"		D 562
74	7	3"x¾"	FUNNEL 6" LONG.		16GA SHT METAL		MAKE
75	2	¾"	S.D.S.L. GLOBE VALVE	AIR RECEIVER DRAINS.	FORGED STEEL	MARSH SERIES 1800	
76	1	¾"	" ANGLE "	AIR TO WINCH CONSOLE	" "	" " "	

LENGTH	BORE	SCH	MATERIAL	PURPOSE	REMARKS	P.O. No.
5'-0"	6"	80	SEAMLESS SOLID DRAWN STEEL.	—	-	STORES
35'-0"	3"					STOCK
50'-0"	2"					
80'-0"	1½"					
70'-0"	1¼"					
265'-0"	1"					
150'-0"	¾"					
140'-0"	½"					
30'-0"	¾"	40	E.R.W. STEEL			STORES
10'-0"	¼" O.D.	TYPE 'K'	COPPER.			C 724.

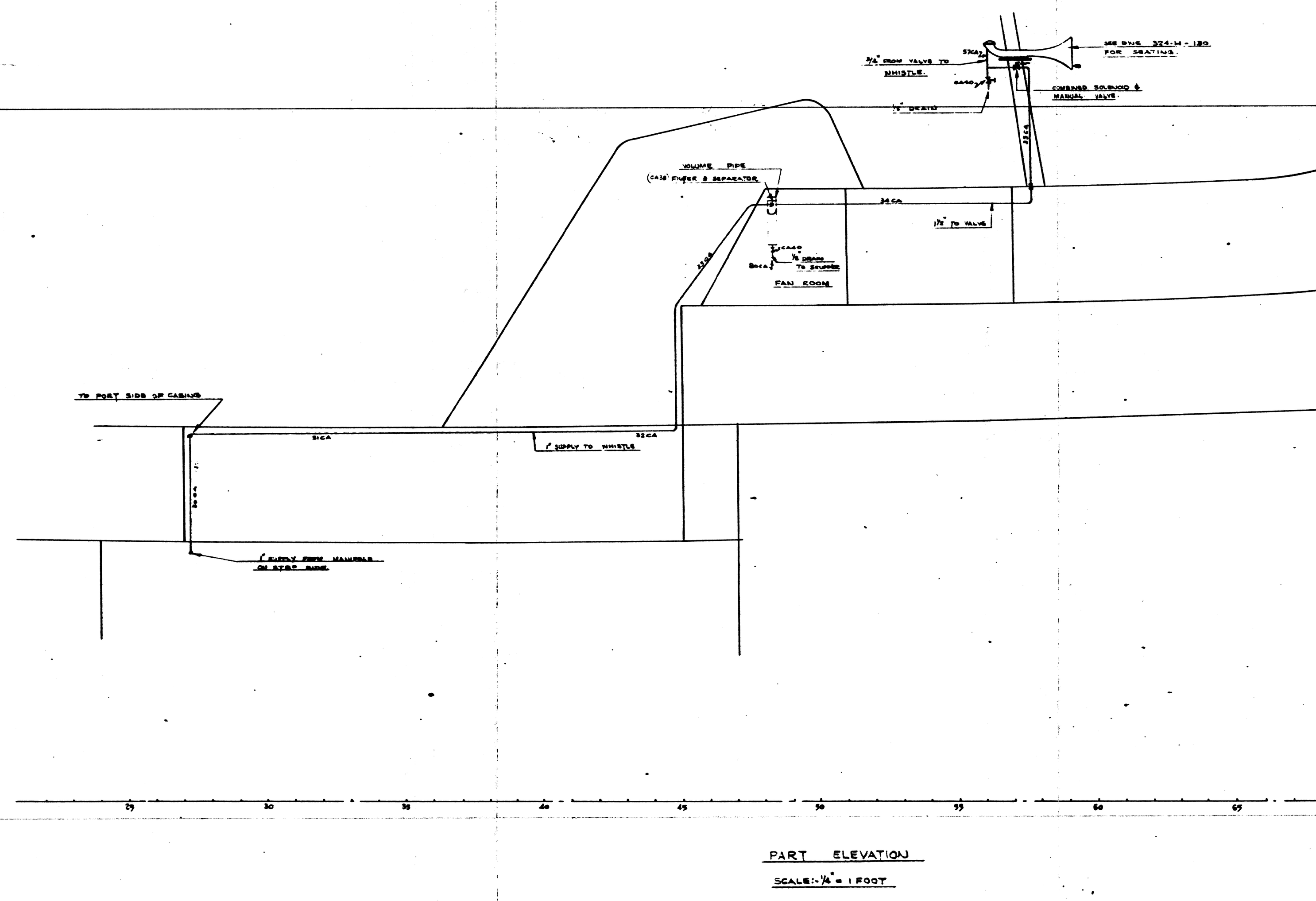


PLAN VIEW



PART SECTION AT FR 26

LOOKING AFT



PART ELEVATION

SCALE: ¼" = 1 FOOT

F.P.C. "TANU"

"AS FITTED"

MARK	REVISIONS		DATE
2	REFER TO DIAG. ARRGT. OF COMP AIR SYSTEM DWG. NO. 324-M-9 FOR 1987 MIDLIFE REFIT MODIFICATIONS.		87-11
1	OFFSET ADDED 8 WAY OF LASHING, SEPARATE STARTING LINES TO M.E. AIR TO WINCH CONSOLE ADDED.		

YARROWS LIMITED, VICTORIA, B.C.

SHIPBUILDERS & ENGINEERS

DRAWN: J.M. HENDERSON

ENGINEERING DRAWING OFFICE

DATE: APRIL 1968

HULL OR JOB No. 324-690

ARRANGEMENT OF COMPRESSED AIR SYSTEM

DRG. No. 324-M-15

SCALE: ½" = 1 FOOT

324-M-15