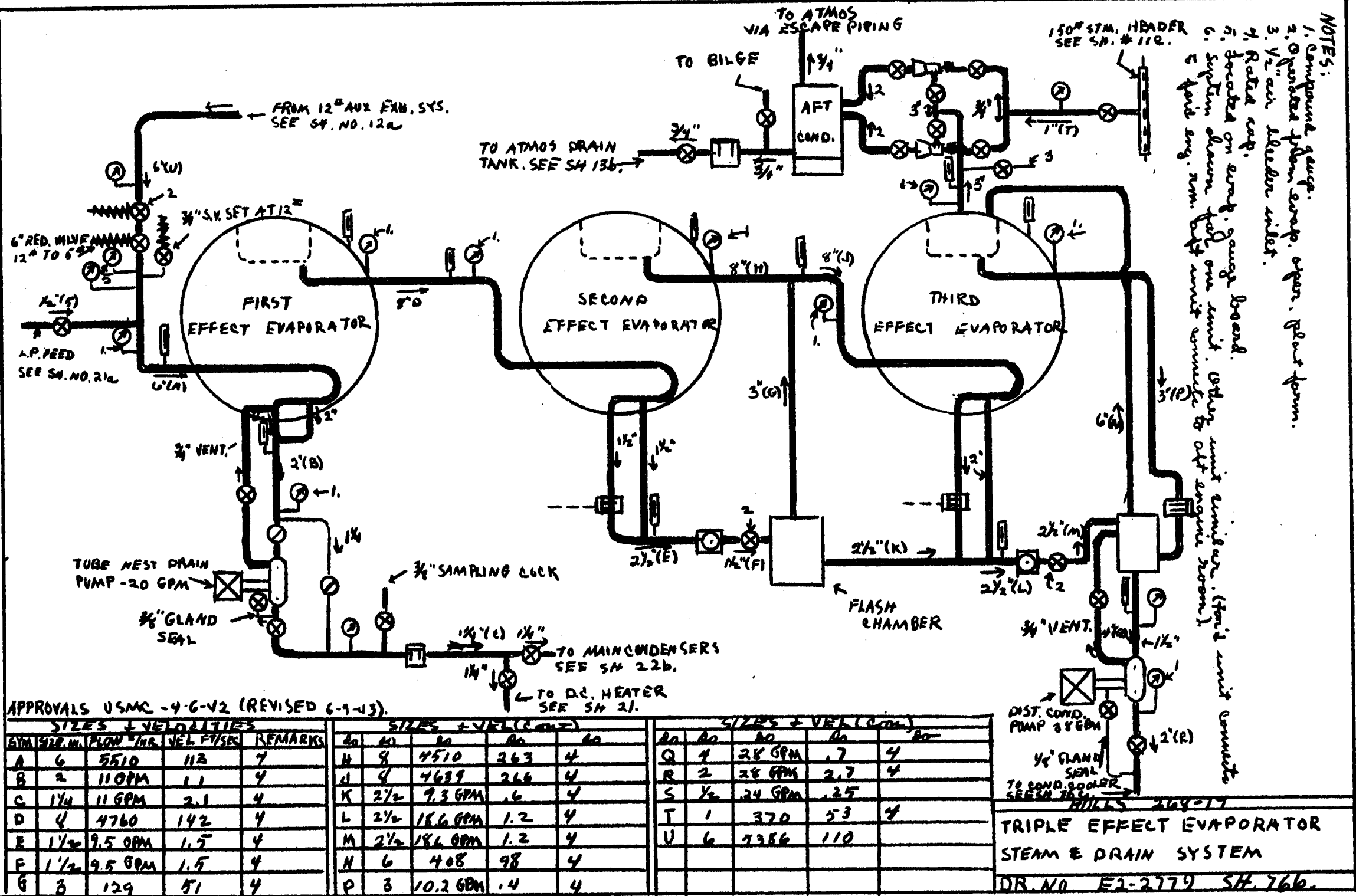
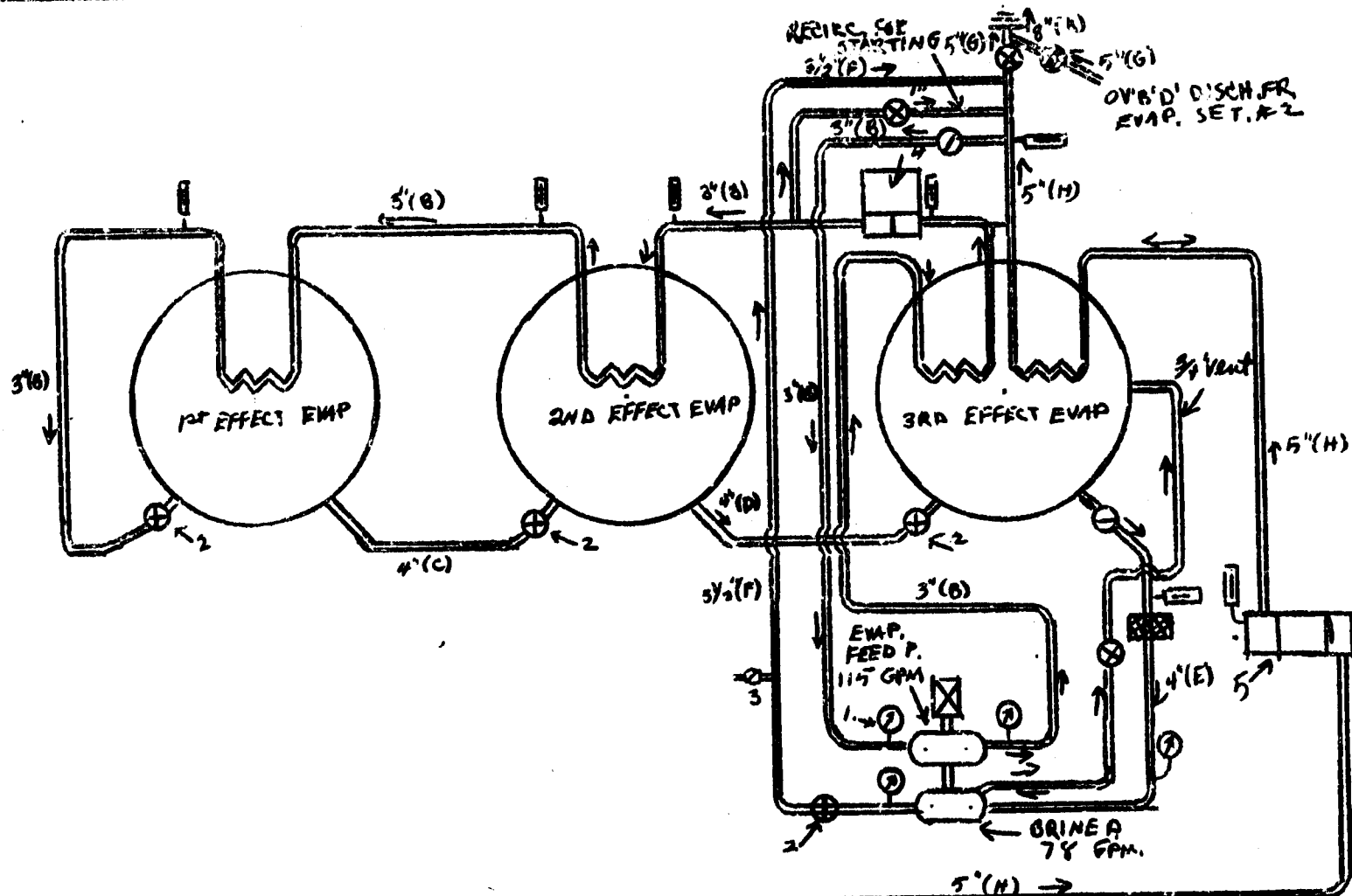


KEY TO PIPING DIAGRAM OF THE LUMMUS CO. TRIPLE EFFECT EVAPORATING PLANT.

1. First effect shell.
2. Second effect shell.
3. Third effect shell.
4. Second effect drainer.
5. Second effect flash chamber.
6. Third effect drainer.
7. Condensate cooler.
8. Air ejector aftercondenser.
9. Air ejector.
10. Third effect flash chamber.
11. Evaporator feed pump.
12. Distiller condensate pump.
13. Distiller condensate pump.
14. Distilled water distributing pump.
15. First effect tube nest drain pump.
16. To fresh water filling system.
17. Distiller test tank (2 compartments).
18. Inlet steam pressure reducing valve.
19. Reducing valve control - see Mason Neilan Instruction Book.
20. Air bleed inlet.
21. Relief valve.
22. Sampling cock.
23. Salinity cell.
24. Cross connection to second unit.
25. Stop check valve.
26. Two-way cock.
27. Strainer.
28. Gland seal.
29. Vent.
30. Distilled water meter.
31. To I.B. distilled water tanks.

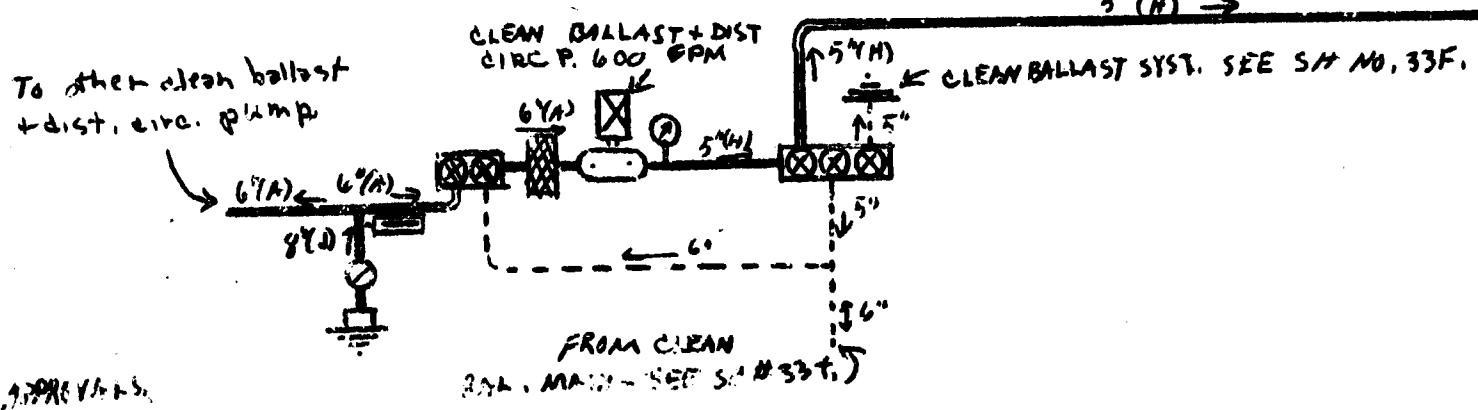




SIZES AND VELOCITIES				
SYMBOL	SIZE IN	FLOW GPM	VEL FT/SEC	Remarks
A	6	600	5.9	
B	3	42	3.1	
C	4	72	1.8	
D	4	64	1.6	
E	4	55	1.4	
F	3 1/2	75	2.2	
G	5	561	8.0	
H	5	600	8.4	
I				
J	8	1176	6.8	
K	8	1122	6.5	

- LEGEND:-
1. Compound gauge 30" - 30".
 2. To be operated from any eng. room floor.
 3. 3/8" sampling cock.
 4. Air exister condenser.
 5. Condensate cooler.
- REFERENCE DIAGRAMS
Clean ballast sys - SH 33F.

NOTE
System shown is for one evap plant. Other system is similar.



HOLLS 268-77
TRIPLE EFFECT
SALT WATER EVAPORATOR
SALT WATER SYSTEM.

APPROVED
USMC - 4-6-42
7-4-42

1ST EFFECT
EVAPORATOR

AUX. EXHAUST
STEAM P=15#

EVAPORATOR FLAT

LEGEND: -

1. Steam control valve.
2. Relay Valve.
3. Compensating tube.
4. Bellows control.
5. Floating lever.
6. Orifice.
7. Air supply gauge - integral.
8. Air loading gauge - integral.
9. Leak-off nozzle.
10. Combined reducing + relief valve set at 25 #.
11. Fine mesh strainer.

NOTE:

System shown is for
one evaporator plant.
Arrangement for other
plant is similar.

AIR SUPPLY HEADER
P=125#

4" OD
P=25#

EVAPORATOR GAUGE BOARD

HOLLS 264-77

STEAM CONTROL SYST.
FOR
TRIPLE EFFECT
EVAPORATORS.

DR NO. FL-2779 SH 76C

AUX. ENG. RM. FLOOR.

1 Located On Evaporator
Contr. Board

Legend:-

- 1. - Salinity Indicator
- 2. - Salinity Cell
- 3. - 6" Alarm Bell

Note

System Shown For One Evaporator Only
Other Evaporator Similar

Reference Drawings

Triple Effect Evap Steam + Drain

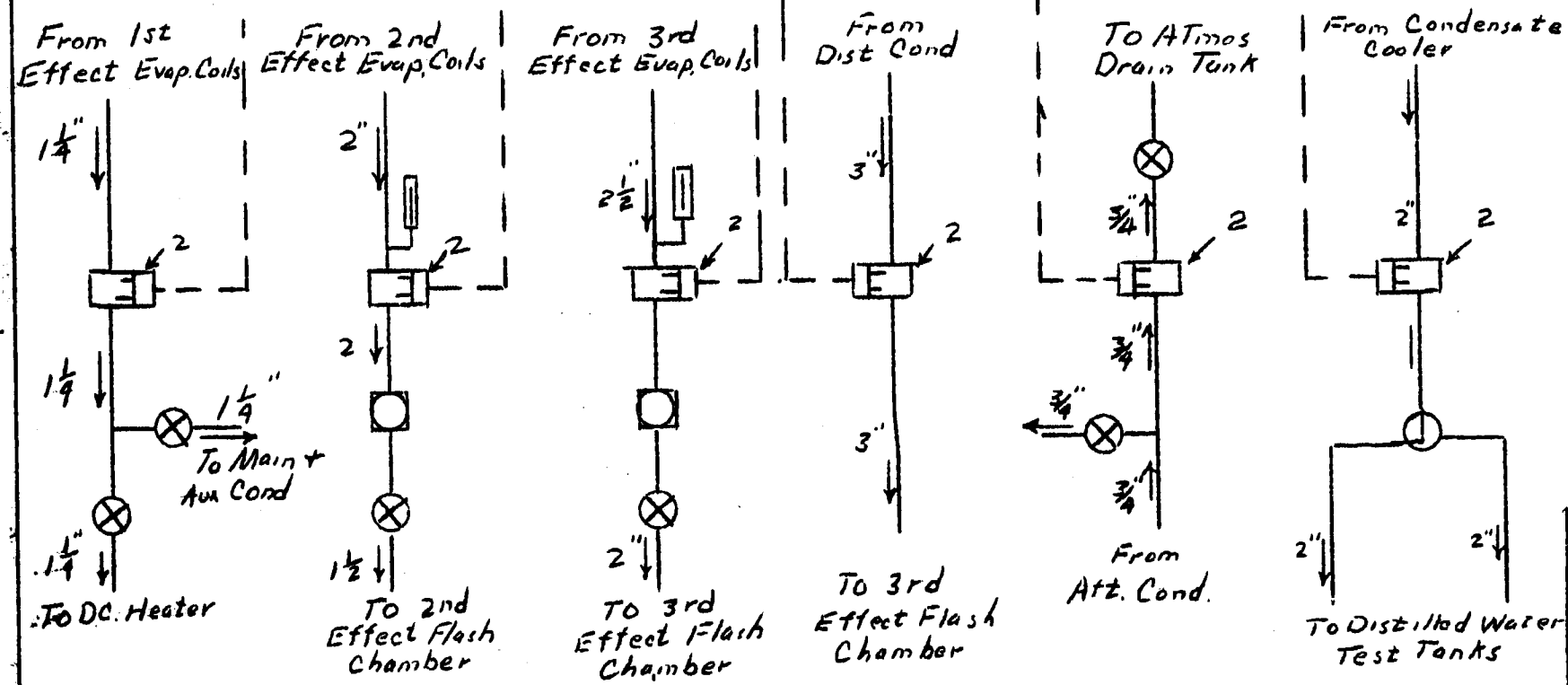
Syst - E2-2779 Sh 76b

Triple Effect Salt Water Evap. Distilled

Water syst - E2-2779 Sh 76c

Salinity Indicator Syst - Feed system

E2-2779 Sh 24d



Hulls 268-77

Salinity Indicator Syst.

Evaporator

Dr No E2-2779 Sh 76d

CONTAMINATED EVAPORATOR SYSTEM

AND

BOILER BLOW EVAP SYSTEM

References:

Drawings: Federal Shipbuilding and Drydock Company (enclosed).

- (1) Auxiliary Steam 150# Dwg No. E-2-2779 sh 11d.
- (2) Contaminated Steam 50# Dwg No. E-2-2779 sh 14a
- (3) Contaminated Steam 50# Dwg No. E-2-2779 sh 14b.
- (4) Contaminated Steam 50# F.O. Tk Heating Fwd Dwg E-2-2779 sh 14c.
- (5) Contaminated Steam 50# Tk Hting Aft Dwg No. E-2-2779-sh 14d.
- (6) Contaminated Steam Drains Dwg No. E-2-2779 sh 14e.
- (7) Contaminated Steam Drains F.O. Tank Returns Fwd Dwg No. E-2-2779 sh 14f.
- (8) Contaminated Steam Drains F.O. Tank Returns Aft Dwg No. E-2-2779 sh 14g.
- (9) Contaminated Water Evaporator System Dwg No. E-2-2779 sh 75a.
- (10) Contaminated Water Evap Feed Control System Air Operated Dwg E-2-2779 sh 75b
- (11) Boiler Evap Feed Control System Air Operated Dwg No. E-2-2779 sh 74b.

Booklet:

- (1) The Lummus Co. Instruction Booklet on "Heat Transfer Equipment".

General Description:

The construction of the contaminated water evaporator and the make-up feed evaporator is shown in the Lummus Company's Instruction Book on Heat Transfer Equipment.

The evaporator shells are welded steel with rolled steel hinged doors on which are mounted the copper heating coils.

In the top of the shells are the vapor separators which remove entrained moisture from the vapor produced by the evaporators. The moisture which is removed is returned to the bottom of the shells through down pipes.

The heating coils are attached to the cast bronze steam manifolds by heavy brass unions. The manifolds are bolted to the inside of the hinged door.

This type of construction permits the heating coil assembly to be swung outside of the shell for inspection, cleaning, or replacement of a coil.

Operation:

- (1) To start up the evaporators first open the vapor outlet line to the contaminated steam system or the D. C. heater.
- (2) Open air cock in pressure gage line to vent air from the shell.
- (3) Close blowdown line.
- (4) Open feed line to shell. The liquid level controller will maintain the water level in the shell at the center line of the float control connection, if the controller is adjusted properly.
- (5) Open steam supply line to coils.
- (6) Open coil drain line. The trap in the line will allow only condensate to pass. The vent in the trap should be open while starting up and as often as necessary during operation to keep coils free of air. The vent may be cracked to vent air and a small amount of steam continuously.
- (7) When vapor is being produced in the shell and issues from the air cock in the gage line, then air has been thoroughly vented from the shell and the air cock can be closed.
- (8) When the evaporator begins to produce vapor, the blowdown line from

the bottom of the shell should be opened. This is necessary to remove dissolved solids from the shell which remain in the shell when the feed water is evaporated. The correct amount of blowdown depends upon the amount of solids in the feed water. If not enough water is blown down, the amount of solids in the shell will increase until foaming occurs and the vapor produced is contaminated by moisture carried over.

The evaporator can be blown down continuously or at regular intervals. The simplest system is to leave the blow down valve cracked until the evaporator begins to foam and produce impure product, then slowly open blowdown valve until the product is pure again. The valve can be left at this setting until some operating condition is changed when it will be necessary to reset the blowdown valve.

The only disadvantage in blowing down too much water is that steam is wasted due to the excess hot water being discharged.

Either evaporator is suitable for operation with sea water feed, the only difference in operation being that more water must be blown down to prevent carry over in the vapor.

The correct amount of blowdown can be determined easily when evaporating salt water.

Take a sample of the shell water from the salinometer cock and measure the salinity of the sample with a float salinometer. The salinity should be maintained at about 2/32 by regulating amount of blowdown.

(9) Before securing the evaporator after a long period of operation it is advisable to crack scale from the coils.

While steam is still being supplied to the coils, shut off feed and blow down shell completely.

Then close drain valve and open feed valve to fill the shell to top of coils with cold water quickly. The rapid cooling of the coils will crack off some of the scale on the coils. The scale will fall to the bottom of the shell and should be flushed out with feed water.

If this method of cracking scale is used, it will not be necessary to open the door so often for hand scaling.

(10) When the evaporator is secured, the shell should be filled with water to the operating level.

Each contaminated water evaporator is designed to produce 1,500 lbs. per hour of vapor at 50 lbs. gage when supplied with steam at 140 lbs. gage.

Each make-up feed evaporator is designed to produce 1,500 lbs. per hour of vapor at 15 lbs. gage when supplied with steam at 60 lbs. gage.

Maintenance:

Maintenance of the evaporator will consist mainly of cleaning the coils.

When the evaporator will no longer make enough vapor to supply the ship's requirements it will be necessary to open the door and clean the heating coils.

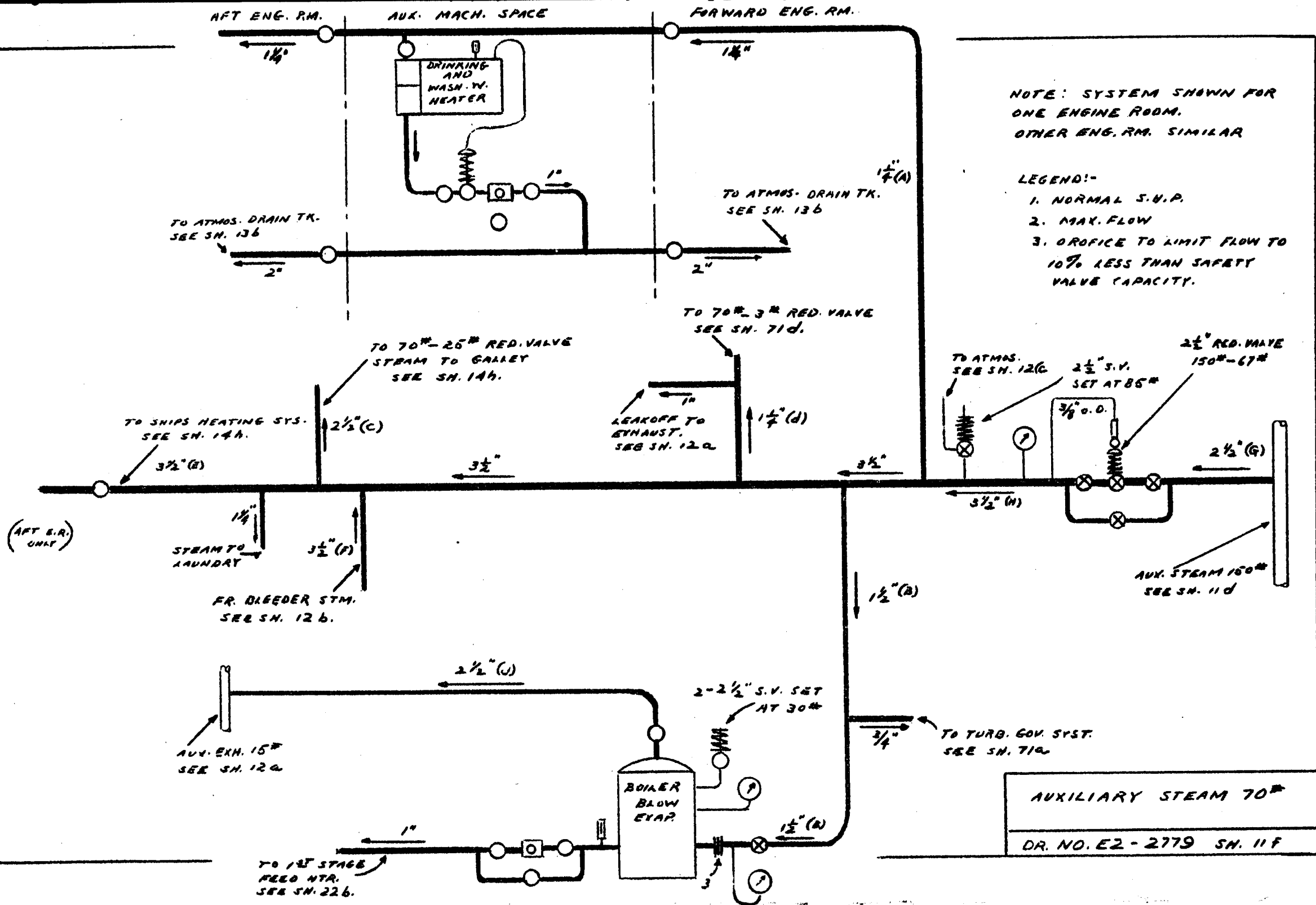
The cleaning should be done soon after the unit has been in operation so that the scale will be as soft as possible.

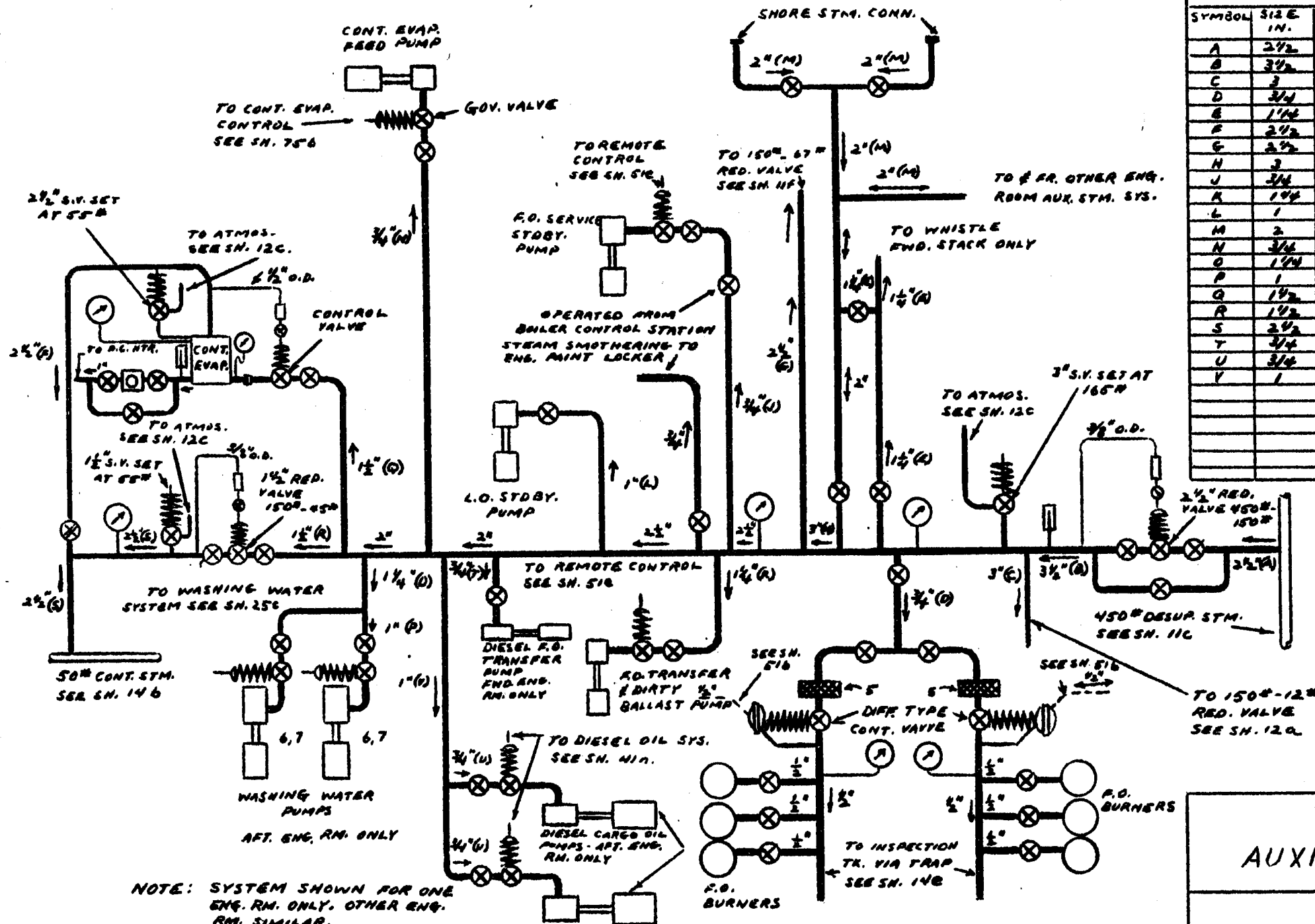
It is recommended that the soft copper coils be cleaned with a block of wood between the hammer and the coil to prevent damage to the copper.

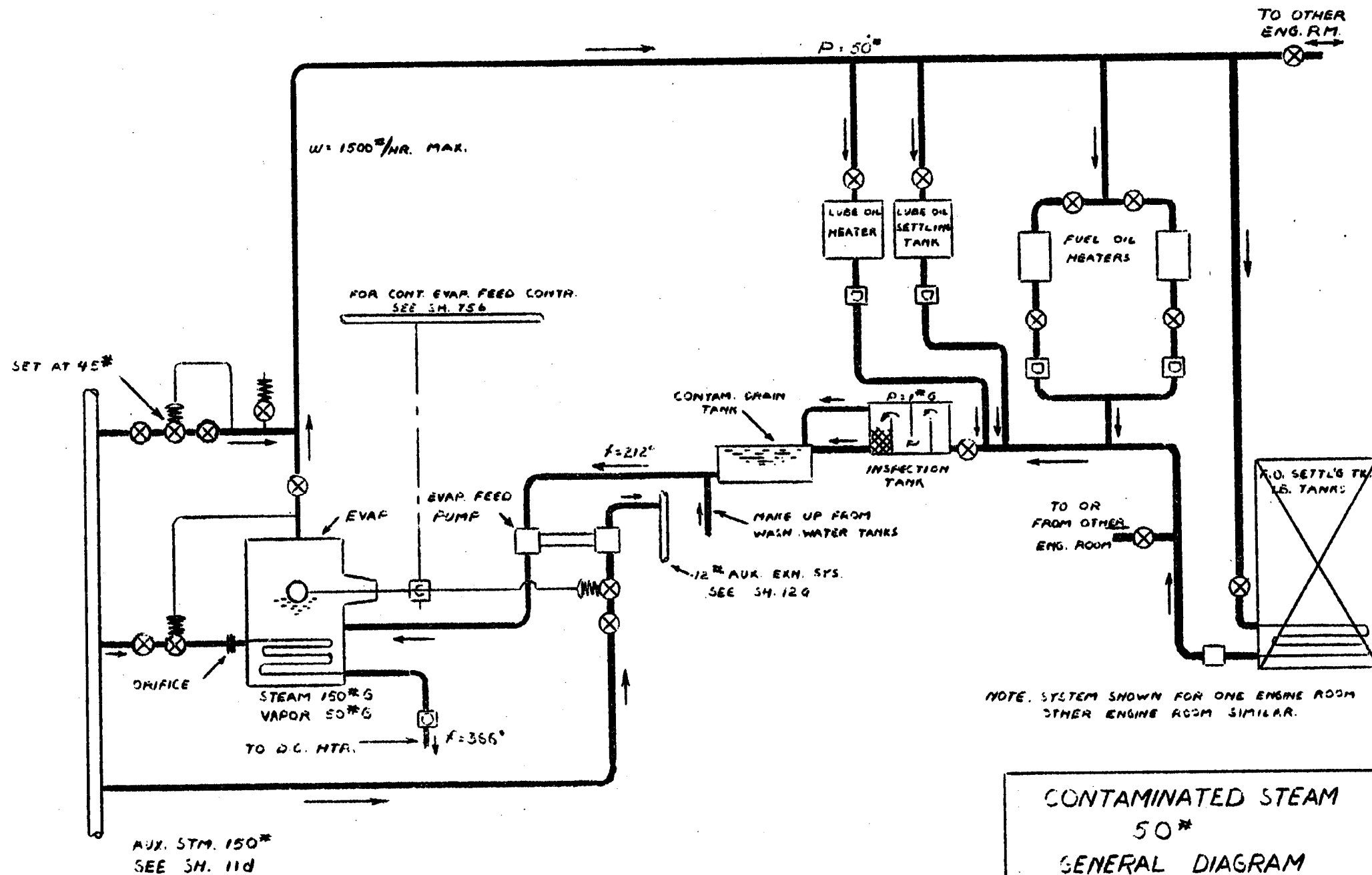
Three jack screws are provided in each door to assist in breaking the door to shell joint.

Spare Parts:

2 coils per evaporator. One safety valve spring.



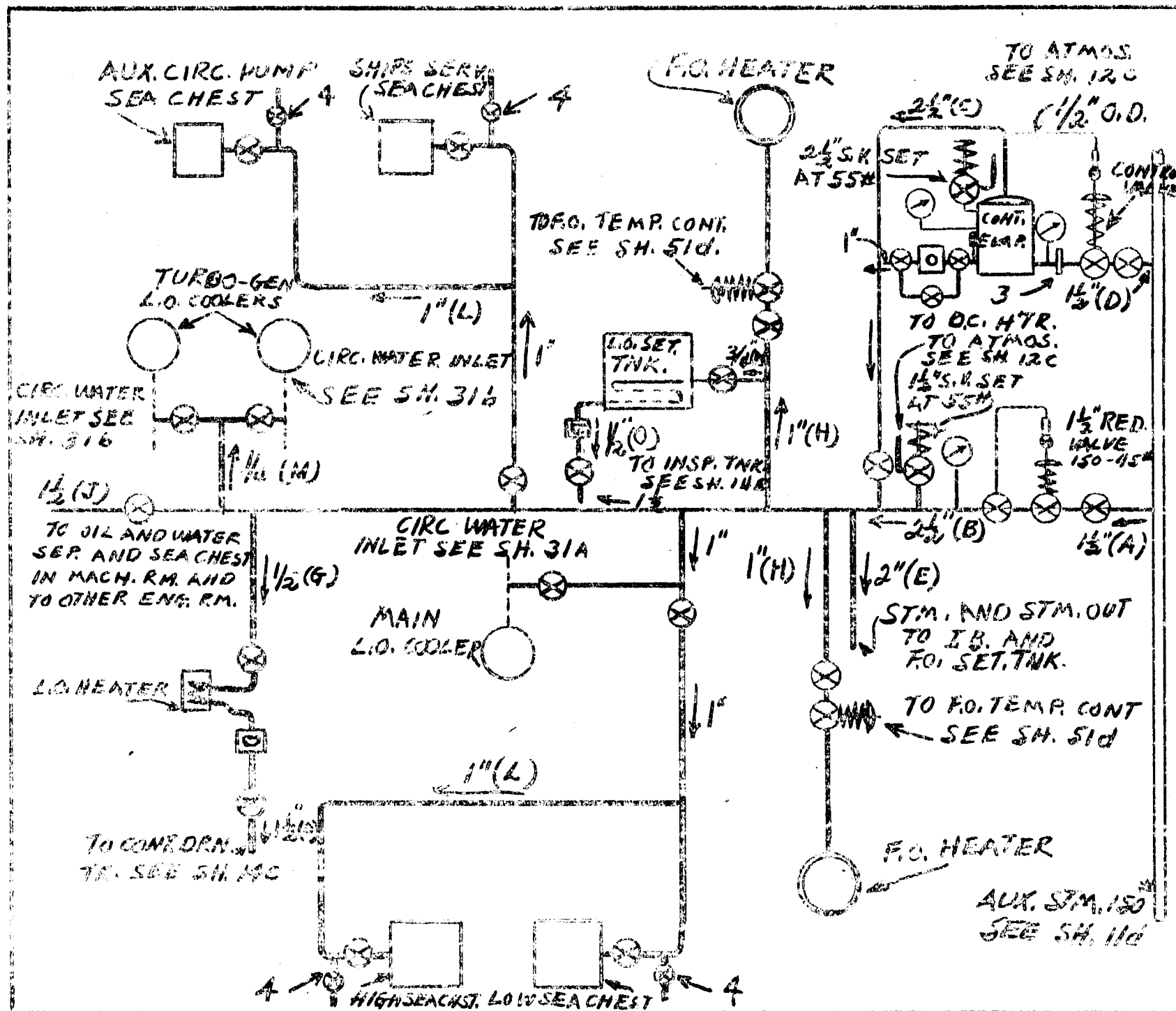
[illegible]



CONTAMINATED STEAM
50*

GENERAL DIAGRAM

DR. NO. E2-2779 SH. 142



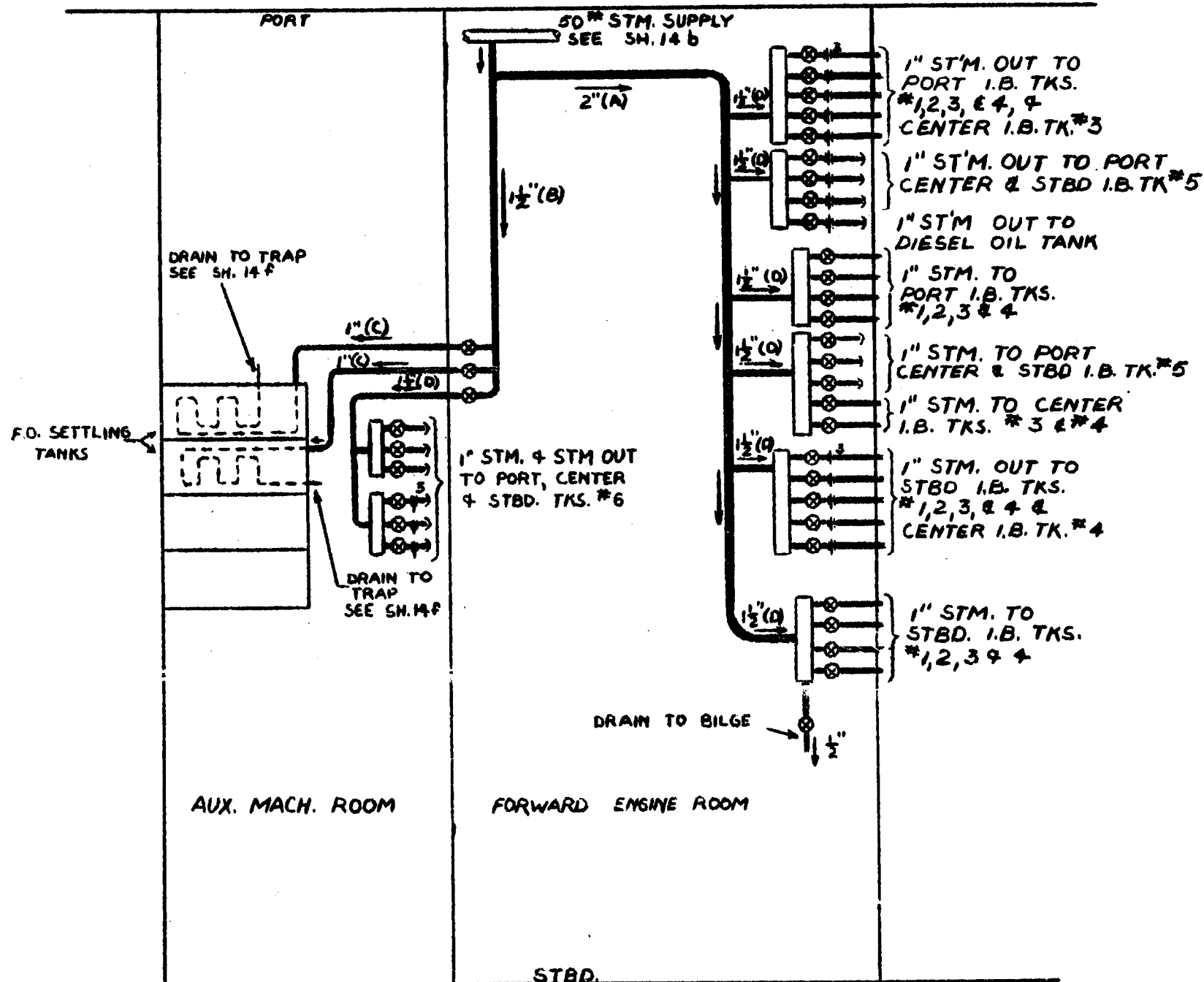
SPEC.	SIZE IN.	FLOW #/HR.	VEL. FT./SEC.	REMARKS
A	1/2	1600	108	2
B	2 1/2	1600	95	2
C	2 1/2	1500 863	84 24	2 1
D	1 1/2	1830 585	123 33	2 1
E	2	1680 125	98 10	2 1
F	1 1/2	600 338	78 24	2 1
G	1/2	100	88	2
H	1	200 165	64 51	2 1
I				
J	1 1/2	300	39	2
K	1/2	350	260	2
L	1	200	62	2
M	1/4	120	307	2
N	3/4	100	51	2
O	1/2	206PM	22	2

NOTE. SYSTEM SHOWN FOR ONE ENGINE ROOM- OTHER ENGINE ROOM SIMILAR

LEGEND
 1. NORMAL SHP.
 2. MAXIMUM FLOW
 3. ORifice TO PERMIT FLOW TO N°% LESS THAN CAP OF SAFETY VALVE.
 4. 3/8" TEST COCKS.

CONTAMINATED
STEAM

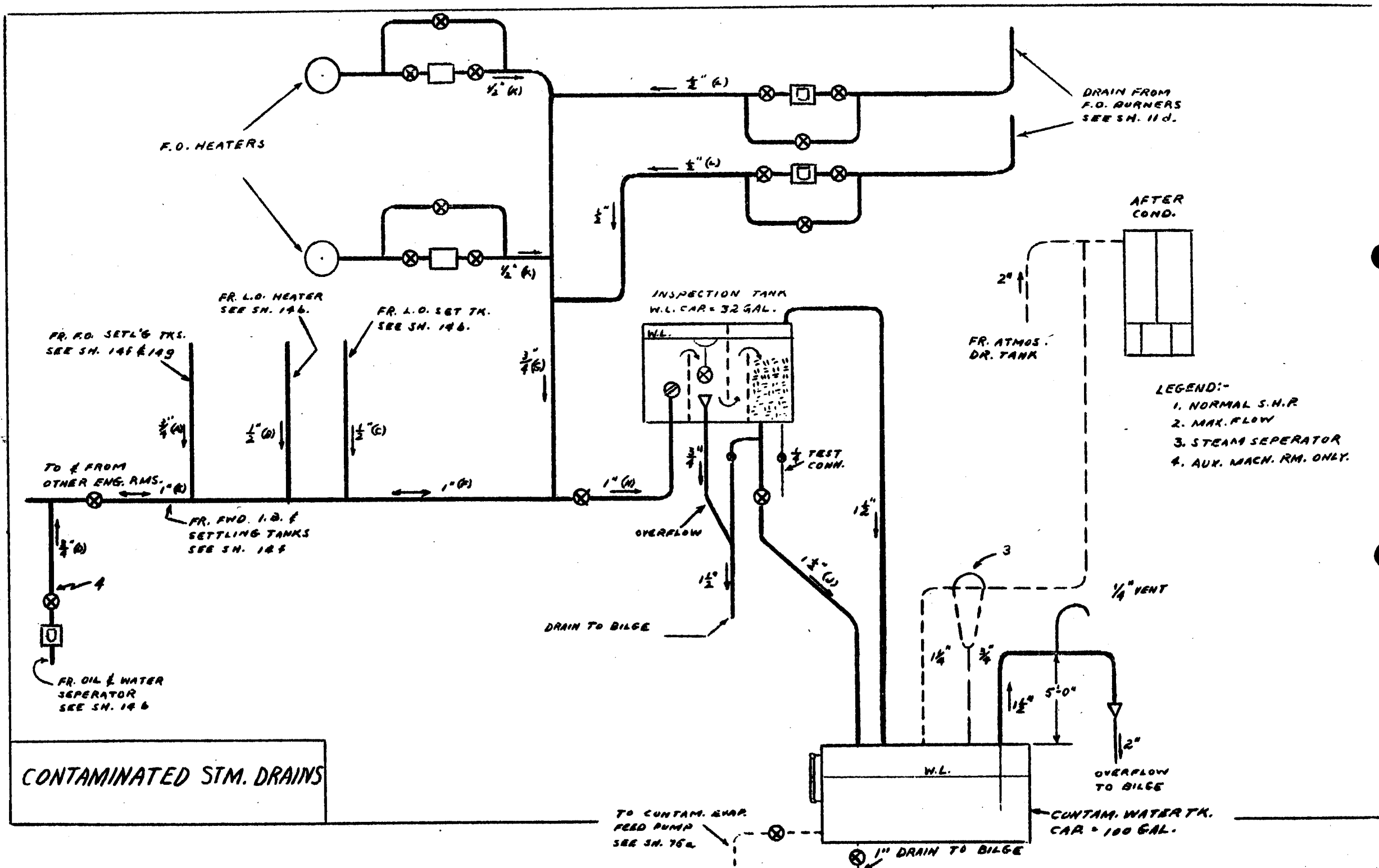
DR. NO. E2-2799 SH. 146

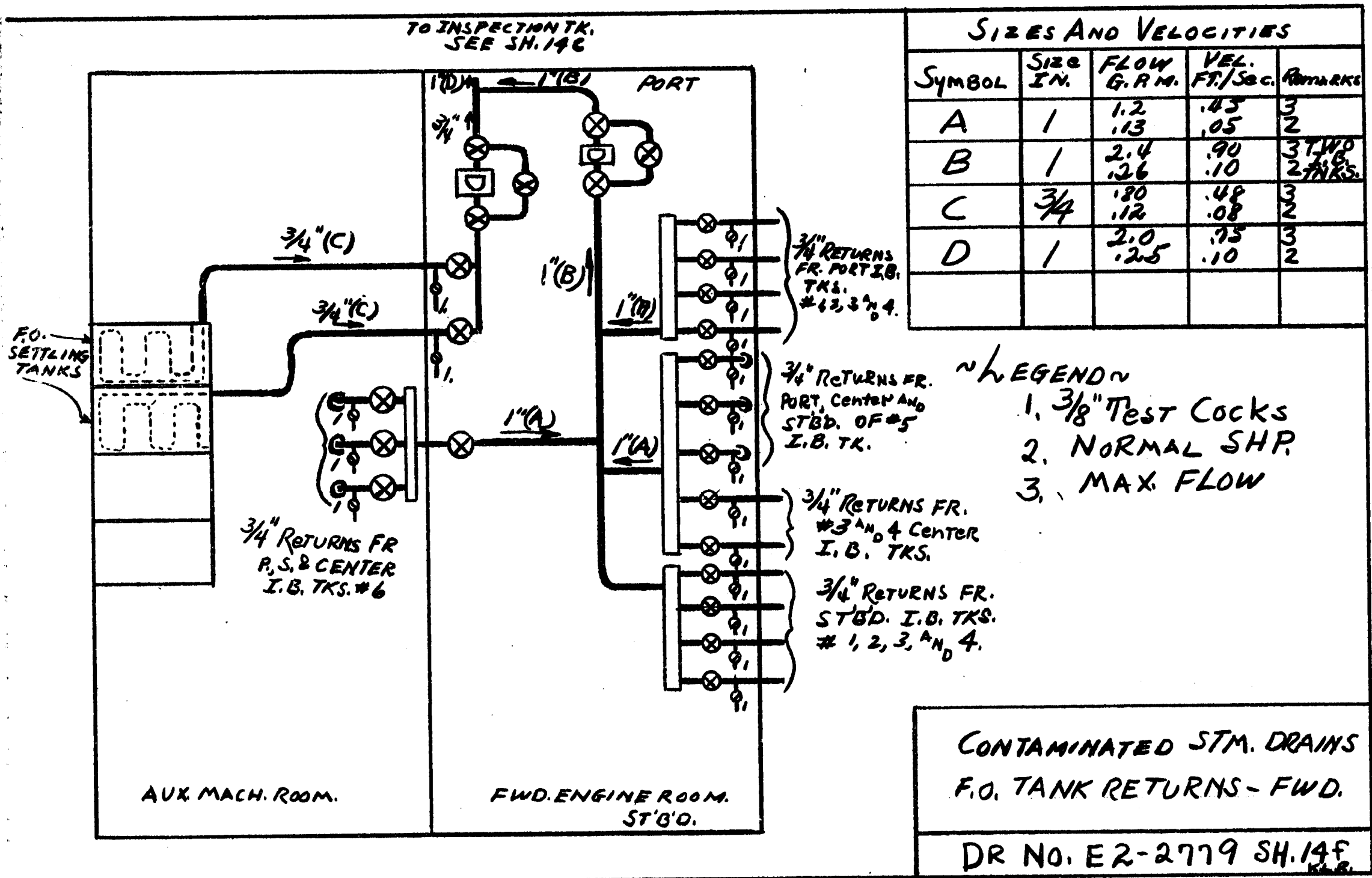


LEGEND.
1. NORMAL SHP
2. MAX. FLOW
3. SPECTACLE FLANGE

NOTES:
HEATING COILS MADE OF 1 1/2" SCHED. 80 SEAMLESS STEEL TUBING.-
SETTLING TANK COILS.
1 SQ. FT. HEATING SURFACE FOR EACH 30 CU. FT. TANK CAPACITY.

CONTAMINATED STEAM 50
F.O. TANK HEATING FORD
DR. NO. E2-2779 SH. 14c





$\frac{3}{4}$ " RET. FR. PORT
 CENTER & STBD.
 OF #4 DR. TK. &
 RET. FR. #5 DATA.

$\frac{3}{4}$ " RET. FR.
 PORT, CENTER
 & STBD OF #8
 I.B. TKS. &
 RET. FR. #9
 I.B. TK.

$\frac{3}{4}$ " RET. FR. #6
 DATA.

STBD. SHAFY
ALLEY

$\frac{3}{4}$ " RETURNS FR. PORT, CENTER
 I.B. TKS. #7

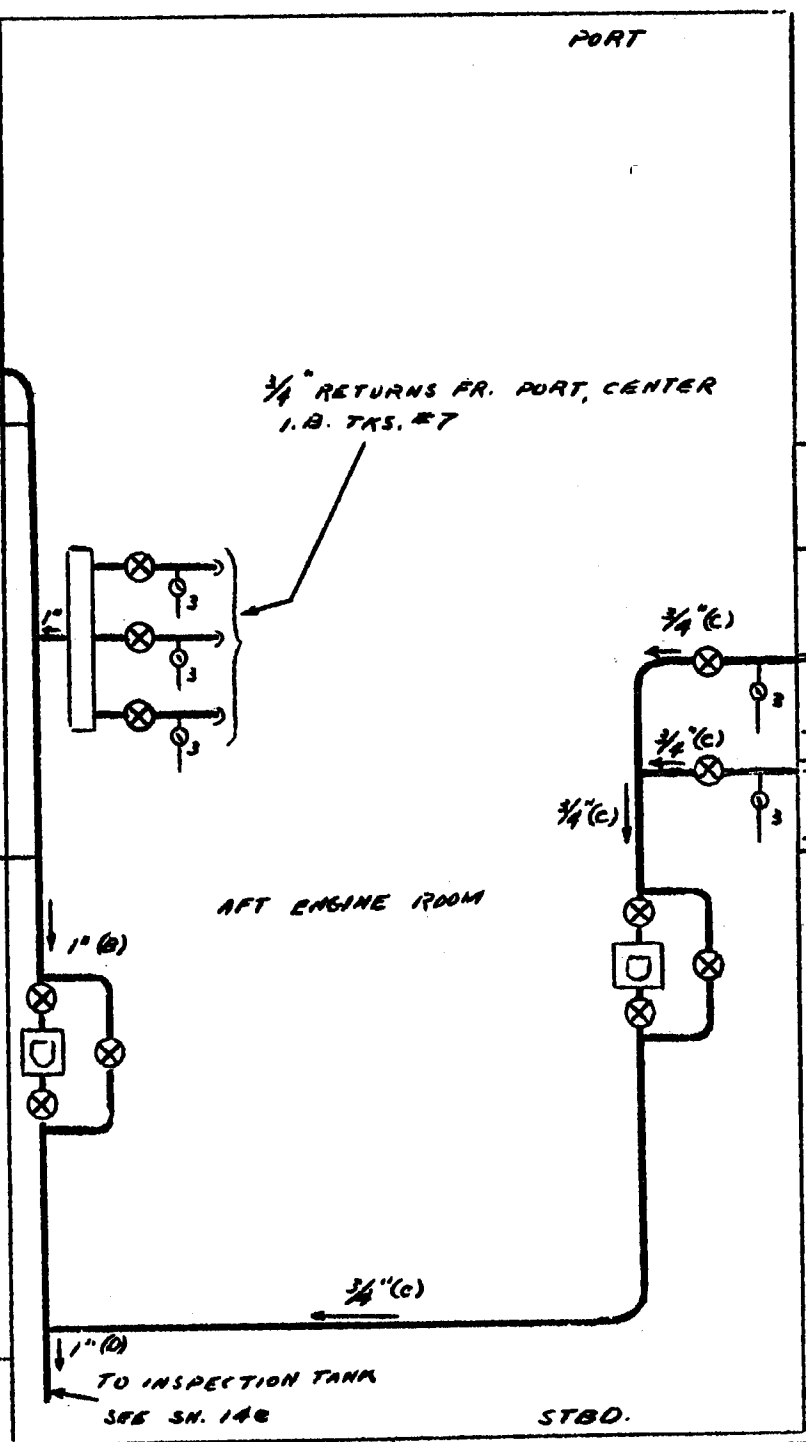
AFT ENGINE ROOM

LEGEND:-
 1. NORMAL SHP
 2. MAX. FLOW
 3. $\frac{3}{8}$ " TEST COCKS

F.O. SETTLING TANKS

CONTAMINATED STM. DRAINS
 F.O. TANK RETURNS - AFT

DR. NO. E2-2779 SH. 149-



SK. 26977 - 18010 - 1 WIRE ROPE & W.R. SOCKETS

WIRE ROPE (for one ship)

Item No.	USED FOR	No. of Pcs Req.	length of piece	SIZE	MATERIAL	Plain or Gal	TYPE	CATALOG PAGE NO.
4	10 Ton Vang Pendants	1	610'0"	7/8" D	Improved pl. st	Galv	6x19	18
5	10 Ton Topp. Lift. Tackle & whips	1	8300'0"	3/4"	"	Galv.	"	18
6	Stack Guys	1	700'0"	1"	Std CCS	Galv	"	59
8	Shrouds	1	550'0"	2"	ImpPlStl	"	"	18
9	Forestay	1	160'0"	1 1/4"	Std CCS	"	"	59
10	Topmast Forestay & side stays	1	240'0"	3/4"	"	"	"	59
12	Wireless Downhaul	1	300'0"	1/2"	"	"	"	59
13	Sounding Boom Pendant	1	25'0"	7/16"	"	"	"	59
A14	Telescopic Topmast (Hulls 26871 only)	1	330'0"	5/8"	Flow Stl	"	"	17
15	Paravane Preventers	1	220'0"	1"	"	"	"	17
16	Boat Boom Ladders	1	280'0"	9/16"	Std CCS	"	6 x 12	61
17	Boat Boom Pendants	1	115'0"	5/8"	ImpPlStl	"	6 x 19	18
18	Boat Boom Pendants	1	85'0"	3/4"	"	"	"	18
19	Triatic Stay	1	135'0"	5/8"	Std CCS	"	"	59
A20	Paravane Pendant	For Hulls	15'0"	5/8"	ImpPlStl	"	6 x 37	30
A21	Paravane Topp. Pendant	2727 only	13'0"	1 1/4"	Std CCS	"	6 x 19	59

ALTERATIONS: (A) Item 14 cancelled for hulls 2727 & items 20 & 21 added for hulls 2727 only.

WIRE ROPE SOCKETS (For one ship)					
Item	USED FOR	No. Req.	SIZE	TYPE	REMARKS
1	Shrouds	16	2"	closed	Drop forged steel
2	Forestay	1	1 1/4"	closed	Galv similar to
3	Forestay	1	1 1/4"	open	T. Laughlin
6	Paravane Preventers	4	1"	open	Sk. 92E, for open
7	Stack Guys	32	1"	closed	Sockets closed
5	10 ton Vang Pendant	32	7/8"	closed	T. Laughlin Std. sockets

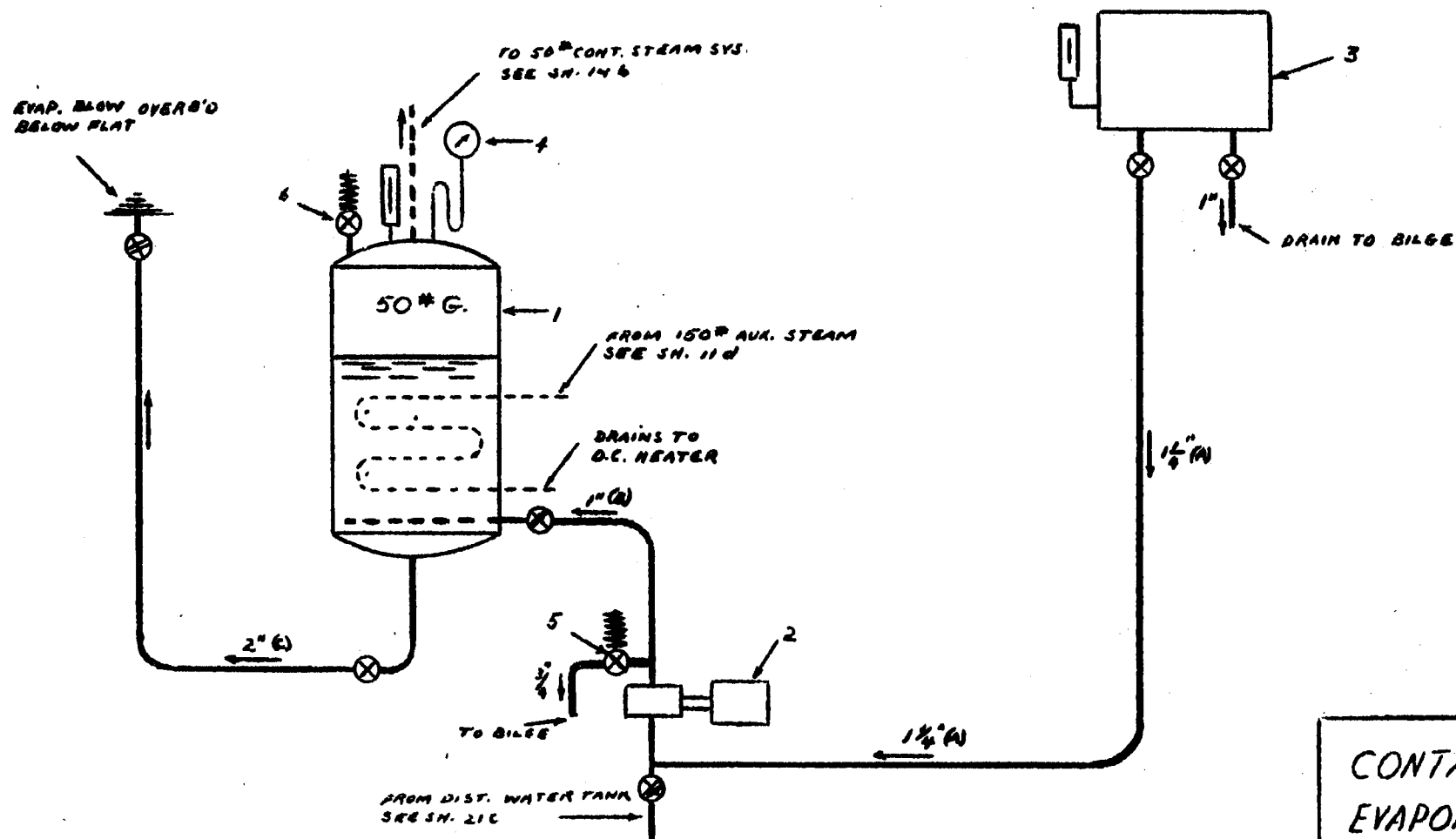
THIS SKETCH SUPERSEDES SK #26877-18010-1 FOR HULLS #269-77.

NOTE:-

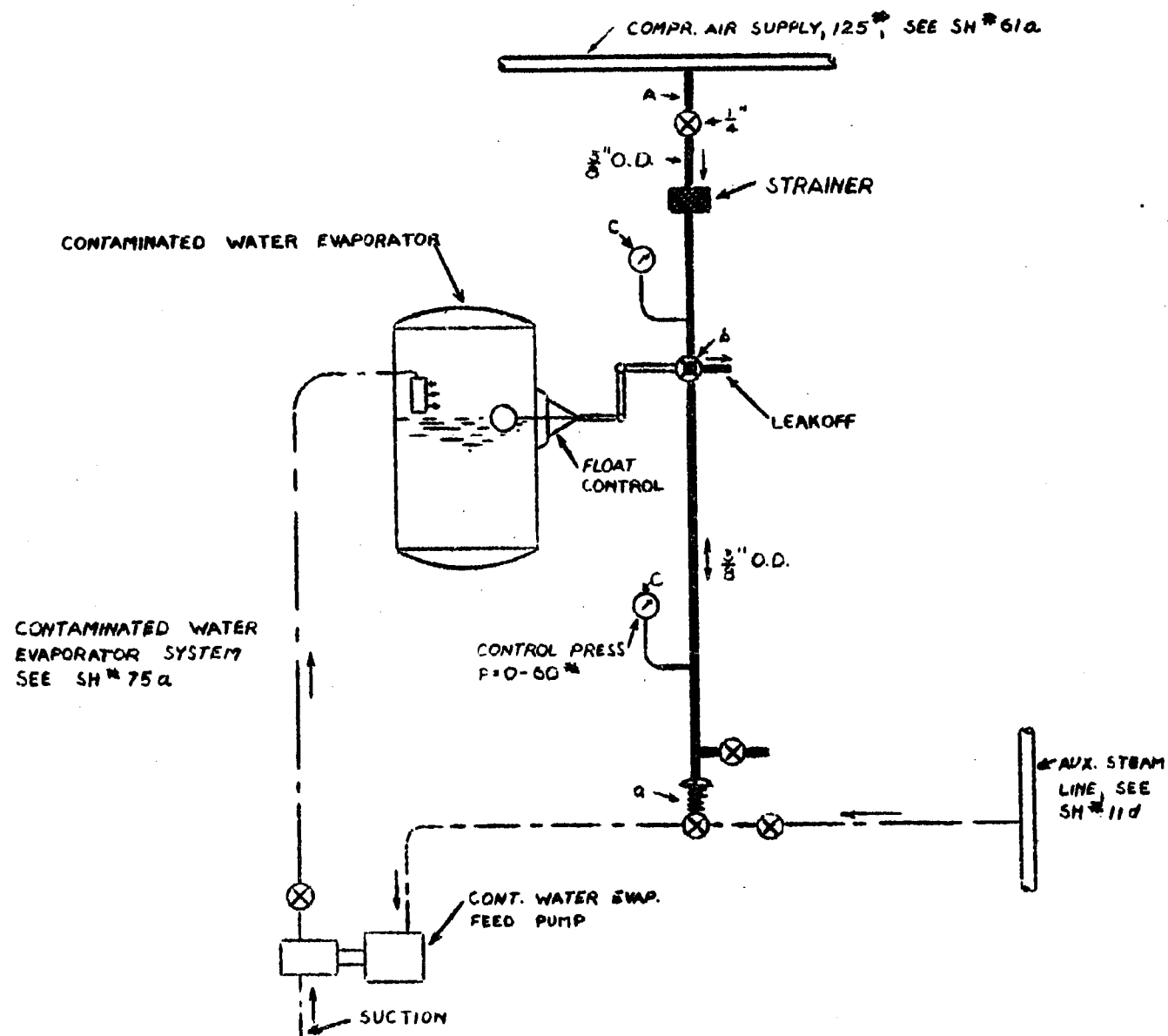
SYSTEM SHOWN FOR ONE ENGINE ROOM ONLY - OTHER ENG. RM. SIMILAR

LEGEND:-

- 1.- CONT. WATER EVAP. - RATED CAP. 1500³/HR.
- 2.- CONT. WT. EVAP. P.D. PUMP - CAP. 20 G.P.M.
- 3.- " " " " TANK - CAP. 60 GAL.
- 4.- LOCATED ON EVAP. GAUGE BOARD
- 5.- $\frac{3}{4}$ " RELIEF VALVE - SET AT 80³/IN² G.
- 6.- SAFETY VALVES - SET AT 55³/IN² G.



CONTAMINATED WATER
EVAPORATOR SYSTEM



NOTES:

RIISING FLOAT OPENS LEAKOFF VALVE,
CAUSING A REDUCTION IN THE CONTROL
PRESSURE WHICH SLOWS OR STOPS
EVAPORATOR FEED PUMP.

(a) PUMP GOVERNOR VALVE

(b) MASTER CONTROL VALVE

(c) GAUGES- LOCATED ON EVAP. GAUGE B'D

LEGEND:

CONTROL SYSTEM ———

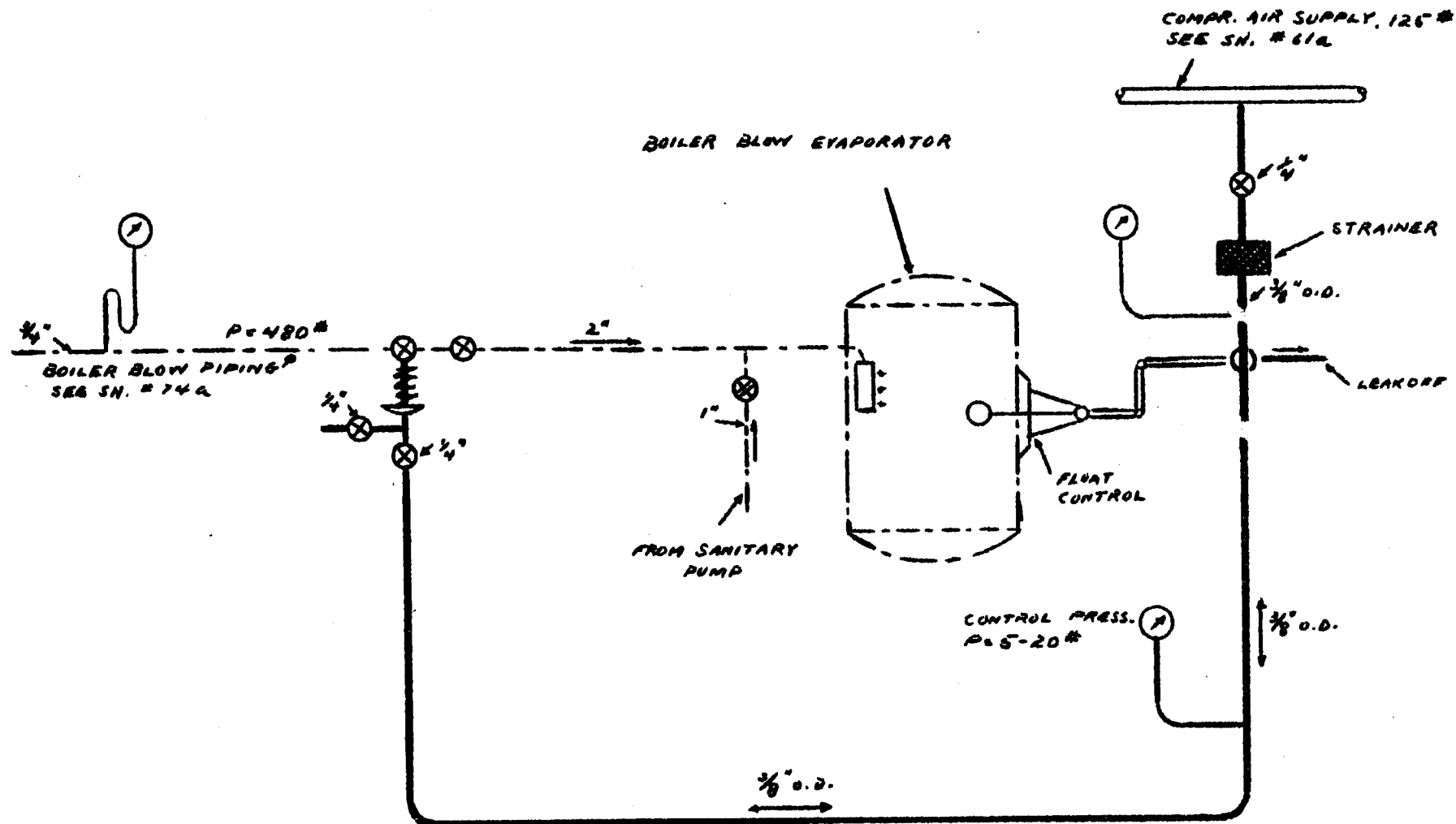
SERVICE SYSTEM ———

NOTE:

SYSTEM SHOWN IS FOR ONE BOILER
ROOM, ARRANGEMENT FOR OTHER BOILER
ROOM IS SIMILAR.

CONTAMINATED WATER EVAP.
FEED CONTROL SYSTEM
AIR OPERATED

DR. NO. E2-2779 sh75b



BOILER BLOW EVAPORATOR
FEED
CONTROL SYSTEM
AIR OPERATED

ELECTRIC
POWER
DISTRIBUTION
SECTION-S62

ELECTRIC POWER DISTRIBUTION

CONTENTS:

Discussion of Power Distribution.

Sketches - Sheet 1 thru 3 - from Elementary Power & Lighting Wiring Diagrams.

Sketch - Sheet #4 - from Emergency System Elementary Wiring Diagram.

Sketch - Generator & Distribution Switchboard #1.

Sketch - Main Distribution Switchboard.

Sketch - Power Distribution Switchboard #2.

Sketch - Emergency Distribution Switchboard.

Sketch - Emergency Stop PB cabinet for Eng Rm. Auxiliaries.

Sketch - Emergency Stop PB cabinet for Hold & quarters ventilation.

Sketch - Gun control motor generators switchboard #1.

Sketch - Gun control Power & Transfer panels.

List - Circuit assignments & Distribution panels.

REFERENCES:

Drawings - I.T.E. Circuit Breaker Co.

#200558, 200561, & 200704 Generator & Distribution switchboard #1.

#200509, 200546, & 200708 Generator & Distribution switchboard #2.

#200547 Generator & Distribution switchboards.

#200570, 200571, 200572, & 200672 Main Distribution switchboard.

#200826, 200800, & 200697 Power Distribution Switchboard #1.

#200898, 200701, & 200827 Power Distribution Switchboard #2.

#200899, 200702, & 200628 Power Distribution switchboard #3.

#200891 Power and Transfer Panels for Gun Control.

Drawings - Seaboard Electric Company:

#92342 - Emergency Distribution Switchboard.

#90342 - Emergency Generator Switchboard.

#91642 - Charging switchboard for Emergency Battery.

#101242 - Test Panel.

#101942 - Interior Communication, AC Gen. and Dist. Switchboard.

#120342 - Motor Generator (Gun Control) switchboard #1.

#112142 - Motor Generator (Gun Control) switchboard #2.

Drawings - Federal Shipbuilding and Drydock Company:

#L6-703 - Elementary Power & Lighting Wiring Diagrams.

#L6-722 - Elementary Wiring Diagrams Emergency system.

#L6-702 - Emergency stop PB cabinet for Eng. Rm auxiliaries.

#L6-833 - Emergency stop PB cabinet for Hold & quarters ventilation.

#L6-709 - Power Wiring - Fwd stores & hold #1, "B" deck and below.

#L6-710 - Power Wiring - Holds # 2 and 3, "B" deck and below.

#L6-711 - Power Wiring - Hold No. 4 - "B" deck and below.

#L6-712 - Power Wiring - Engine & Boiler Rooms, "B" deck and below.

#L6-713 - Power Wiring - Holds No. 5 and 6, "B" deck and below.

#L6-714 - Power Wiring - Hold No. 7 and stern, "B" deck and below.

#L6-715 - Power Wiring - "A" deck (2nd deck).

#L6-716 - Power Wiring - Promenade deck (main deck).

#L6-717 - Boat (upper) and Foo'sle decks.

#L6-718 - Power Wiring - Bridge deck (superstructure deck).

#L6-719 - Power Wiring - Nav. Bridge deck.

#L6-721 - Power Wiring - Arrgt Degaussing coils and controls.

#L6-723 - Lighting table of Wire Sizes and Losses.

#L6-728 - Lighting Wiring - Fwd Stores & Hold No. 1, "B" deck and below.

#L6-729 - Lighting Wiring - Holds No. 2 and 3, "B" deck and below.

#L6-730 - Lighting Wiring - Hold No. 4, "B" deck and below.

#L6-731 - Lighting Wiring - Engine and Boiler rooms.

#L6-732 - Lighting Wiring - Holds No. 5 and 6.

#L6-734 - Lighting Wiring - "A" deck (2nd deck).

#L6-735 - Lighting Wiring - Promenade deck (Main deck).

#L6-736 - Lighting Wiring - Boat (upper) and Foo'sle decks.

#L6-737 - Lighting Wiring - Bridge deck (superstructure deck).

#L6-738 - Lighting Wiring - Nav. Bridge deck.

#L6-739 - Lighting Wiring - Top of House (Flying Bridge).

ELECTRIC POWER DISTRIBUTION

Distribution of Electric Power from the ship's four (4) main generators, two (2) located in each engine room, is illustrated by sketches which follow. Generator switchboards are located in the engine rooms; a sketch is included outlining a front view.

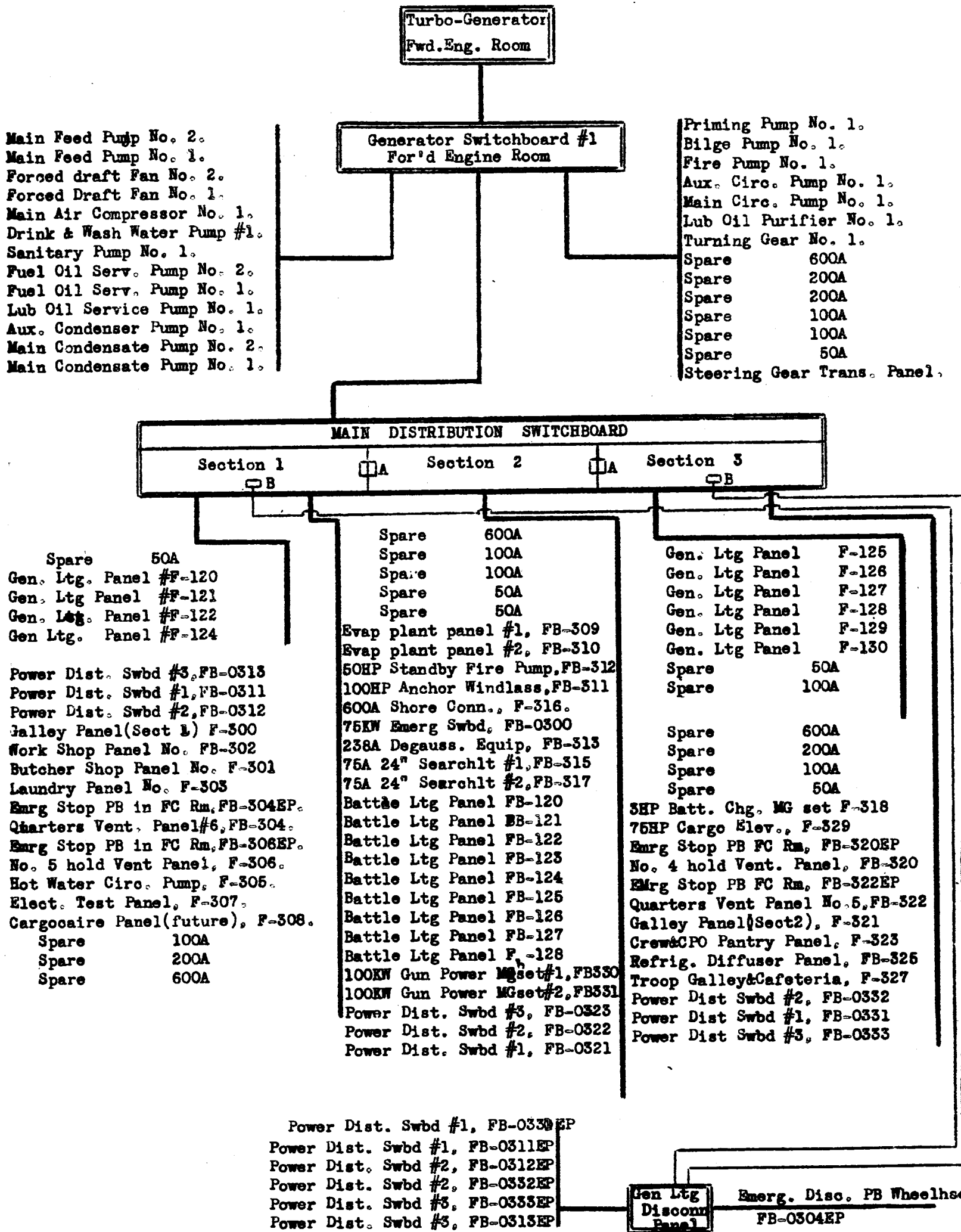
As seen on sheet #1 of the sketches, the next principal step in power distribution is to the Main Distribution switchboard which is located at frame 120 on the 3rd deck in what is called the Main Distribution Room. From this point power is distributed to the power Distribution switchboards #1, 2, and 3 and the remaining circuits as illustrated on sketch sheet #1. Power distribution switchboard No. 1, is located in resistor room forward on the main deck at frame 190, No. 3, is located in the fan room on superstructure deck at frame 107. Sketch sheet #3 illustrates distribution from the power distribution switchboards.

The Emergency Power system is covered by sketch sheet #4, for further details see the reference drawings.

Front views of all central distribution switchboards are included herein. A full description is omitted as reference drawings show complete details.

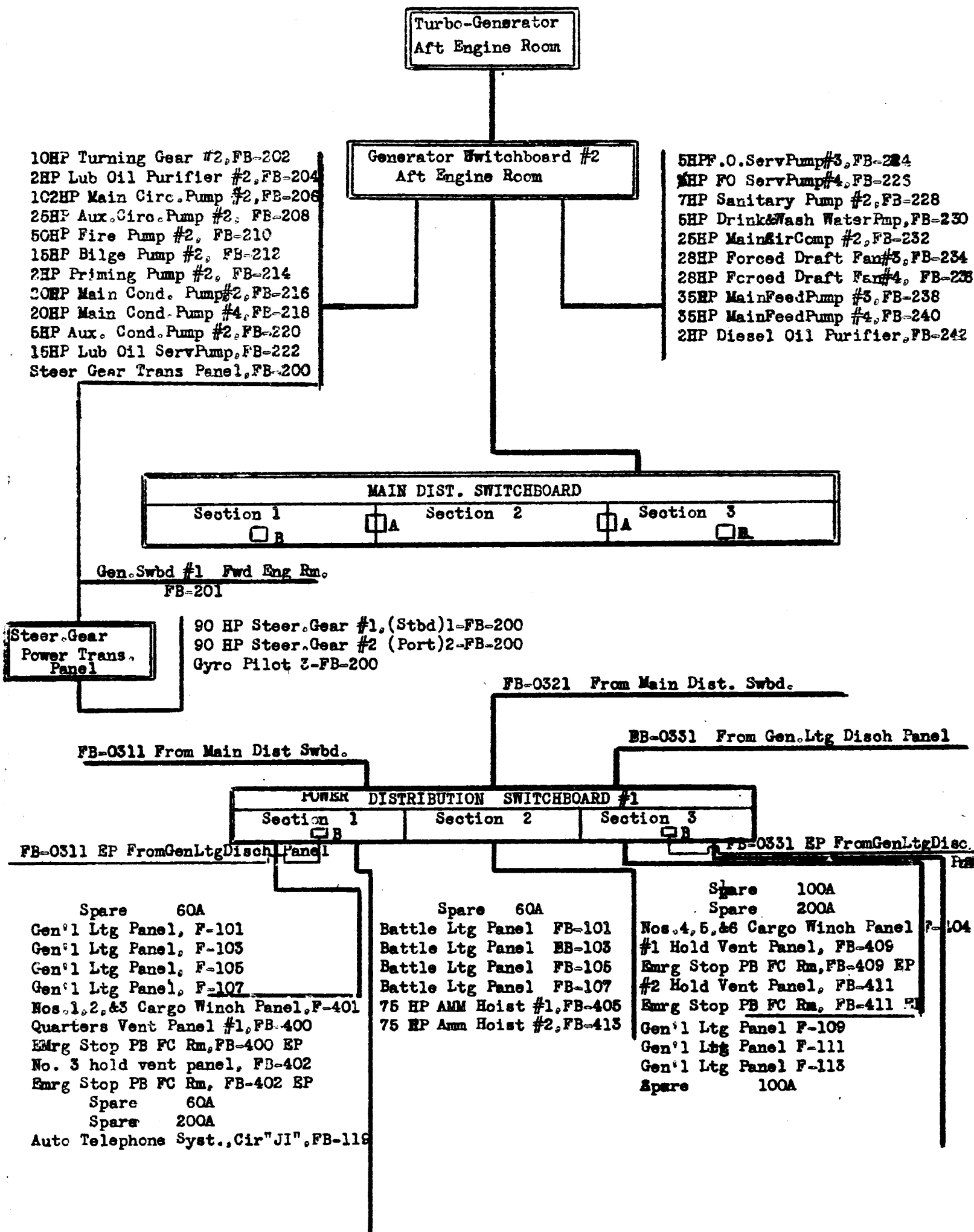
A list of circuit assignments and distribution panels is included which gives locations, circuit numbers, and points served by a given panel.

Attention is called to the Emergency stop Push button cabinets located in the engine rooms and in the fire control room aft of the wheel house on the starboard side. These panels are covered by sketches here and indicate the remote control available in case of emergency.



Note A - Normally closed Circ. Breaker without overload trip element. PB in ER locks circ. breaker in place, suspending reverse current trip operation. 3000A D,B, type SW with reverse current trip

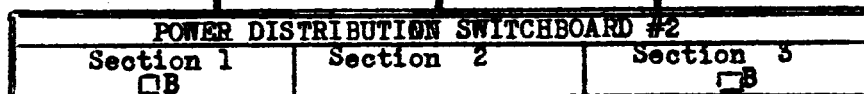
Note B - Gen'l Ltg. Disc. SW, Sec. 3600A Non-automatic ACB with shunt trip



FB-0322 From Main Dist. Swbd.

FB-0312 From Main Dist Swbd.

FB-0332 From Main Dist Swbd.



FB-0312EP Gen. Ltg. Disco. panel

FB-0332EP GenLtgDisco Panel

Spare 100A
Gen Ltg Panel F-100
Gen Ltg Panel F-102
Gen Ltg Panel F-104
Spare 200A
Spare 60A
25 HP Boat Hoist #12, F-431
25 HP Boat Hoist #10, F-433
35 HP Capstan #1, F-430
No. 7 hold Vent Panel, FB-432
Emrg Stop PB FC Rm, FB-432EP.
Troop Cafeteria Panel FB-435
Mes. 7, 8, & 9 Cargo Winch Panel, F-437

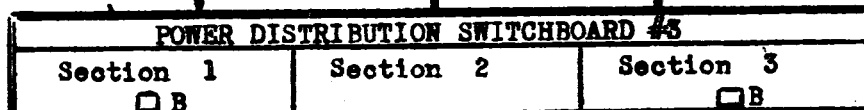
Spare 100A
Battle Ltg Panel, FB-100
Battle Ltg Panel, FB-102
Battle Ltg Panel, FB-104
75 HP Amm Hoist #3, FB-434
75 HP Amm Hoist #4, FB-436

Spare 200A
Decont Rm Panel, F-445
25 HP Boat Hoist #11, FB-439
25 HP Boat Hoist #9, F-441
35 HP Capstan #2, F-443
#10, 11, 12 cargo Winch Panel, FB-438
Hold #8 Vent Panel, FB-440-EP
Emrg Stop PB FC Rm, FB-440-EP
Quarters vent panel #2, FB-442
Emrg stop PB FC RM, FB-442-EP
Gen Ltg Panel F-106
Gen Ltg Panel F-108
Spare 100A
Spare 60A

FB-0323 From Main Dist. Swbd

FB-0313 From Main Dist. Swbd

FB-0333 From Main Dist Swbd



FB-0313-EP Gen. Ltg. Disco. panel

FB-0333-EP Gen Ltg Disco panel

Gen Ltg Panel F-140
Gen Ltg Panel F-141
Gen Ltg Panel F-142
Spare 60A
Fwd EngRM vent panel, FB-461
Emrg Stop PB Ctl Rm B deck, FB-461EP
Quarters vent panel #4, FB-463
Emrg Stop Pb Ctl Rm, FB-463-EP
Spare 200A
25 HP Boat Hoist #8, FB-462
25 HP Boat Hoist #5, F-464
25 HP Boat Hoist #4, F-465
25 HP Boat Hoist #1, F-467

Spare 100A
Spare 60A
Spare 60A
Spare 60A
5 HP 20mm Amm Hoist, FB-488
Hospital Panel, FB-470
Spare 60A
Radio FB-460
Battle Ltg Panel, FB-140
Battle Ltg Panel, FB-141
Battle Ltg Panel, FB-142
Battle Ltg Panel, FB-143
Battle Ltg Panel, FB-144
Battle Ltg Panel, FB-146

Quarters Vent Panel #3, FB-472
Emrg Stop PB FC Rm, FB-472-EP
Aft Eng Rm Vent Panel, FB-474
Emrg Stop PB FC Rm, B dk, FB-474
Spare 200A
25 HP Boat Hoist #7, F-478
25 HP Boat Hoist #6, F-480
25 HP Boat Hoist #3, F-469
125HP Boat Hoist #2, F-471
Officers Pantry Panel, F-482
Diet Kitchen Panel, F-484
Spare 200A
Spare 100A
Gen Ltg Panel, F-143
Gen Ltg Panel, F-145
Spare 60A

ELECTRIC POWER DISTRIBUTION

SHEET #3

- Officers call bell
CCT 1A
- Officers call bell
CCT 2A
- Officers Call bell
Cot 3A
- Hosp. Call bell CCT 4A
- Refrig. Space Alarm
Cot RS
- Test panel supply
Cot F20
- Smoke Detector Cot SD2
- AC power failure Alarm
Cot F21
- Spare (15A)
- Spare (30A)

- Shaft Rev. Indicator Cot 1K - Eng. Ltg #4 hold, "B" dk & below
CCT XFE-103
- Shaft Rev. Indicator Cot 2K - Eng Ltg Holds 1,2,3, A dk below
CCT SFE 103
- Fathometer - CCT FA-1 - Eng Ltg Troop Off. & Crews Qtrs.
CCT XFE 109
- (30A) Spare - Prom. boat, bridge decks, fwd,
CCT XFE-113
- (15A) Spare - Eng Ltg Troop Off & crews Qtrs
Cct XFE 110
- (70A) Spare - Holds 5,6,7, A dk & below
Cct XFE 114
- EM Pwr Subm. Bilge Pump - Boat floodlights & outside ltg
CCT XFE-200
- EM Pwr Air Compressor - Navigating Instruments
Cct XFE-201
- EM Pwr Ships Radar - Spare (30A)
CCT XFE-203
- (10A) Spare - EM Pwr, Radio, Cct SFE 205
- (30A) Spare - Spare (60A)
- (30A) Spare - Spare (30A)
- (30A) Spare - Spare (20A)
- (30A) Spare - Spare (15A)

- Eng Ltg "B" deck & below
CCT XFE100
- Eng Ltg holds 1,2,3, XFE101
- Eng Ltg Prom, boat, br dks,
CCT XFE104
- Eng Ltg Aft Engine Room 102
- Eng Ltg Fwd Engine Room XFE105
- Troop Off & Crew's Qtrs XFE107
- Troop Off & Crew's qtrs XFE108
- Eng Ltg Prom, bo t, br dks, XFE111
- Eng Ltg, holds 5,6,7, XFE 112,
- Spare (30A)
- Gyro Compass CCT 2g
- Whistle Control CCT "W"
- Fire Alarm CCT "F"
- General Alarm - Cot "G"
- Running & Anchor lts, Cot XFE115
- Em Generator Room, Cot XFE116
- Em Swbd Room, Cot XFE 118
- Radio Room, Cot XFE 121
- Battle Telephone Callbell Ctr "E"
- Watertight door system Cot XFE204
- Spare (50A)

ELECTRIC POWER DISTRIBUTION EMERGENCY SYSTEM

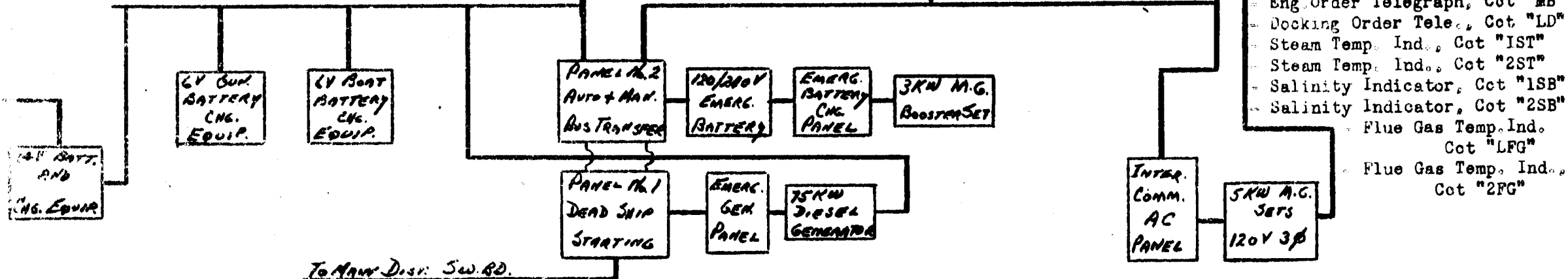
1.1 Mach, Gun Cease Fir. Sys -
Cot "4U"

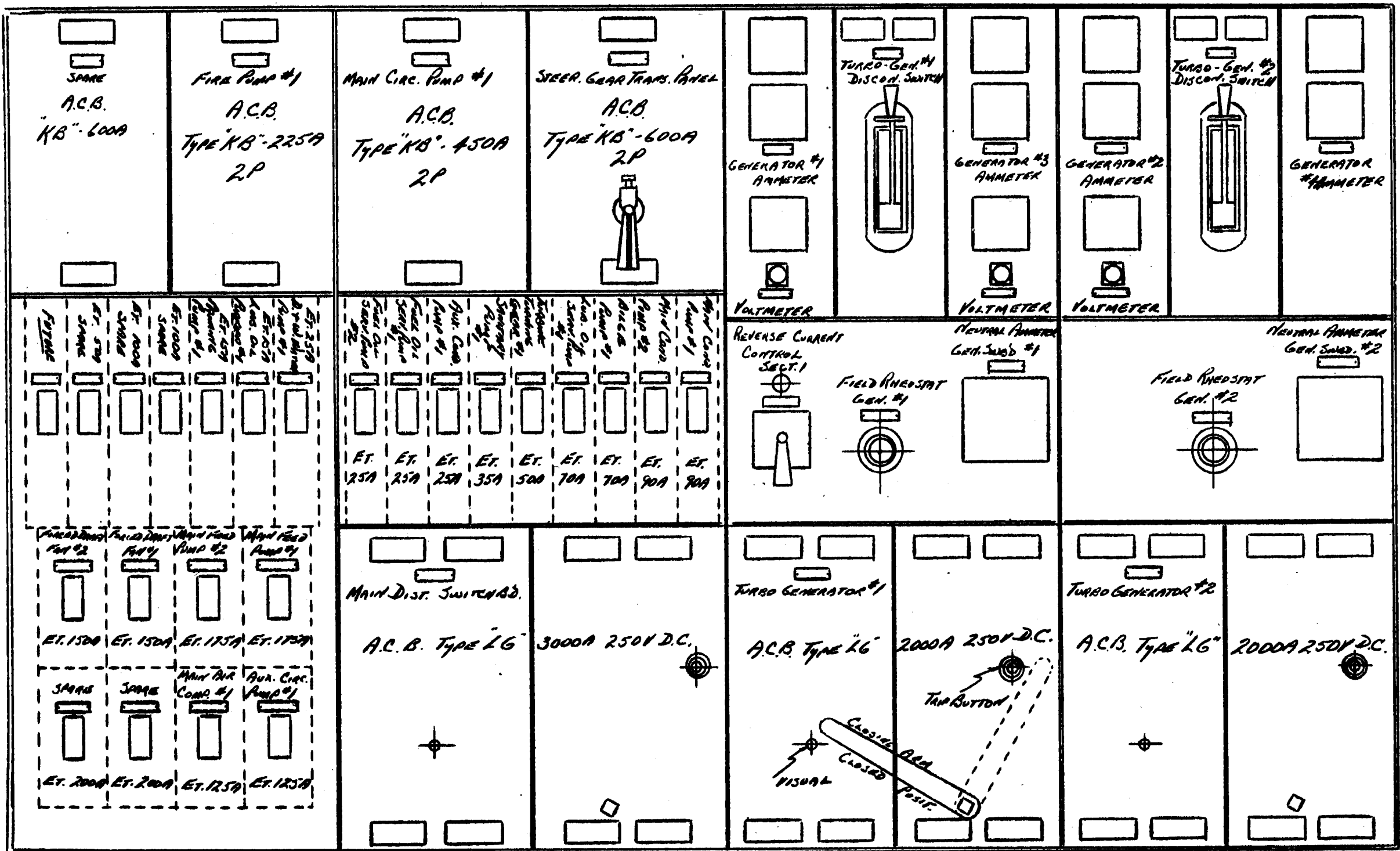
20mm Cease Fir. System -
Cot "5U"

Sterilizer, Batt Dress Sta -
Cot XFE 209

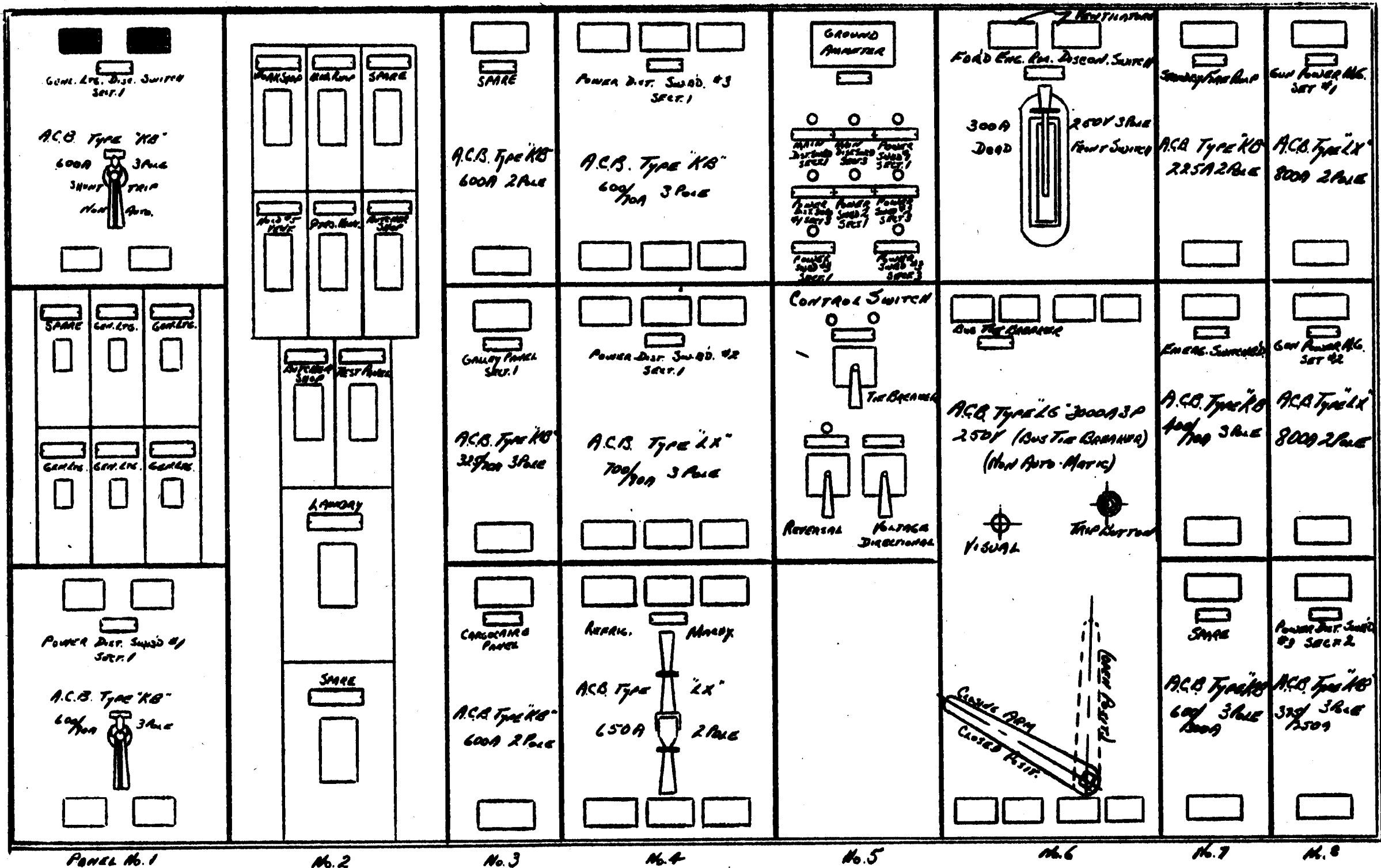
- 5" Salvo Signal Syst.
- Eng Alarm Panel Supply
Cot XFE 122
- Eng Alarm Panel Supply
Cot XFE 125
- 5" Gun Cease Fir. System
Cot "2U"

- Spare (10A)
- Spare (10A)
- Salinity Ind. Cot "3SB"
- Spare (10A)
- Elev. Tel System Cot "JE"
- AC Power Dist. Panel Cot XFE152
- Spare (30A)
- Announcing Syst. Cot "IMC"
- Test circuit Cot XFE130
- Gyro Pilot, Cot "LCS"
- Rudder Angle Ind. Cot "N"
- Eng. Order Telegraph, Cot "MB"
- Docking Order Tele., Cot "LD"
- Steam Temp. Ind., Cot "IST"
- Steam Temp. Ind., Cot "2ST"
- Salinity Indicator, Cot "1SB"
- Salinity Indicator, Cot "2SB"
- Flue Gas Temp. Ind.
Cot "LFG"
- Flue Gas Temp. Ind.,
Cot "2FG"

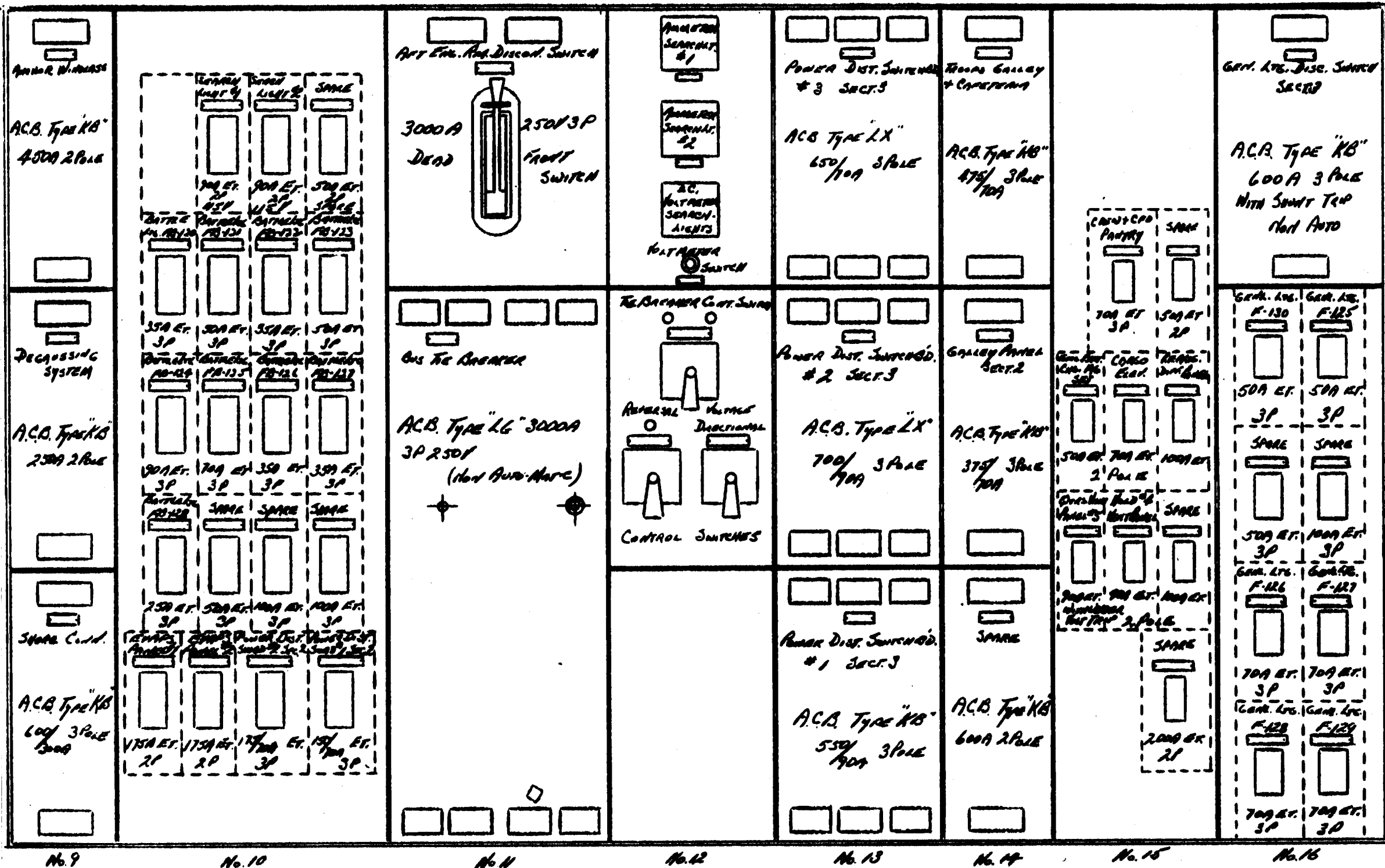




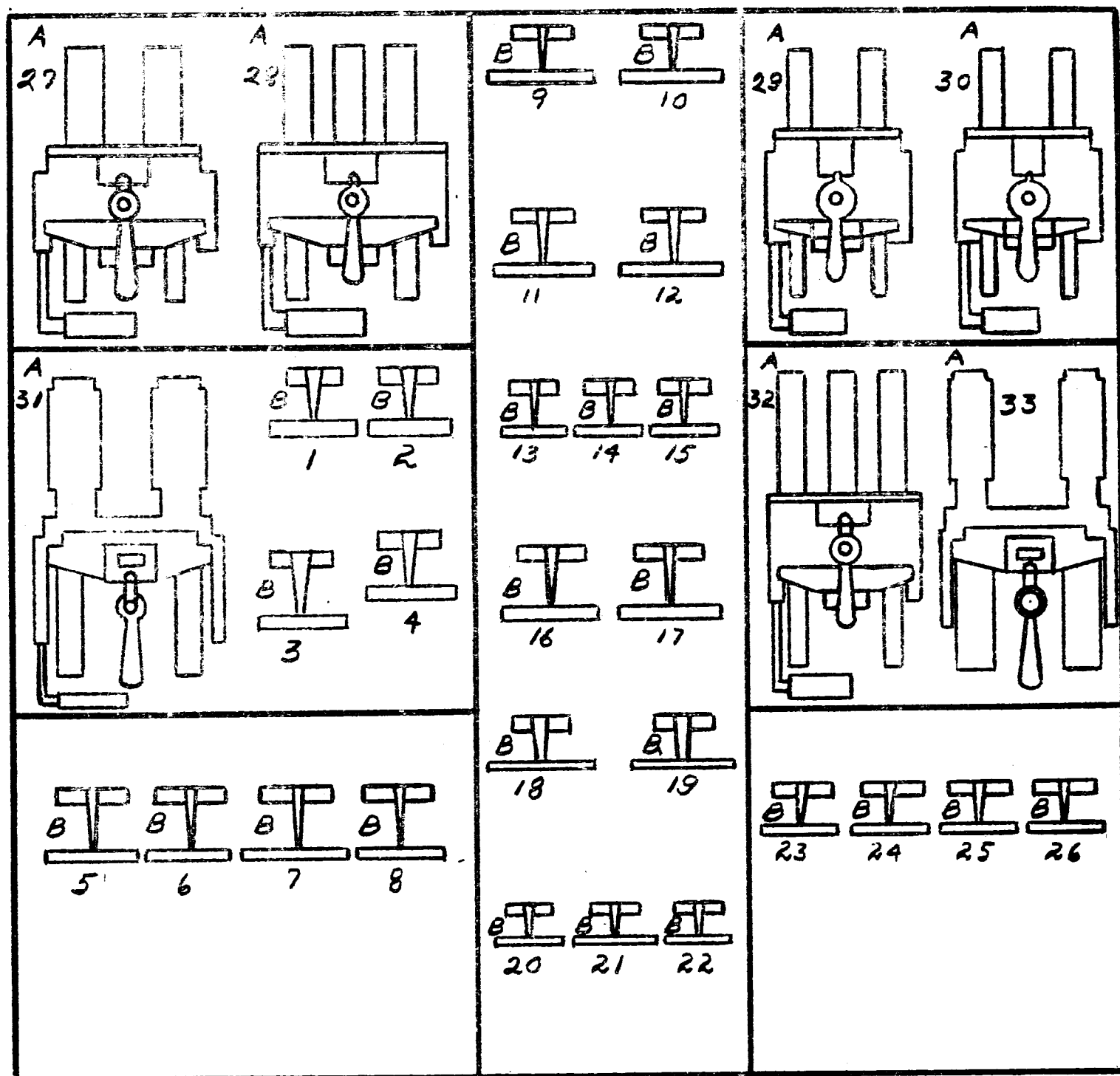
GENERATOR AND DISTRIBUTION SWITCHBOARD No. 1



MAIN DISTRIBUTION SWITCHBOARD
SECT. 1



MAIN DISTRIBUTION SWITCHBOARD
SHEET 2



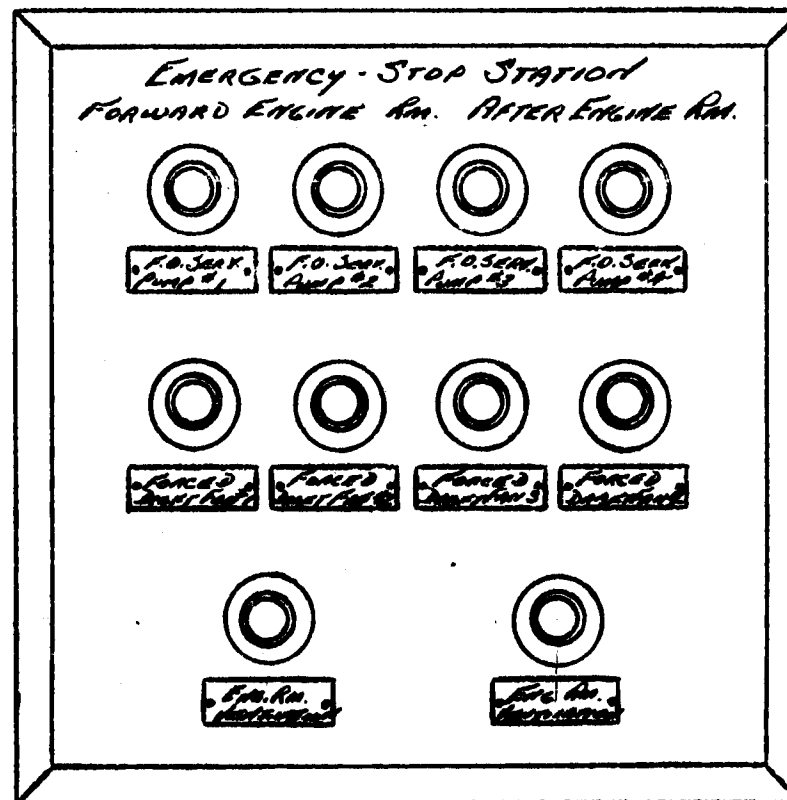
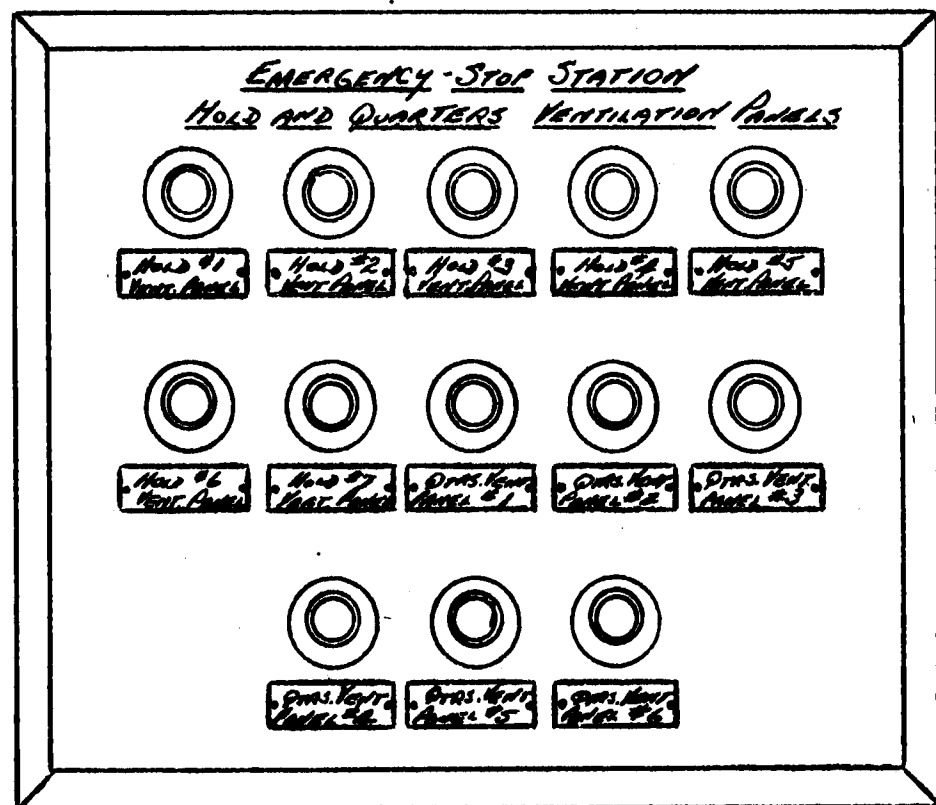
PANEL NO 1

PANEL NO 2

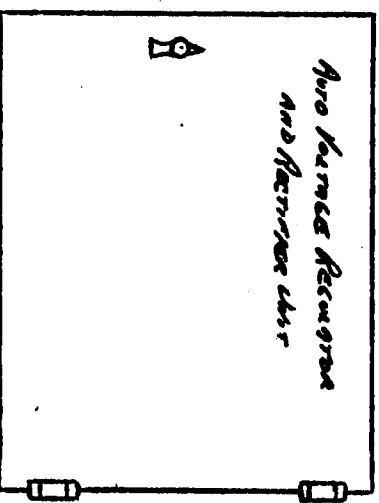
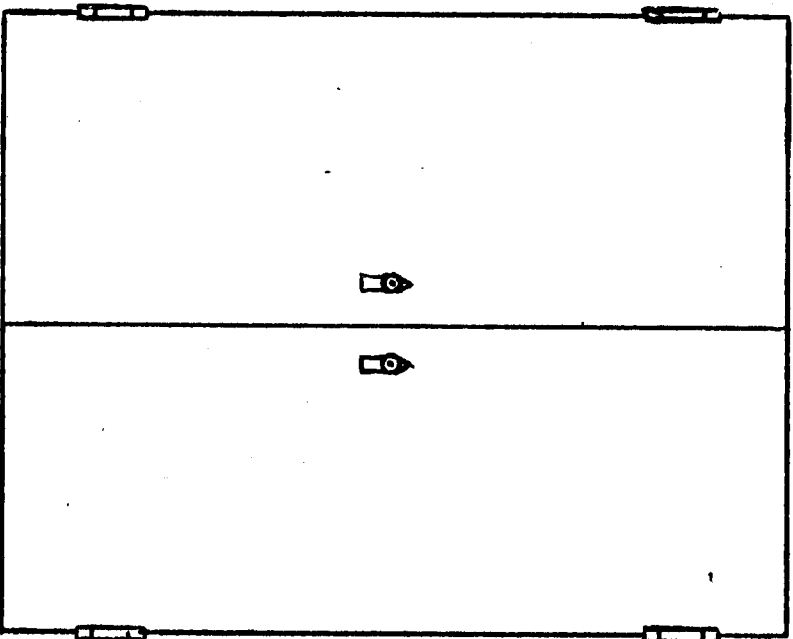
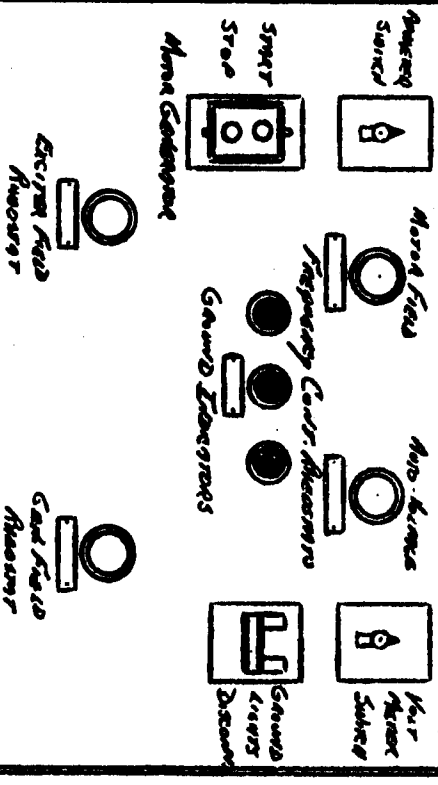
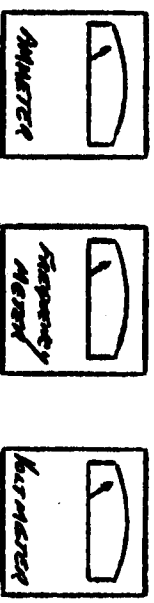
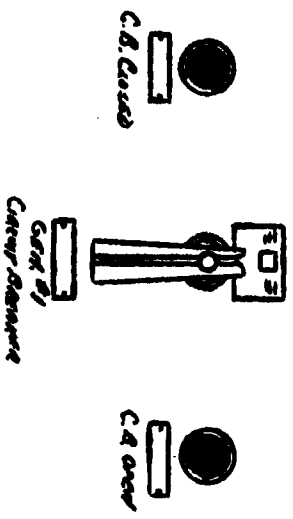
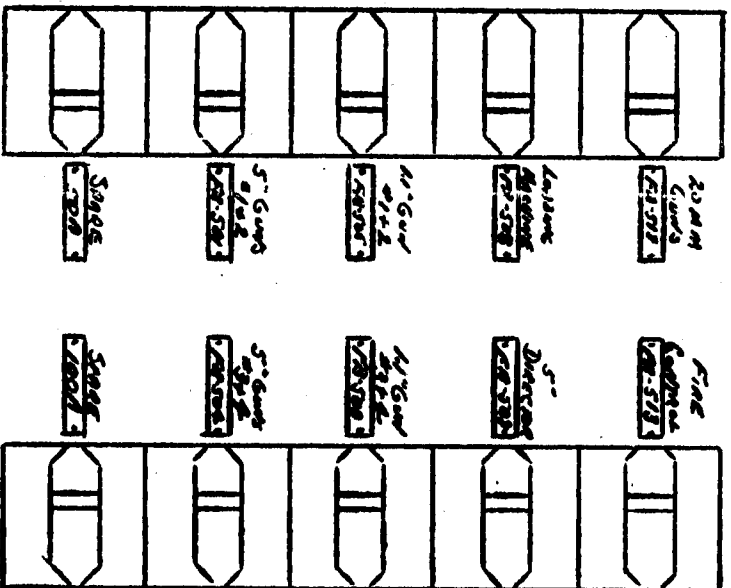
PANEL NO 3

POWER DISTRIBUTION SWITCHBOARD NO. 2.

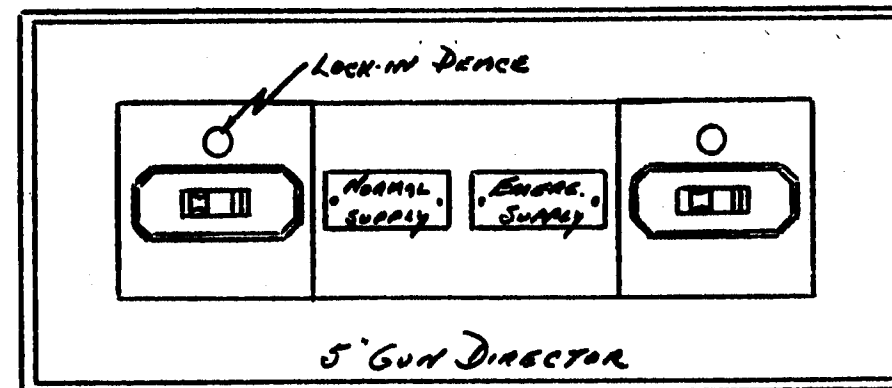
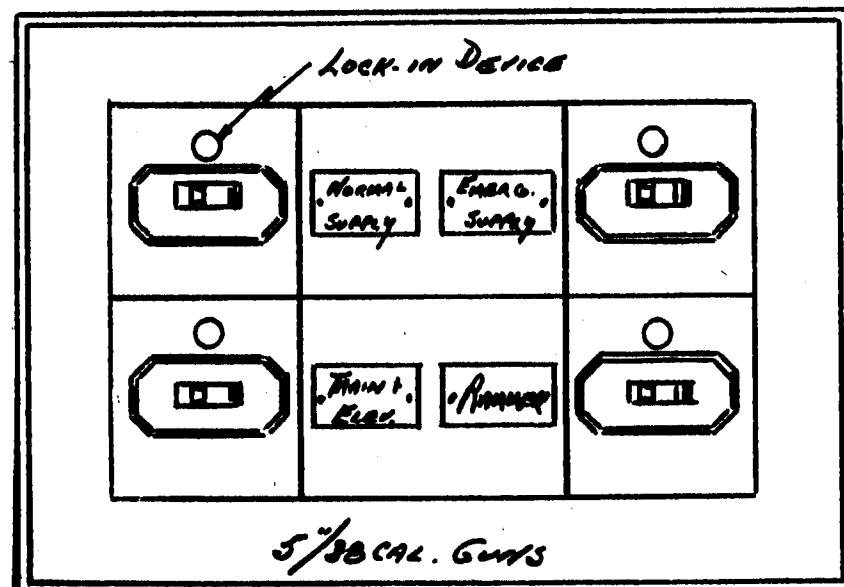
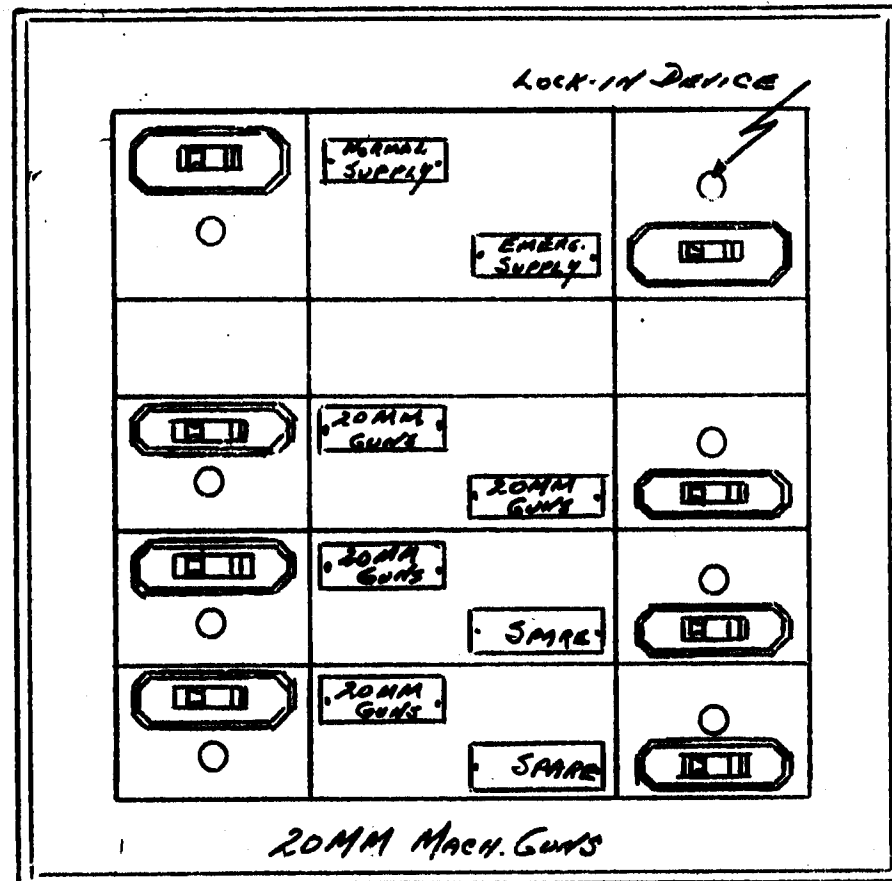
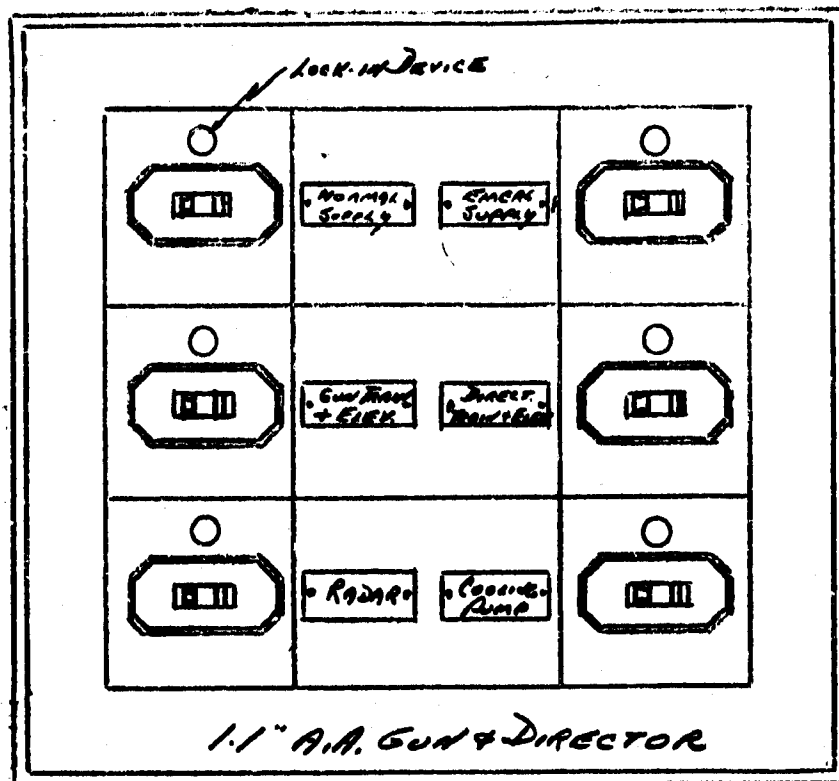
Pt.No.	Circ.No.	Nameplate Marking	Fuse or El	PtNo	CirNo.	Nameplate Mark.	Fuse or E
1.	F-100	Gn.Ltg Panel F-100	50A	18.	F-108	GnLtgPanel,secl,2,&3	80A
2.	F-102	Gn.Ltg Panel F-102	50A	19.		Spare	100A
3.	F-435	Sec.1&2 Panel F-102	35A	20		Spare	60A
4.	F-104	Gn.LtgPanel,Sec.1,2,&3	80A	21.		Spare	60A
5.	F-431	Boat Hoist No. 12,25HP	125A	22.	F-445	Decont.Rm Panel	60A
6.	F-433	Boat Hoist No.10,25HP	125A	23.		Spare	200A
7.	F-430	Capstan No. 1, 35 HP	175A	24.	F-439	Boat Hoist No.1,25HP	125A
8.		Spare	200A	25.	F-441	Boat Hoist No 9,25HP	125A
9.		Spare	100A	26.	F-443	Capstan No. 2,35HP	175A
10.	FB-100	Btle ltg panel,secl&2	70A	27.	FB-432	#7 hold vent panel	150A
11.	FB-102	Battle ltg panel	45A	28.		GnLtgBreaker,sec.1.	200A
12.	FB-104	Battle Ltg panel	60A	29.	FB-440	#6 hold vent panel	125A
13.	FB-434	Amm.Dredger,Hoist #3	50A	30.	FB-442	Qtrs vent panel,No.2	70A
14.	FB-436	Amm.Dredger,Hoist #4	50A	31.	F-437	CargoWinch.Panels7,8,&9	350A
15.		Spare	60A	32.		GnLtgBreaker,sec.3.	200A
16.		Spare	100A	33.	FB-438	Cargo Winch 10,11,12	350A
17.	F-106	GenLtgPanel,No.F-106	80A				



EMERGENCY - STOP PUSH BUTTON CABINETS
FOR HOLDS + QUARTERS AND ENG. RM. AUXILIARIES



Gun Control Motor - Generator
Switchboard #1



POWER AND TRANSFER PANELS
FOR GUN CONTROL

CIRCUIT ASSIGNMENT

DISTRIBUTION SYSTEMS

GENERAL LTG. PANEL #F100 - Crew's quarters, hold #5, "B" deck, Fr. 148 - Centerline.

CIRCUIT NO.

F100-A1 General lights - passages: Port, stbd, & athwartships.
 A2 Receptacles - Passages: Port, Stbd, & Athwartship.
 A3 Ceiling & Mirror lights - Stbd quarters aft.
 A4 Ceiling & Mirror lights - Port quarters, aft.
 A5 Ceiling & Mirror lights - P & S quarters Fwd.
 A6 Berth lights, crew's quarters, Port.
 A7 Berth lights, crew's quarters, Stbd.
 A8 Convenience receptacles - crew's quarters, port.
 A9 Bracket Fans - Crew's quarters P&S.
 A10 Convenience Receptacles - Crew's quarters, stbd.
 A11
 A12

GENERAL LTG. PANEL #F101 - FOREPEAK, PROMENADE DECK: FR. 16 CENTERLINE.

CIRCUIT NO.

F101-A1 Bow receptacle - Forecastle peak.
 A2 Receptacles - Passages, carpenter shop & anchor windlass.
 A3 General Lights - Bosns stores, Promenade deck.
 A4 General Lights - Stores, P&S, promenade deck.
 A5 General Lights - Passages, Paint Room, lamp room, Prom deck.
 A6 General Lights - Carpenter shop, Prom. Deck.
 A7 General Lights - Bos'n's stores, "A" deck.
 A8 General Lights - Bos'n's stores, "B" deck.

Change "A": Ref. dr. - Kinney No. PB24155-A&b, marked with sw. no. 8.

GENERAL LTG. PANEL #F102 - Sec. 1 - Hold #5 "B" deck Fr. 162 Port.

CIRCUIT NO.

F102-A1 General Lights - Passages & Gangway, Port - B deck.
 A2 General Lights - Passages & Gangway, Stbd - "B" deck.
 A3 General Lights - Stores, Port - "B" deck.
 A4 Receptacles - Decontam. Room, Prom deck; and "B" deck.
 A5 General Lights - Decontam. Room, Port side - Prom deck.
 A6 General Lights - Decontam. Room, Stbd side, Prom deck.
 A7
 A8

GENERAL LTG. PANEL #F102 Sec. 2, Hold 5, "C" deck; Fr. 162, Port.

CIRCUIT NO.

F102-A9 General Lighting - Troops berthing - Port, Aft.
 A10 General Lighting - Troops berthing - Stbd Aft.
 A11 General Lighting - Troops berthing - Port middle.
 A12 General Lighting - Troops berthing - Stbd middle.
 A13 General Lighting - Troops berthing - Port, Fwd.
 A14 General Lighting - Troops berthing - Centerline Fwd.
 A15 General Lighting - Troops berthing - Stbd Fwd.
 A16 Receptacles - Troops Berthing - At pillars.
 A17
 A18

GENERAL LTG. PANEL #F104, Sec. 1, Hold No. 6, "A" deck fr 182, Port.

CIRCUIT NO.

F104-A1 General Lights - Troops berthing - Port Fwd.
 A2 General Lights - Troops berthing - Stbd Fwd.
 A3 General Lights - Troops berthing - Port Aft.
 A4 General lights - Troops berthing - Stbd Aft.
 A5 General Lights - Troops Berthing - Centerline, Fwd.
 A6 General Lights - Troops berthing - Over hatch.
 A7 Receptacles - Troops berthing.
 A8

GENERAL LTG. PANEL #F103 - Hold No. 1 "C" Deck; Fr. 36, Centerline.

CIRCUIT NO.

F103-A1 General lights - Guards Berthing.
A2 General Lights - Guard House.
A3 Receptacle - Guard House.
A4 Receptacle - Guards berthing.
A5
A6

GENERAL LTG. PANEL F104, Sec. #2, Hold #6 - "B" deck; Fr. 182, Port.

CIRCUIT NO.

F104-A9 General Lights - troops berthing - Port Aft.
A10 General lights - Troops berthing - Stbd Aft.
A11 General lights - troops berthing - Port Fwd.
A12 General Lights - troops berthing - Stbd Fwd.
A13 General lights - troops berthing - Fwd, inboard, port.
A14 General lights - troops berthing - Fwd, inboard, stbd.
A15 Receptacles - Troops berthing - At pillars.
A16 General Lights - troops berthing - Over hatch.
A17
A A18

GENERAL LTG. PANEL #F104, Sec. 3, hold #6, "C" Deck; Fr. 182, Port.

CIRCUIT NO.

F104-A19 General Lights - Troops berthing - Port Aft.
A20 General Lights - Troops berthing - Stbd Aft.
A21 General Lights - Troops berthing - Port, Middle.
A22 General Lights - Troops berthing - Stbd Middle.
A23 General Lights - Troops berthing - Port Fwd.
A24 General Lights - Troops berthing - Stbd Fwd.
A25 General Lights - Troops berthing - Over hatch.
A26 Receptacles - Troops berthing - At pillars.
A27
A28

GENERAL LTG. PANEL #F105 - Sec. 1, Hold #2, "A" Deck; Fr. 56 Port.

CIRCUIT NO.

F105-A1 General Lights - Troops berthing - Port Fwd.
A2 General Lights - Troops berthing - Stbd. Fwd.
A3 General Lights - Troops berthing - Port, Aft.
A4 General Lights - Troops berthing - Stbd, Aft.
A5 General Lights - Troops berthing - Over hatch.
A6 Receptacles - Troops berthing - At Pillars.
A7
A8

GENERAL LTG. PANEL #F105, Sec. 2, Hold No. 2, "B" Deck, Fr. 56, Port.

CIRCUIT NO.

F105-A9 General Lights - Troops Berthing - Port.
A10 General Lights - Troops berthing - Stbd.
A11 General Lights - Troops berthing - Over hatch.
A12 General Lights, - Troops berthing - Aft, P&S.
A13
A14 Receptacles - Troops berthing - At Pillars.
A15
A16

GENERAL LTG. PANEL #F105, Sec. 3, Hold #2, "C" DECK FR. 56. PORT.

CIRCUIT NO.

F105-A17 General Lights - Troops berthing - Port.
A18 General Lights - Troops Berthing - Stbd.
A19 General Lights - Troops berthing - Over hatch.
A20 General Lights - Troops berthing - Aft.
A21 Receptacles - Troops berthing - At Pillars.
A22
A23
A24

GENERAL LTG. PANEL #F106 - AFT FAN CONTROL ROOM, PROM. DECK, FR. 191-192, PORT.

CIRCUIT NO.

F106-A1 Deck Floodlights - Hatch #6 and Fwd, Prom Deck.
A2 Deck Floodlights - Hatch #7 & Prom. Deck.
A3 Cargo Lights - Hold No. 5, Tunnel Flat, Port, Fwd.
A4 Cargo Lights - Hold #5, Tunnel Flat, Stbd, Fwd.
A5 Cargo Lights - Tunnel Flat, Port, Aft.
A6 Cargo Lights @ Hold No. 5 Tunnel Flat, Stbd Aft.
A7 Cargo Lights - Hold No. 5, Tunnel Flats, Center.
A8 Cargo Lights - Hold No. 5, Tunnel Flat.
A9 Cargo Lights - Hold No. 6, Tunnel Flat, Port, Fwd.
A10 Cargo Lights - Hold No. 6, Tunnel Flat, Stbd Fwd.
A11 Cargo Lights - Hold No. 6, Tunnel Flat, Port, Aft.
A12 Cargo Lights - Hold No. 6, Tunnel Flat, Stbd, Aft.
A13 Receptacle & Ladder Light - Hold No. 6, Tunnel Flat.
A14 Cargo Lights - Hold #6, Tunnel Flat, Center.
A15 Cargo Lights - Hold No. 7, Tunnel Flat, Port Fwd.
A16 Cargo Lights - Hold No. 7, Tunnel Flat, Stbd, Fwd.
A17 Cargo Lights, Hold No. 7, Tunnel Flat, Aft P&S.
A18 Receptacle & ladder light, Hold No. 7, Tunnel Flat.

GENERAL LTG. PANEL #F106 - AFT FAN CONTROL ROOM, PROM DECK, FR. 191-192, PORT.

CIRCUIT NO.

F106-A19 Cargo Receptacle - Hold No. 5, "B" Deck, Port Gangway.
A20 Cargo Receptacle - Hold No. 5, "S" deck, stbd gangway.
A21 Cargo Receptacle - Hold No. 6, Prom. Deck, Fwd. End.
A22 Cargo Receptacle - Hold No. 6, Prom. Deck, Aft End.
A23 Cargo Receptacle - Hatch No. 7, Prom deck, fwd end.
A24 Cargo receptacle - Hatch No. 7, Prom deck, aft end.

GENERAL LTG PANEL #F107 - FORD. WINCH RESISTOR ROOM: FROM DECK, FR. 66, C.L.

CIRCUIT NO.

F107-A1 Deck Floodlights - Hatch #2 & Fwd, Prom deck.
A2 Deck Floodlights - Hatch #3, Boat deck.
A3 Receptacle and ladder lights - Hold No. 1, Tank top.
A4 Cargo Lights - Hold No. 2, tank top Fwd, P&S.
A5 Cargo Lights - Hold No. 2, tank top, Port, Aft.
A6 Cargo Lights - Hold No. 2, tank top, stbd aft.
A7 Cargo Lights - Ladder lights - Hold No. 2, tank top.
A8 Cargo Lights - Hold No. 3, Tank top, stbd.
A9 Cargo Lights - Hold No. 1, Tank top, P&S.
A10 Cargo Lights - Hold No. 3, Tank top, Port.
A11 Ladder Lights - Hold No. 3, tank top, Fwd.
A12 Cargo Receptacle - Hatch No. 1, Prom deck, Fwd end.
A13 Cargo Receptacle - Hatch No. 1, Prom Deck, Aft end.
A14 Cargo Receptacle - Hatch No. 2, Prom deck, Fwd end.
A15 Cargo Receptacle - Hatch No. 2, Prom deck, aft end.
A16 Cargo Receptacle - Hatch No. 3, Boat Deck, Fwd end.
A17 Cargo Receptacle - Hatch No. 3, Boat deck, aft end.
A18
A19
A20

GENERAL LTG. PANEL F108 - SEC. #1, HOLD #7: "A" DECK, FR. 194, STBD.

CIRCUIT NO.

F108-A1 General Lights - Troops berthing - Stbd fwd.
A2 General Lights - Troops berthing - Port Fwd.
A3 General Lights - Troops berthing - Center, Fwd.
A4 General Lights - Troops berthing - Port, Aft.
A5 General Lights - Troops berthing - Stbd, Aft.
A6 General Lights - Troops berthing - Center, Aft.
A7 Receptacles - Troops berthing - At Pillars.
A8 General Lights - Fan Rooms, P&S - Prom deck, at Main Mast.
A9
A10

GENERAL LTG. PANEL F108 - SEC. 2, HOLD NO. 7, "B" DECK, FR. 194, STBD.

CIRCUIT NO.

F108-A11	General Lights - Troops berthing - Stbd, Fwd.
A12	General Lights - Troops berthing - Port, Fwd.
A13	General Lights - Troops berthing - Center.
A14	General Lights - Troops berthing - Port, Aft.
A15	General Lights - Troops berthing - Stbd, Aft.
A16	Receptacles - Troops berthing - At Pillars.
A17	
A18	

GENERAL LTG. PANEL F108, SEC. #, HOLD NO. 2, "C" DECK FR. 194, STBD.

CIRCUIT NO.

F108-A19	General Lights - Troops berthing - Stbd Fwd.
A20	General Lights - Troops berthing - Port, Fwd.
A21	General Lights - Troops berthing - Stbd Aft.
A22	General Lights - Troops berthing - Port, Aft.
A23	General Lights - Troops berthing - Aft, P&S.
A24	Receptacles - Troops berthing - At Pillars.
A25	
A26	

GENERAL LTG. PANEL #F109, SEC. 1, HOLD #3, "A" DECK, FR. 80, PORT.

CIRCUIT NO.

F109-A1	General Lights - Gunners berthing - outboard.
A2	General Lights - Gunners berthing - inboard.
A3	General Lights - Gunners mess.
A4	General Lights - C.P.O. quarters.
A5	Receptacles - Gunners quarters & mess.
A6	
A7	
A8	

GENERAL LTG. PANEL F109 - Sec. 3, Hold No. 2, "B" DECK, FR. 66, STBD.

CIRCUIT NO.

F109-A15	General Lights - Troops berthing - Ford, P&S
A16	General Lights - Troops berthing - Port
A17	General Lights - Troops berthing - Stbd
A18	General Lights - Troops berthing - Aft, P&S
A19	Receptacles - Troops berthing - At Pillars.
A20	General Lights - Troops Berthing - Over hatch.
A21	
A22	

GENERAL LTG. PANEL F109 - SEC. 4, HOLD 3, "C" DECK, FR. 66, STBD.

CIRCUIT NO.

F109-A23	General Lights - Troops Berthing - Stbd, Fwd.
A24	General Lights - Troops berthing - Port, Fwd.
A25	General Lights - Troops berthing - Stbd, Aft.
A26	General Lights - Troops berthing - Port, Aft.
A27	General Lights - Troops berthing - Over hatch
A28	Receptacles - Troops berthing - At Pillars.
A29	
A30	

GENERAL LTG. PANEL F111 - TROOP OFFICERS QUARTERS, PROM DECK, FR. 75, PORT.

CIRCUIT NO.

F111-A1	General Lights - Port Passage, Fwd.
A2	General Lights - Port Passage, Aft.
A3	Receptacles - Port Passage.
A4	Ceiling and mirror lights - state room 41.
A5	Ceiling and mirror lights - state room 43.
A6	Ceiling and mirror lights - state room 45.
A7	Ceiling and mirror lights - stateroom 47.
A8	Ceiling and mirror lights - state room 49.
A9	Berth lights - state rooms 41 and 43.
A10	Berth lights - state rooms 45 and 47.
A11	Berth lights - state rooms 47 and 49.
A12	Convenience receptacles - Port Officers staterooms.
A13	
A14	Outside lights - Prom. Deck house front.
A15	General lights - Fan rooms #2 and #3.
A16	
A17	
A18	

GENERAL LTG. PANEL F113 - TROOP OFFICERS QUARTERS, PROM DECK, FR. 75-76, STBD.

CIRCUIT NO.

F113-A1	General Lights - Stbd passage Fwd.
A2	General Lights - Stbd Passage, Aft.
A3	Receptacles - Stbd Passage.
A4	Ceiling and mirror lights - stateroom 42.
A5	Ceiling and mirror lights - stateroom 44.
A6	Ceiling and mirror lights - stateroom 46.
A7	Ceiling and mirror lights - stateroom 48.
A8	Ceiling and mirror lights - stateroom 50.
A9	Berth lights - staterooms 42 and 44.
A10	Berth lights - staterooms 46 and 48.
A11	Berth lights - staterooms 48 and 50.
A12	Convenience receptacles - Stbd. Officers Staterooms.
A13	
A14	
A15	
A16	

GENERAL LTG. PANEL F120 - COOKS' QUARTERS, "B" DECK, FR. 127, CENTER.

CIRCUIT NO.

F120-A1	Ceiling and mirror lights - state rooms 99 and 101.
A2	Ceiling and mirror lights - state rooms 98 and 100.
A3	Berth lights - staterooms 99 and 101.
A4	Convenience Receptacles - Cooks' quarters, Fr. 118-130, P&S.
A5	General Lights - Passages - Frame 118-130 - P&S.
A6	Berth Lights - Staterooms 98 - 100.
A7	General Lights - F.O. Filling Stations, Locker & Elevator, P&S.
A8	Bracket Fans & Passage receptacles - Fr. 118-130. P&S.
A9	
A10	

GENERAL LTG. PANEL F121 - HOLD #4, "C" DECK, FR. 83, CENTER.

CIRCUIT NO.

F121-A1	General Lights - Troops berthing - Fwd P&S.
A2	General Lights - Troops berthing - Center, FWD.
A3	General Lights - Troops berthing - Port Fwd.
A4	General Lights - Troops berthing - Center aft.
A5	General Lights - Troops berthing - Port Aft.
A6	General Lights - Troops berthing - stbd aft.
A7	Receptacles - Troops berthing - At fwd and aft pillars.
A8	General Lights - Troops berthing - Stbd and fwd.
A9	
A10	

GENERAL LTG. PANEL F122 - FIRST CLASS DINING ROOM, PROM DECK, FR B26, STBD.

CIRCUIT NO.

F122-A1	Ceiling lights, port, outboard, fr. 107-109.
A2	Ceiling Lights, stbd, outboard, Fr. 107-111.
A3	Ceiling Lights, port, outboard, fr. 111-114.
A4	Ceiling lights, stbd, outboard, fr. 114-117.
A5	Ceiling lights, port, outboard, fr. 116-120
A6	Ceiling lights, stbd, outboard, fr. 120-126.
A7	Ceiling lights, port, outboard, fr. 122-126.
A8	Ceiling Lights, stbd, inboard, fr. 107-114.
A9	Ceiling lights, port, inboard, fr. 107-114.
A10	Ceiling lights, stbd, inboard, fr. 117-124.
A11	Ceiling lights, port, inboard, fr. 117-124.
A12	Ceiling Lights, centerline, fr. 107-114.
A13	Ceiling lights, centerline, fr. 117-124.
A14	Ceiling Lights, Post exchange.
A15	General lights, Stair cases, fr. 127-130 & Fr. 122-127, Stbd.
A16	Showcase lights, Post exchange.
A17	Bracket Fans - First Class dining room, P&S.
A18	Convenience receptacles - first class dining room, P&S.
A19	Table receptacles, First class dining room, port.
A20	Table receptacles, First class dining room, stbd.
A21	
A22	

GENERAL LTG. PANEL #F123, FIRST CLASS LOUNGE, PROM DECK, FR. E03, PORT.

CIRCUIT NO.

F123-A1	Ceiling Lights, port, fr. 89-92.
A2	ceiling lights stbd, fr. 89-92.
A3	Ceiling lights, Port, fr. 93-95.
A4	Ceiling lights, stbd, fr. 93-95.
A5	Ceiling lights, port, fr. 96-98.
A6	Ceiling lights, stbd, fr. 96-98.
A7	Ceiling lights, exits, port.
A8	Ceiling lights, exits, stbd.
A9	General lights, lockers & accesses. P&S.
A10	General lights, fan rooms #4 and #5.
A11	Bracket fans - First class lounge, P&S.
A12.	Outside receptacles, Port.
A13	Outside receptacles, Stbd.
A14	Convenience receptacles, 1st Class lounge, P&S.
A15	
A16	

GENERAL LTG. PANEL F124 - CREW'S QUARTERS, "B" DECK, FR. 146, CENTER.

CIRCUIT NO.

F224-A1	Ceiling and mirror lights - Staterooms 109, 111, 113.
A2	Ceiling and mirror lights - staterooms 108, 110, 112.
A3	Ceiling and mirror lights - staterooms 103, 105, 107.
A4	Ceiling and mirror lights - staterooms 102, 104, 106.
A5	Berth lights, staterooms 103-113 inclusive, port.
A6	Berth lights, staterooms 103-112 inclusive, stbd.
A7	Berth lights, staterooms 103-113 inclusive Port.
A8	Berth lights, staterooms 106-108, 110-112, Stbd.
A9	General lights, passages, fr. 130-146, P&S.
A10	Passage receptacles - Fr. 130-146 P&S.
A11	Convenience receptacles, port staterooms, fr. 130-146.
A12	Convenience receptacles, stbd staterooms, fr. 130-146.
A13	Bracket fans - Crew's Staterooms, fr. 130-146, P&S.
A14	
A15	
A16	

GENERAL LTG. PANEL F125 - CREW'S QUARTERS, "B" DECK, FR. 114-115, PORT.

CIRCUIT NO.

F125-A1 Ceiling and mirror lights - State rooms 89, 91, 93.
A2 General lights, passages, Fr. 102-118, P&S.
A3 Ceiling and mirror lights - staterooms 93, 95, 97.
A4 Ceiling lights, - P.O. Mess Room.
A5 Berth lights, staterooms 91 - 97 inclusive, Port outboard.
A6 Ceiling lights, crew's mess, outboard.
A7 Passage receptacles, fr. 102-118, port.
A8 Ceiling lights, crew mess, inboard, locker, & slop chest.
A9 Table receptacles - crew's and P.O.'s mess rooms.
A10 Convenience receptacles - crew's and P.O.'s mess rooms.
A11 Berth lights, state rooms 89-95, inclusive port, inboard.
A12 Passage receptacles, fr. 102-118, stbd and athwartship.
A13 Convenience receptacles, port staterooms, fr. 102-118.
A14 Bracket fans - crew's quarters, frl. 102-118, P&S.
A15
A16

GENERAL LIGHTING PANEL F126 - ARMY N.C. OFFICERS & CREW, "A" DECK, FR. 141-142, PORT.

CIRCUIT NO.

F126-A1 General lights, - passages, fr. 130-158, port.
A2 General lights, - passages, fr. 146-172, port.
A3 Ceiling and mirror lights, stateroom 65.
A4 Ceiling and mirror lights, stateroom 67.
A5 Ceiling and mirror lights, stateroom 69.
A6 Ceiling and mirror lights, stateroom 71.
A7 Ceiling and mirror lights, stateroom 73, 75, 77.
A8 Ceiling and mirror lights, staterooms 79 to 83 inclusive.
A9 Ceiling and mirror lights, staterooms 85-87.
A10 Berth lights, staterooms 65-67.
A11 Berth lights, staterooms 69-71.
A12 Berth lights, staterooms 73, 75, 77.
A13 Berth lights, staterooms 79 to 87 inclusive.
A14 Berth lights, staterooms 81, 83, 85, 87.
A15 Bracket fans - staterooms 65 to 87 inclusive.
A16 Passage receptacles - fr. 130-173, port.
A17 Convenience receptacles - staterooms 65 to 77 inclusive.
A18 Convenience receptacles - staterooms 79-87 inclusive.
A19
A20
A21
A22

GENERAL LTG. PANEL F127 - TROOP OFFICERS QUARTERS, "A" DECK FR. 105-106, PORT.

CIRCUIT NO.

F127-A1 General lights - port passage, fr. 82-98.
A2 General lights, - port passage, fr. 98-114.
A3 Ceiling and mirror lights - stateroom 65.
A4 Ceiling and mirror lights - stateroom 67.
A5 Ceiling and mirror lights, stateroom 69.
A6 Ceiling and mirror lights - stateroom 71.
A7 Ceiling and mirror lights, - staterooms 73, 75, 77.
A8 Ceiling and mirror lights - staterooms 79, 81, 83.
A9 Ceiling and mirror lights - staterooms 85-87.
A10 Berth lights - Staterooms 65 to 67.
A11 Berth lights - Staterooms 69 to 71.
A12 Berth lights - staterooms 73, 75, 77.
A13 Berth lights, - staterooms 79 to 87 inclusive.
A14 Berth lights - staterooms 81, 83, 85, 87.
A15 Bracket fans - staterooms 65 to 87 inclusive.
A16 Passage receptacles, - fr. 130-173.
A17 Convenience receptacles - staterooms 65 to 77 inclusive.
A18 Convenience receptacles - staterooms 79 to 87 inclusive.
A19
A20
A21
A22

GENERAL LTG. PANEL F128 - ARMY N.C. OFFICERS AND CREW, "A" DECK, FR. 146-147, STBD.

CIRCUIT NO.

F128-A1 General lights - passages, Fr. 130-158, stbd.
A2 General lights - passages, Fr. 148-173.
A3 Ceiling and mirror lights - stateroom 66.
A4 Ceiling and mirror lights - stateroom 68.
A5 Ceiling and mirror lights - stateroom 70.
A6 Ceiling and mirror lights - stateroom 72.
A7 Ceiling and mirror lights - staterooms 74, 76, 78.
A8 Ceiling and mirror lights - staterooms 80, 82, 84.
A9 Ceiling and mirror lights - staterooms 86 to 88.
A10 Berth lights - staterooms 86 and 88.
A11 Berth lights - staterooms 70 and 72.
A12 Berth lights - staterooms 74, 76, & 78.
A13 Berth lights - staterooms 80 to 88 inclusive.
A14 Berth lights - staterooms 82, 84, 86, & 88.
A15 Bracket fans - staterooms 66 to 88 inclusive.
A16 Passage receptacles - Fr. 130 - 173, stbd.
A17 Convenience receptacles - staterooms 66 to 78 inclusive.
A18 Convenience receptacles - staterooms 80 to 88 inclusive.
A19
A20
A21
A22

GENERAL LTG. PANEL F129 - WBOOP OFFICERS QUARTERS, "A" DECK, FR. 105-106, STBD.

CIRCUIT NO.

F129-A1 General lights - stbd passage, Fr. 82-100.
A2 General lights - stbd passage, Fr. 104-117.
A3 General lights - stbd passage, Fr. 117-130.
A4 Passage receptacles - Fr. 82-130, stbd.
A5 Ceiling lights - Stateroom #52.
A6 Ceiling Lights - Stateroom #54.
A7 Mirror lights - Staterooms #52, #54, & #56.
A8 Ceiling and mirror lights - stateroom #56.
A9 Ceiling and mirror lights - stateroom #58.
A10 Ceiling and mirror lights - stateroom #60.
A11 Ceiling and mirror lights - stateroom #62.
A12 Ceiling and mirror lights - stateroom #64.
A13 Berth lights - staterooms #52 & #54.
A14 Berth lights - staterooms #54, #56, & #58.
A15 Berth lights - staterooms #58 and #60.
A16 Berth lights - staterooms #62 and #64.
A17 Bracket fans - staterooms #52 to #64 inclusive.
A18 Convenience receptacles - staterooms #52 to 64 inclusive.
A19
A20
A21
A22

GENERAL LTG. PANEL F130 - 2nd CLASS DINING ROOM, FROM. DECK, FR. PORT

CIRCUIT NO.

F130-A1 Ceiling lights - 2nd class dining room, Fr. 145-148.
A2 Ceiling lights - 2nd class lounge & Post exchange, Fr. 143-145.
A3 Ceiling lights - 2nd class dining room, Fr. Fr. 150-151.
A4 Ceiling Lights - 2nd class lounge, Fr. 146-149.
A5 Ceiling lights - 2nd class dining room, Fr. 153-156.
A6 Ceiling lights - 2nd class lounge, Fr. 151-153.
A7 Ceiling lights - 2nd class dining room at exits.
A8 Ceiling lights and showcase lights - 2nd class lounge, Fr. 156 & 144.
A9 Convenience receptacles - 2nd class dining room and lounge.
A10 Receptacles(table) - 2nd class dining room.
A11 Bracket fans - 2nd class dining room & lounge.
A12
A13
A14

GENERAL LTG. PANEL F140 - OFFICERS MESSSES & QUARTERS, BOAT DECK, Fr. 117 Port.

CIRCUIT NO.

F140-A1 Ceiling, mirror & berth lights - stateroom #31.
A2 Ceiling lights - senior officers mess.
A3 Ceiling lights - Junior officers mess, Fwd.
A4 Ceiling lights - Junior officers mess, Aft.
A5 General lights - port passages, Fr. 106-127.
A6 Convenience and table receptacles - Fr. 106-125.
BF Bracket fans - Officers mess rooms.
A8

GENERAL LTG. PANEL F141 - CREW'S QUARTERS RWD, BOAT DECK, FR. 94-95 PORT.

CIRCUIT NO.

F141-A1 Ceiling and mirror lights - staterooms #17 and #21.
A2 Ceiling and mirror lights - staterooms #23 & #25.
A3 Ceiling and mirror lights - staterooms #27 & #29.
A4 Ceiling and mirror lights - stateroom #19 and toilet, Port.
A5 General lights - port passages, Fr. 86-106.
A6 Berth lights - Port staterooms #17 and #21 to #29 inclusive
A7 Ceiling lights - officers lounge.
A8 Convenience receptacles - Fr. 81-102 Port.
A9 Outside receptacles - Boat deck, Fr. 81-154, Port.
A10 Passage receptacles - Fr. 86-102, Port.
A11
A12

GENERAL LTG. PANEL F142 - CREW'S QUARTERS, BRIDGE DECK, FR. 128, STBE.

CIRCUIT NO.

F142-A1 Ceiling and mirror lights - staterooms #7 and #9.
A2 Ceiling and mirror lights - staterooms #8 and #10.
A3 Ceiling and mirror lights - staterooms #11 and #15.
A4 Ceiling and mirror lights - staterooms #12 and #14.
A5 Berth lights - staterooms Fr. 110-130 P&S.
A6 General lights - unassigned rooms, & cleaning gear.
A7 General lights - Fan Room No. 1 and toilets.
A8 General lights - Fan room No. 2.
A9 Passage lights & receptacles - Fr. 110-122, P&S.
A10 Passage lights & receptacles - Fr. 122-130, P&S.
A11 Convenience receptacles - Port staterooms, Fr. 110-130.
A12 Convenience receptacles - Stbd staterooms, Fr. 110-130.
A13
A14

GENERAL LTG. PANEL F143 - CREW'S QUARTERS, FBRDL BOAT DECK, FR. 94-95, PORT.

CIRCUIT NO.

F143-A1 Ceiling lights - staterooms #18 and #20.
A2 Ceiling lights & mirror lights - staterooms #18 and #22.
A3 Ceiling lights & mirror lights - staterooms #24 and #26.
A4 Ceiling and mirror lights - staterooms #28 and #30.
A5 Ceiling and mirror lights - staterooms #32.
A6 General lights - stbd passage, fr. 86-106.
A7 Berth lights, stbd staterooms #18 to #32 inclusive.
A8 Convenience receptacles - Fr. 81 to 110, stbd.
A9 Outside receptacles - Fr. 81-154, stbd.
A10 Passage receptacles - Fr. 86-102, stbd.
A11
A12

GENERAL LTG. PANEL F145 - CAPTAIN'S QUARTERS, BRIDGE DECK, FR. 92 CENTER.

CIRCUIT NO.

F145-A1 General lights - passages, Fr. 86-92, P&S.
A2 General lights - passages, Fr. 92-102, P&S.
A3 Ceiling and mirror lights - stateroom #3 and toilet.
A4 Ceiling, mirror, & berth lights - stateroom #4.
A5 Ceiling and mirror lights - stateroom #2 and toilet.
A6 Ceiling and deck lights - stateroom #6 and locker.
A7 Ceiling lights - Stateroom #1; berthlight #3.
A8 Ceiling lights - wheelhouse.
A9 Outside lights - Bridge & Nav. Bridge decks, Port, (Hulls 268-270 only)
A10 Outside lights - Bridge & Nav. Bridge decks, Stbd, (Hulls 268-270 only)
A11 Convenience receptacles - staterooms, Bridge deck, Fwd.
A12 Outside receptacles - Bridge deck, stbd, Fwd and aft.
A13 Outside receptacles - Bridge deck, port, Fwd and aft.
A14
A15
A16

BATTLE LTG. PANEL FB100 - SEC #1, HOLD #6, "A" DECK, FR. 182, PORT.

CIRCUIT NO.

FB100-A1 Red lights - troops berthing, "A" Deck, Port.
A2 Red lights - troops berthing, "A" Deck, Stbd.
A3 Red lights - troops berthing, "B" Deck, port.
A4 Red lights - troops berthing, "B" Deck, stbd.
A5 Red lights, - troops berthing, "C" Deck, port.
A6 Red lights, - troops berthing, "C" Deck, stbd.
A7 Drinking fountains - troops berthing - "A" Deck, P&S.
A8 Drinking fountains - troops berthing - "B" Deck, P&S.
A9 Drinking fountains - troops berthing - "C" Deck, P&S.
A10
A11
A12.

BATTLE LTG. PANEL FB100 - SEC #2, HOLD #5, "B" DECK, FR. 182, STBD.

CIRCUIT NO.

FB100-A13 Red lights - troops cafeteria - "B" Deck, port.
A14 Red lights - troops cafeteria - "B" Deck, stbd.
A15 Red lights - troops cafeteria, "C" deck, port.
A16 Red lights - troops cafeteria, "C" Deck, stbd.
A17 White lights - suillery, "B" Deck, stbd.
A18 White lights - steam tables, "B" Deck, P&S.
A19 Bracket fans - troops cafeteria, "B" Deck P&S.
A20 Drinking fountain, "B" Deck.
A21 Drinking fountain, "C" Deck.
A22
A23
A24

BATTLE LTG. PANEL FB101 - PROM DECK, AMM HANDLING ROOM, FR. 43, PORT.

CIRCUIT NO.

FB101-A1 Red lights - Fan & amm. handling room, prom deck, Fr. 36-43, P&S.
A2 White lights - Controller room, Prom deck, Fr. 40-43, Port.
A3 Magazine lights - 3 handling rooms, prom deck, Fr. 36-43, P&S.
A4 Magazine lights - amm. magazines, hold #1, below "C" Deck.
A5 Receptacles - 5-inch gun mounts, housetop, Fwd.
A6
A7
A8 Circulating fan - capenter shop, prom deck, Fwd.
A9 Anchor windlass heaters, resistor, room, Prom deck, Fwd.
A10
A11
A12.

BATTLE LTG. PANEL FB102 - HOLD #7 - "A" DECK, FR. 194, STBD.

CIRCUIT NO.

FB102-A1 Red lights - troops berthing - "A" Deck, Port.
A2 Red lights - Troops berthing - "A" Deck, Stbd.
A3 Red lights - Troops berthing - "B" Deck, P&S.
A4 Red lights - troops berthing - "C" Deck, P&S.
A5 White lights - Aft winch resistor house, Prom deck.
A6 White lights - troops shower & washroom, "B" Deck.
A7 White lights - troops toilets & washroom, "B" Deck.
A8 Drinking fountains - "A" Deck, P&S.
A9 Drinking fountains - "B" Deck, P&S.
A10 Drinking fountains - "C" Deck, P&S.
A11 Winch Panels Nos. 7&8 heater bus - Aft winch resistor house.
A12 Winch panel Nos. 9 and 10 heater bus - Aft winch resistor house.
A13 Winch panel Nos. 11 and 12 heater bus - aft winch resistor house.
A14 Receptacles - Aft winch resistor room, fan rooms, & house top.
A15
A16

BATTLE LTG. PANEL FB103 - SEC. #1 - HOLD #2 - "A" DECK, FR. 56, PORT.

CIRCUIT NO.

FB103-A1 Red lights - troops berthing - "A" Deck, port.
A2 Red lights - troops berthing - "A" Deck, stbd.
A3 Red lights - troops berthing - "B" Deck, P&S.
A4 Red lights - troops berthing - "C" Deck, P&S.
A5 White lights - troops shower, "B" Deck, centerline.
A6 Drinking fountains - "A" Deck, P&S.
A7 Drinking fountains - "B" Deck, P&S.
A8 Drinking fountains - "C" Deck, P&S.
A9
A10

BATTLE LTG. PANEL FB103 - SEC. #2 - HOLD #1, "A" DECK, FR. 36, STBD.

CIRCUIT NO.

FB103-A11 Mirror lights - troops washroom, "A" Deck, stbd.
A12 White lights - troops washrooms - "A" Deck, P&S.
A13 White light - Fan room - "A" Deck, P&S.
A14 White lights - Troops toilet, "A" Deck, P&S.
A15 White lights - Troops washroom, "B" Deck, P&S.
A16 White lights - troops toilet - "B" Deck, P&S.
A17 Mirror lights - troops washroom, "B" Deck, P&S.
A18 Drinking fountain - Guards quarters, "C" Deck.
A19 Red lights - guards quarters - "C" Deck.
A20
A21
A22

BATTLE LTG. PANEL FB104 - STERN - "A" DECK, FR. 211 STBD.

CIRCUIT NO.

FB104-A1 Magazine lights - amm. handling room under #3 5" gun.
A2 Red lights - stairs, fr. 210, Prom., "A" Deck house.
A3 White lights - capstan room, "A" Deck.
A4 White lights - toilet & stores, "A" deck, port.
A5 White lights - toilet & stores, "A" deck centerline.
A6 White lights - toilet & stores, "A" deck, stbd.
A7 White lights - toilet & washroom, "B" deck.
A8 Mirror lights - Washroom, "B" deck.
A9 Receptacles - Stern spaces, "B" and "C" decks.
A10 White lights - Steering gear room, "C" Deck.
A11 Capstan heaters, capstan room, "A" Deck.
A12 Circulating fans - Steering gear room, "C" Deck.
A13 Receptacles - #3 & #4 5" gun locations.
A14 Exhaust fan - Prom deck, Hatch #7, Aft.
A15
A16
A17
A18

BATTLE LTG. PANEL FB105 - SEC. #1 - HOLD #3 - "A" DECK, FR. 66, STBD.

CIRCUIT NO.

FB105-A1 Red lights - gunners berthing & mess, "A" deck.
A2 Red lights - troops berthing, "B" Deck, Stbd.
A3 Red lights - troops berthing - "B" Deck, port.
A4 Red lights - troops berthing - "C" Deck, P&S.
A5 White lightstoilets & washrooms - "B" deck.
A6 White lights - scullery, "B" Deck.
A7 Drinking fountains - "A" Deck, stbd.
A8 Drinking fountains - "A" Deck, port.
A9 Drinking fountains - "B" Deck, P&S.
A10 Drinking fountains - "C" Deck, P&S.
A11 Bracket fans - gunners mess & CPO qtrs - "A" Deck.
A12
A13
A14

BATTLE LTG. PANEL FB105 - SEC. #2 - HOLD #3 - DRY STORES FLAT, FR. 82, PORT.

CIRCUIT NO.

FB105-A15 White lights - tank top dry stores, Port.
A16 White lights - Loading spaces, stores flat & tank top.
A17 White lights - Dry stores, tank top, stbd.
A18 White lights - Dry stores, stores flat, port.
A19 White lights - Dry stores, stores flat, stbd.
A20 Receptacles - stores flat & tank top.
A21
A22

BATTLE LTG. PANEL FB120 - AUXILIARY MACHINERY FLAT, FR. 123, STBD.

CIRCUIT NO.

FB120-A1 Bulkhead & Bracket lights - Floor, port galley & passage.
A2 Deck lights - Floor, Stbd, gallery, in board.
A3 Deck lights - Floor, port gallery, outboard.
A4 Deck lights - Floor, stbd gallery, outboard.
A5 Deck lights - Floor, port gallery, inboard.
A6 Deck lights - Flat, stbd gallery.
A7 Deck lights - Flat, port gallery, back of evaporators.
A8 Receptacles - Floor & flat, P&S galleries.
A9 Deck & bulkhead lights, Flats; CO2 room, passage, P&S galleries.
A10 Drinking fountain - floor port gallery, Fr. 130.
A11
A12

BATTLE LTG. PANEL FB121 - HOLD #4 - REFRIG. STORES FLAT, FR. 83, CENTERLINE.

CIRCUIT NO.

FB121-A1 Deck lights & Receptacles - Stores, Flat No1, No 2, Refrig Stoes.
A2 Deck lights & Receptacles - Flat & tank top, leading spaces.
A3 Deck Lights - Stores Flat No. 3, Refrigerated stores.
A4 Deck lights & recept. - Tank top No. 9, Refrig. Stoes Fwd.
A5 Deck lights & recept. - Stores Flat, butcher shop, & vestibule.
A6 Deck lights - Tank top, No. 9, Refrig. Stores aft.
A7 Deck lights - stores flat, No. 4 Refrig. Stores.
A8 Deck Lights & recept. - Tank top No. 10 - Refrig. Stores .
A9 Deck lights & recept. - Stores flat, Ice cream rooms.
A10 Deck lights & recept. - Tank top, No. 11 Refrig, Stores Fwd.
A11 Deck lights - Stores flat No. 6 - Refrigerated stoes.
A12 Deck lights - tank top No 11 Refrigerated stores.
A13 Receptacles - Stoes flat, No. 3, Refrig. Stores.
A14
A15
A16

BATTLE LTG. PANEL #FB122 - CREW'S QUARTERS, "B" DECK, FR. 127, CENTERLINE.

CIRCUIT NO.

FB122-A1 White lights - "C" deck, Fr. 118-130 - Port.
A2 White lights - "C" deck, dry stores, Fr. 118-130, Stbd.
A3 White lights - "C" deck, passage & landings, P&S.
A4 Receptacles - "C" deck, P&S.
A5 Red lights - "B" deck, passages, Fr. 102-118, P&S.
A6 Red lights - "B" deck, crew & PO Mess., Fr. 102-118, Stbd.
A7 Red lights - "B" deck, passages Fr. 118-130, P&S.
A8 Red lights - "B" deck, passages Fr. 130-146, P&S.
A9 Drinking fountain - "B" deck, crew's mess Fr. 111.
A10 White lights - "B" deck, Crew's & CPO Pantry, Fr. 106-111, Stbd.
A11
A12
A13
A14 White lights - "B" deck, crew's toilets & showers, fr. 140-145.
A15 White lights - "B" deck, stewards toilets & showers, Fr. 113-118.
A16 White lights - "B" deck, Electric dist. room, control room, & Batt. Rm.
A17 White lights - "B" deck, electric distribution room.
A18
A19
A20

BATTLE LTG. PANEL FB123 - HOLD #4, FR. 103 STBD.

CIRCUIT NO.

FB123-A1 White lights - "B" deck, cafeteria passages, Port.
A2 White lights - "B" deck, cafeteria passages, Stbd.
A3 Red lights - "B" deck, cafeteria passages, P&S.
A4 Receptacles - "B" deck, cafeteria passages P&S.
A5 Red lights - C deck, troops berthing, port.
A6 Red lights - "C" deck troops berthing Stbd.
A7 White lights - "B" deck, galley; Stbd. Serving counter.
A8 White lights - "B" deck, galley; port serving counter.
A9 White lights - "B" deck, galley; steam kettles & bake oven.
A10 White lights - "B" deck, galley; cooking tops, roast ovens, & Bake oven.
A11 White lights - "B" deck, galley; pan racks, dough mixing space.
A12 White lights - "B" deck, galley; cooks dressers, fr. 88.
A13 White lights - "B" deck, galley; baken ovens, pastry room, & bread room.
A14 White lights - "B" deck, galley; cooks & bakers dressers, fr. 94-95.
A15 Drinking fountains - "B" deck, cafeteria, fr. 102 P&S.
A16 Drinking fountains - "C" deck, troops berthing, fr. 82, P&S.
A17 Bracket fans - "B" deck, galley, at pillars.
A18
A19
A20

BATTLE LTG. PANEL FB124 - AFTER ENGINE ROOM FLAT, FR. 134, STBD.

CIRCUIT NO.

FB124-A1 Deck lights - Engine room floor, center & port, L.O. sight glass, ER flat.
A2 Deck lights - Engine room floor, stbd, fwd, & aft.
A3 Deck lights - Engine room floor, center & port, bulkhead lt. ER flat Lab.
A4 Deck lights - Engine room floor, stbd Fwd & Aft.
A5 Bulkhead lights - tank top, stbd & center.
A6 Bulkhead lights - Tank top and floor, Port & Center.
A7 Deck lights - back of boilers & store rooms.
- Boiler engine & evaporator gage boards.
A8 Bracket lights & receptacles - laboratory.
A9 Drinking fountain - generator flat.
A10 Deck lights - workshop.
A11 Deck lights over engine & generators.
A12 Deck lights over port firing aisle & port gallery.
A13 Deck lights - over stbd firing aisle & first grating level, back of boiler.
A14 Deck lights - over generators, engine & port gallery.
A15 Lights and receptacles - boiler casing, "A" & "B" Decks.
A16 Lights and receptacles - boiler casing, port side, "B" deck & above.
A17 Lights & receptacles - boiler casing, stbd side, "B" deck & above.
A18 Detail lights - Overworkshop machine.
A19 Receptacles - Floor, Flat & upper levels.

BATTLE LTG PANEL FB124 (cont'd)

FB124-A20 Receptacles - Boiler flat and upper levels.
A21 Deck lights @ Port shaft tunnel.
A22 Deck lights - stbd shaft tunnel.
A23
A24
A25
A26

BATTLE LTG PANEL FB125 - FWD ENGINE ROOM FLAT - FR. 108, PORT.

CIRCUIT NO.

FB125-A1 Deck lights - engine room floor, port.
A2 deck lights - engine room floor, center & stbd.
A3 Deck lights - engine room floor, port.
A4 Deck lights - engine room floor, center & stbd; L.O. sight glasses, ER Flat.
A5 Bulkhead lights - Tank top and floor, port & center.
A6 Bulkhead lights - tank top and floor, Stbd & center.
A7 Deck lights - Back of boilers and storeroom.
 Bracket lights boiler, engine, evaporator gauge boards.
A8 Bracket lights & receptacles - Laboratory.
A9 Drinking fountain, generator flat.
A10 Deck lights - Electrical workshop, paint room & storeroom
A11 Deck lights - over engine and stbd gallery.
A12 Deck lights - over generators & port firing aisle.
A13 Deck lights - stbd firing aisle, P&S galleries & first grating level,
 Back of boilers.
A14 Deck lights - over generators, engine & stbd gallery.
A15 Lights and receptacles - boiler casing, "G" and "B" decks.
A16 Lights and receptacles - boiler casing, port side, "B" deck & above.
A17 Lights and receptacles - boiler casing, stbd side, "B" deck & above.
A18 Receptacles - boiler casing, "C" deck and above.
A19 Receptacles - engine room floor & flat.
A20 Receptacles - electrical stores & boiler casing.
A21
A22
A23
A24

BATTLE LTG. PANEL FB126 - FIRST AND SECOND CLASS GALLEY, PROM DECK, FR. 133, STBD.

CIRCUIT NO.

FB126-A1 Red lights - 1st class dining room, Port, outboard.
A2 Red lights - 1st class dining room, stbd, outboard.
A3 Red lights - 1st class dining room, inboard & center.
A4 White lights - galley, P&S, Fwd and Aft.
A5 White lights - galley, P&S, Fwd and Aft.
A6 White lights - galley stores, bread room, service pantry & bakery.
A7 White lights - steam kettles, and cold pantry.
A8 White lights - ranges broiler and sautellery.
A9 Red lights - 2nd class dining room.
A10 Red lights - 2nd class lounge.
A11 Bracket fans - galley.
A12 Drinking fountain - 2nd class dining room.
A13 Lights - battle dressing station 2 2nd class dining room.
A14
A15
A16