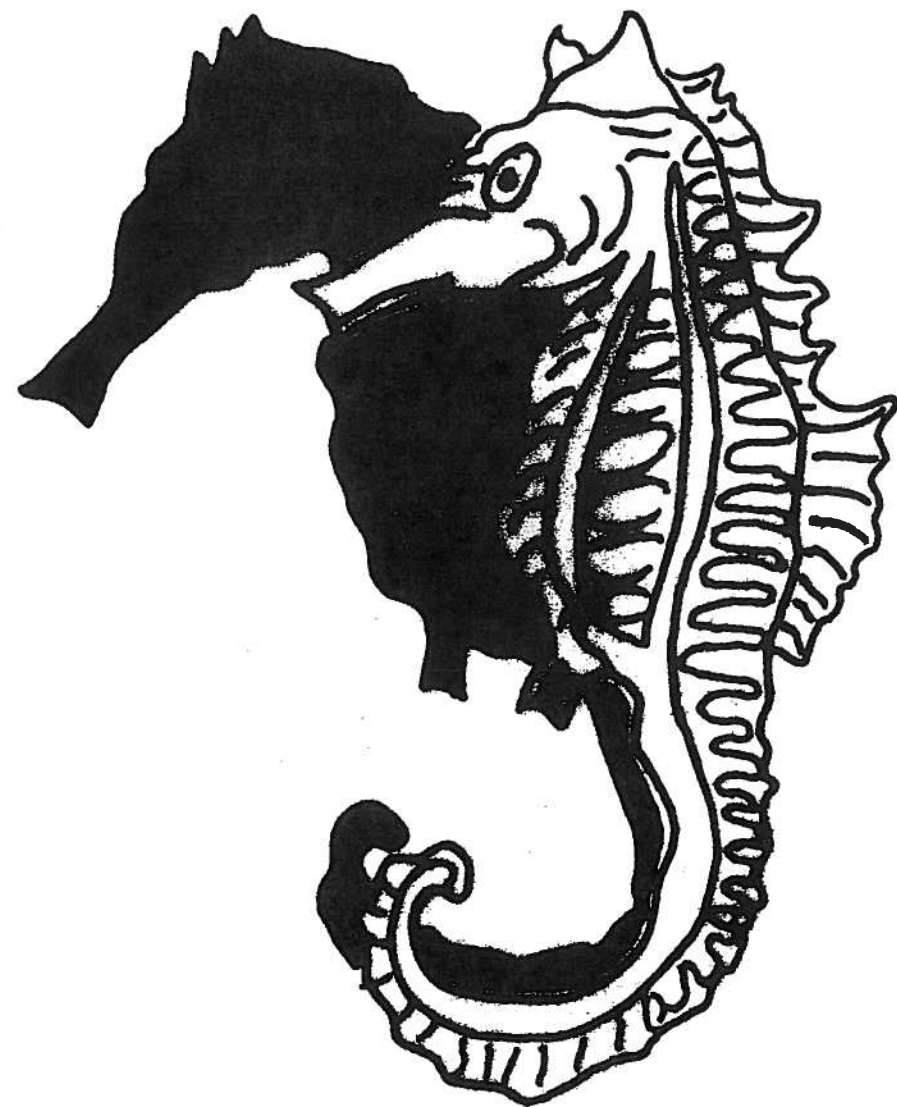
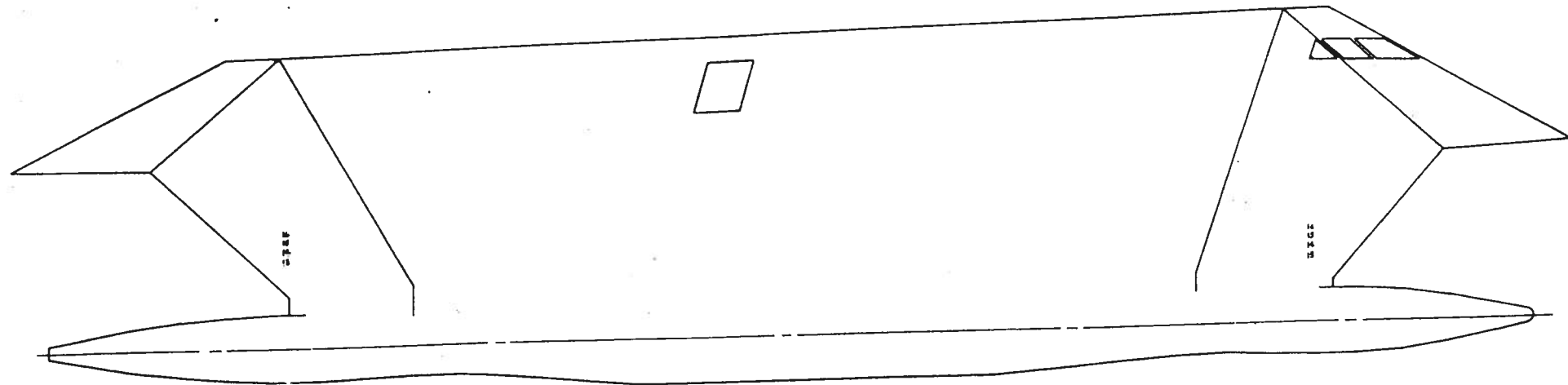


SEA SHADOW



TRAINING AID BOOK

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APVD
	B	DRAWING REVISED IN ITS ENTIRETY TO REFLECT AS BUILT CONFIGURATION FOUND DURING VERIFICATION SHIPCHECK		
ALL	C	DRAWING REVISED TO SUIT CHANGES MADE DURING REACTIVATION AND TEST PHASES. BY L.H.D'AQUINO 2-25-93		



INTERPRET DWG PER MIL - D - 1000 A LEVEL 2		UNLESS OTHERWISE SPECIFIED DIM ARE IN INCHES. TOLERANCES ON: FRACTIONS = ± 1/16 DECIMALS: .X = ± .1 .XX = ± .03 .XXX = ± .010 ANGLES = ± 2 DEG CONTRACT NUMBER	DWN C. A. WRIGHT, JR.	DATE	LOCKHEED MISSILES & SPACE COMPANY, INC. SUNNYVALE, CALIFORNIA			
			CHKR <i>L.H.D. Aquino</i>	9/29/87	TRAINING AID BOOKLET SEA SHADOW			
			ENGRG					
			NAVARCH					
			APVD <i>Washington</i>	9/29/87				
NEXT ASSY	USED ON		APVD		SIZE	CODE IDENT	DRAWING NO	REV
APPLICATION					B		2589000	C
					SCALE		PAGE	OF 19

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	INDEX		2
	GENERAL DATA		4
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300	POWER SYS DISTRIBUTION	2530000	24
300	POWER SYS SCR CONTROL	2530000	25
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SWBS NO	SYSTEM TITLE	REF DWG	PAGE
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HMB-1			
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DRAWING NO		REV
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TANK CAPACITIES

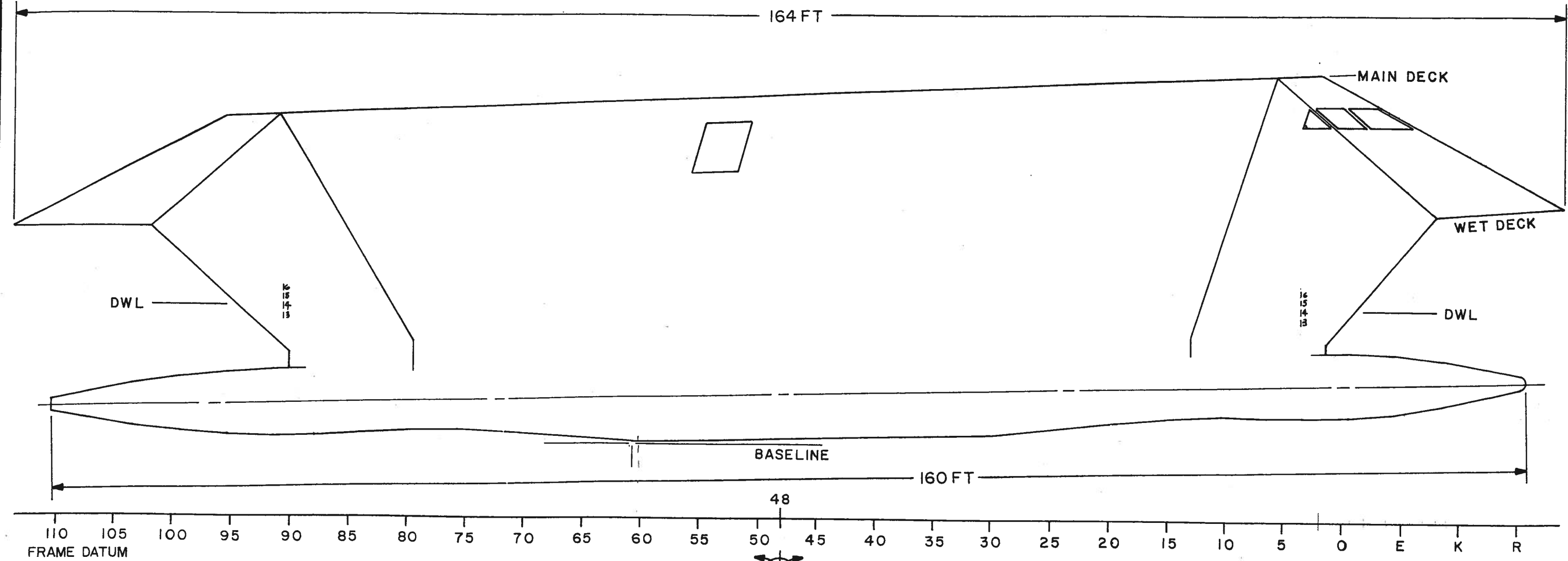
TANK NO	SERVICE	VOLUME CU FT	98% VOL CU FT	GALLONS	WEIGHT (TON)
2-45-1-F	FUEL SERVICE	94.77	92.87	695	2.11
2-45-2-F	FUEL SERVICE	94.77	92.87	695	2.11
5-8-1-F	FUEL TRIM	444.35	435.46	3,258	9.87
5-8-2-F	FUEL TRIM	444.35	435.46	3,258	9.87
5-72-1-F	FUEL TRIM	464.89	455.59	3,408	10.33
5-72-2-F	FUEL TRIM	464.89	455.59	3,408	10.33
5-24-1-W	TRIM/BLST	857.89	840.73	5,975	22.82
5-24-2-W	TRIM/BLST	857.39	840.73	5,975	22.82
5-60-1-W	TRIM/BLST	911.86	893.62	6,351	24.26
5-60-2-W	TRIM/BLST	911.86	893.62	6,351	24.26
6-36-3-F	OILY WASTE	63.39	62.12	441	1.69
4-30-1F	HYD OIL	11.67	11.44	81	0.27
4-30-2-F	HYD OIL	11.67	11.44	81	0.27
3-8-2-W	POTABLE WATER	---	---	200	0.66
3-11-2-W	POTABLE WATER	---	---	200	0.66
2 TANKS	HMB FUEL STOW	---	---	10,000	---

CHARACTERISTICS

LENGTH	163.977 FT
BREADTH	68 FT
DESIGN WATER LINE	14.58 FT ABL
TONS	563.8 INCLUDING 13 TONS MARGIN
NO. OF SCREWS	2
PROPULSION	DIESEL ELECTRIC (SCR CONTROL)
MAX. SPEED	14.3 KNOTS
FUEL CONSUMPTION	72 GAL/HR @ 13 KNOTS (2 ENGINES)
ENDURANCE	1000 MILES @ 10 KNOTS
DESIGN SPEED	13 KNOTS (80% OF SHP)
SHAFT HORSEPOWER	850 HP @ 13 KNOTS
MANNING	6 CREW MEMBERS 4 OBSERVERS
TURNING DIAMETER	850 YDS @ 9 KNOTS
MAX. ELECTRIC LOAD	1124 KW @ 13 KNOTS
MAX. PAYLOAD WEIGHT	30 TONS
PAYLOAD VOLUME	5330 CU FT

GENERAL DATA

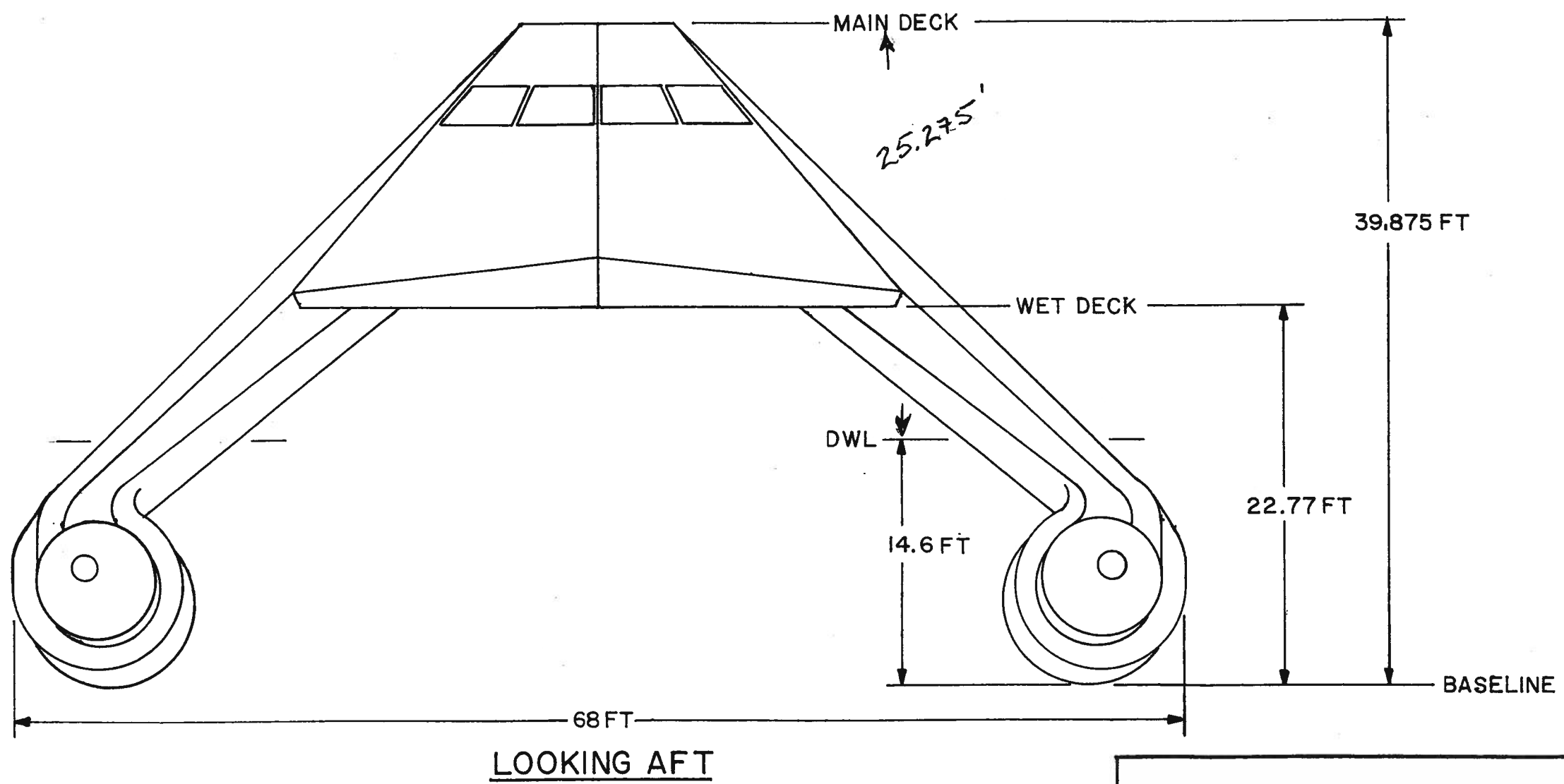
DRAWING NO	2589000	REV	C
SCALE: NONE	SH 1 OF 1	PAGE	4



slope of main DK is 2.5°
 when waterborne



OUTBOARD PROFILE		
DRAWING NO		REV
2589000		C
SCALE: 3/32 = 1'-0"	SH of	PAGE 5

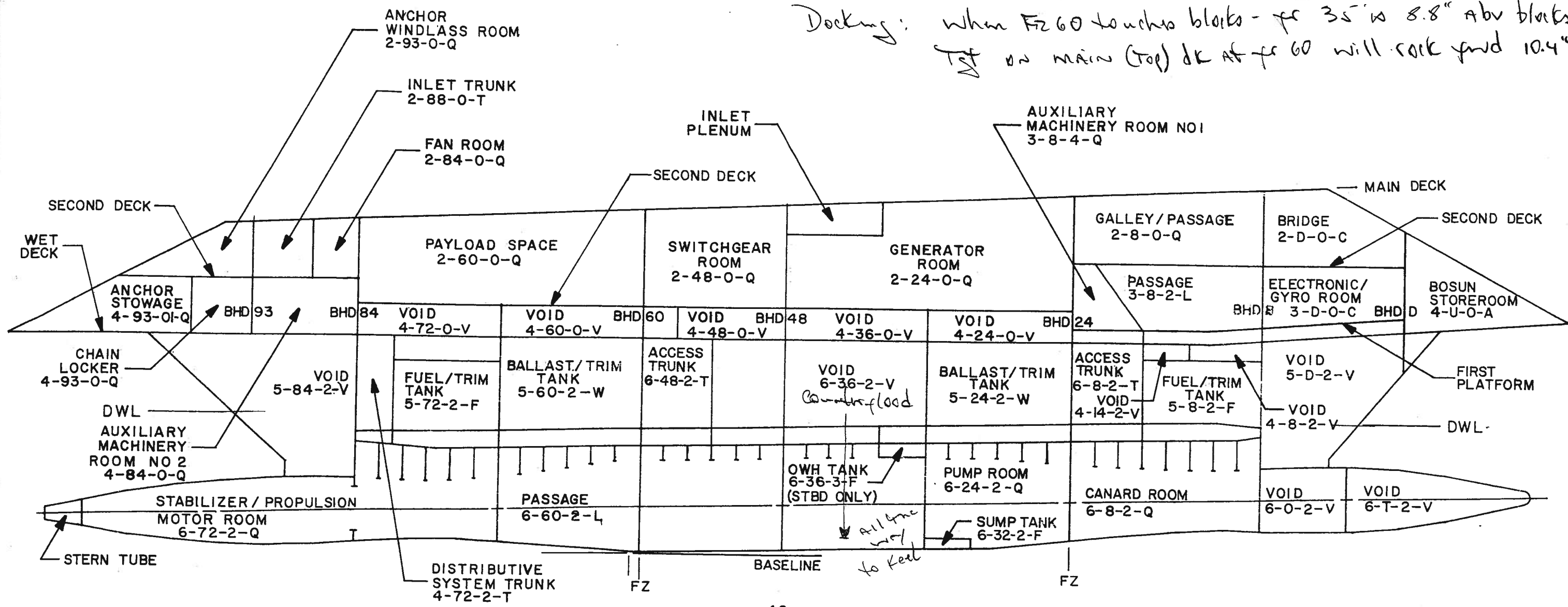


BOW VIEW		
DRAWING NO	2589000	REV C
SCALE: 1/8"=1'-0"	SH OF	PAGE 6

FZ 30-60 = 30 x 15" = 37.5' (450")

FZ 35-60 = 31.25'

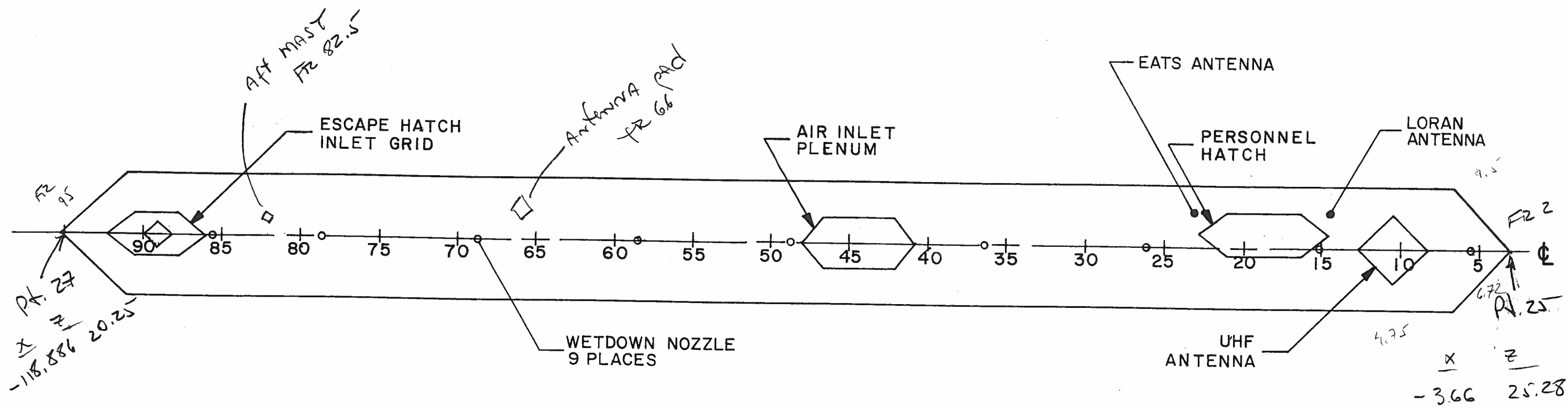
Docking: when FZ 60 touches blocks - for 35" is 8.8" abv blocks.
 If on main (top) dk at fr 60 will rock fwd 10.4"



PORT SHOWN
 STARBOARD OPPOSITE HAND

INBOARD PROFILE

DRAWING NO		REV
2589000		C
SCALE: 3/32" = 1'-0"	SH 1 OF 1	PAGE 7

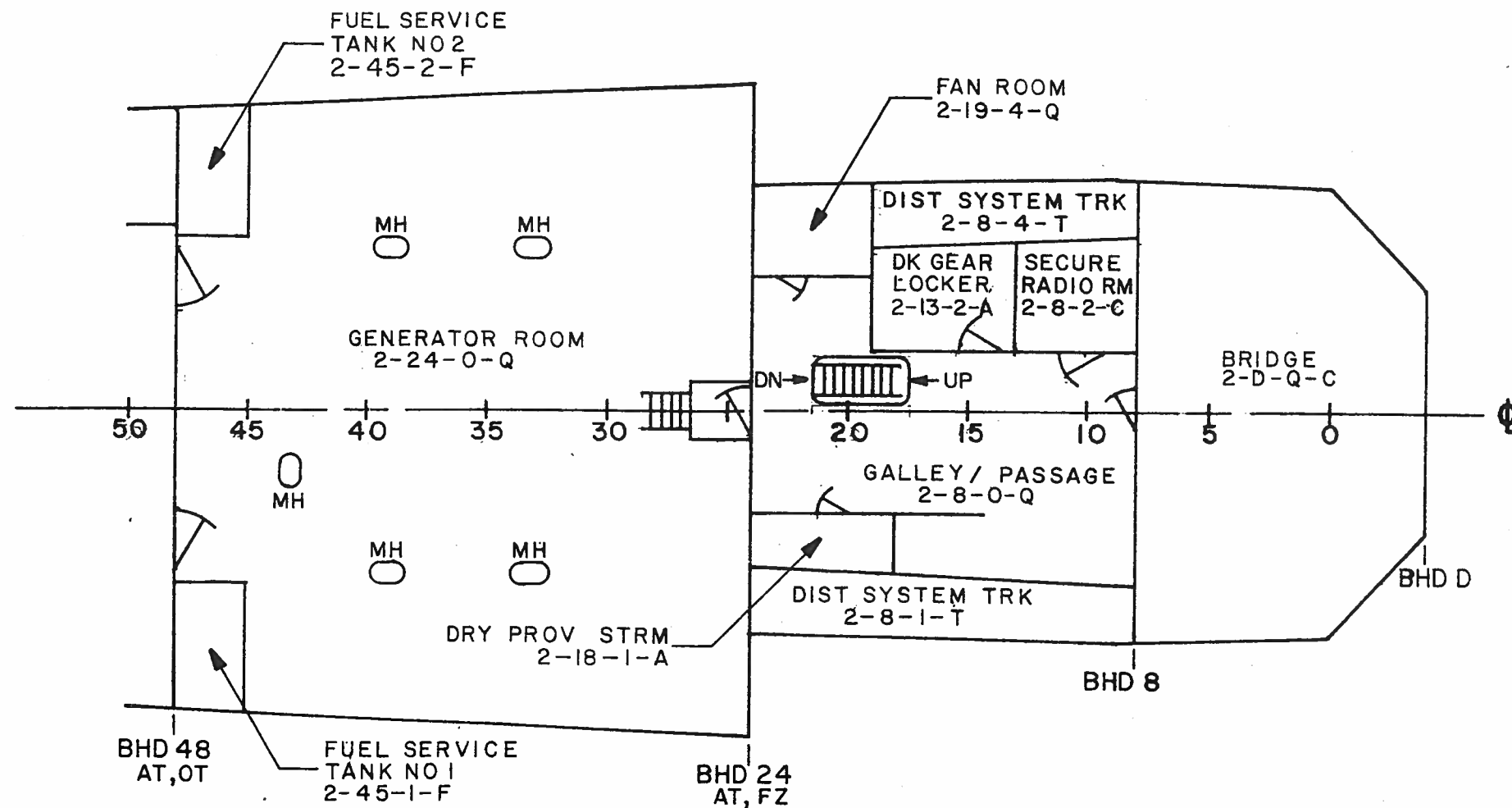


MAIN DECK
115' 3" LOA

slope 0
5' 03"
114.226'
2.50
1/2

x z
-3.66 25.28

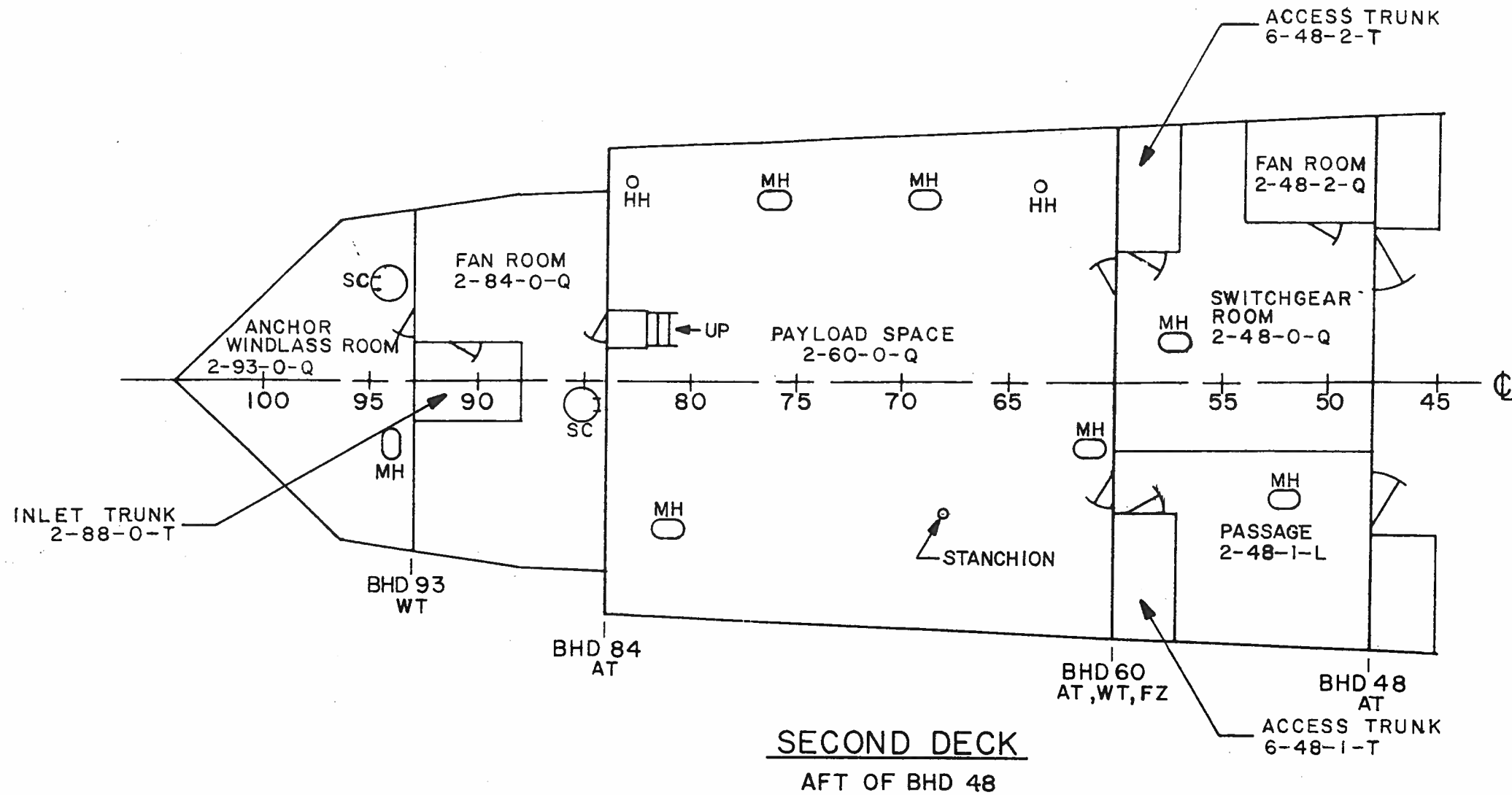
GENERAL PLANS		
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 1 OF 7	PAGE 8



SECOND DECK
FWD OF BHD 48

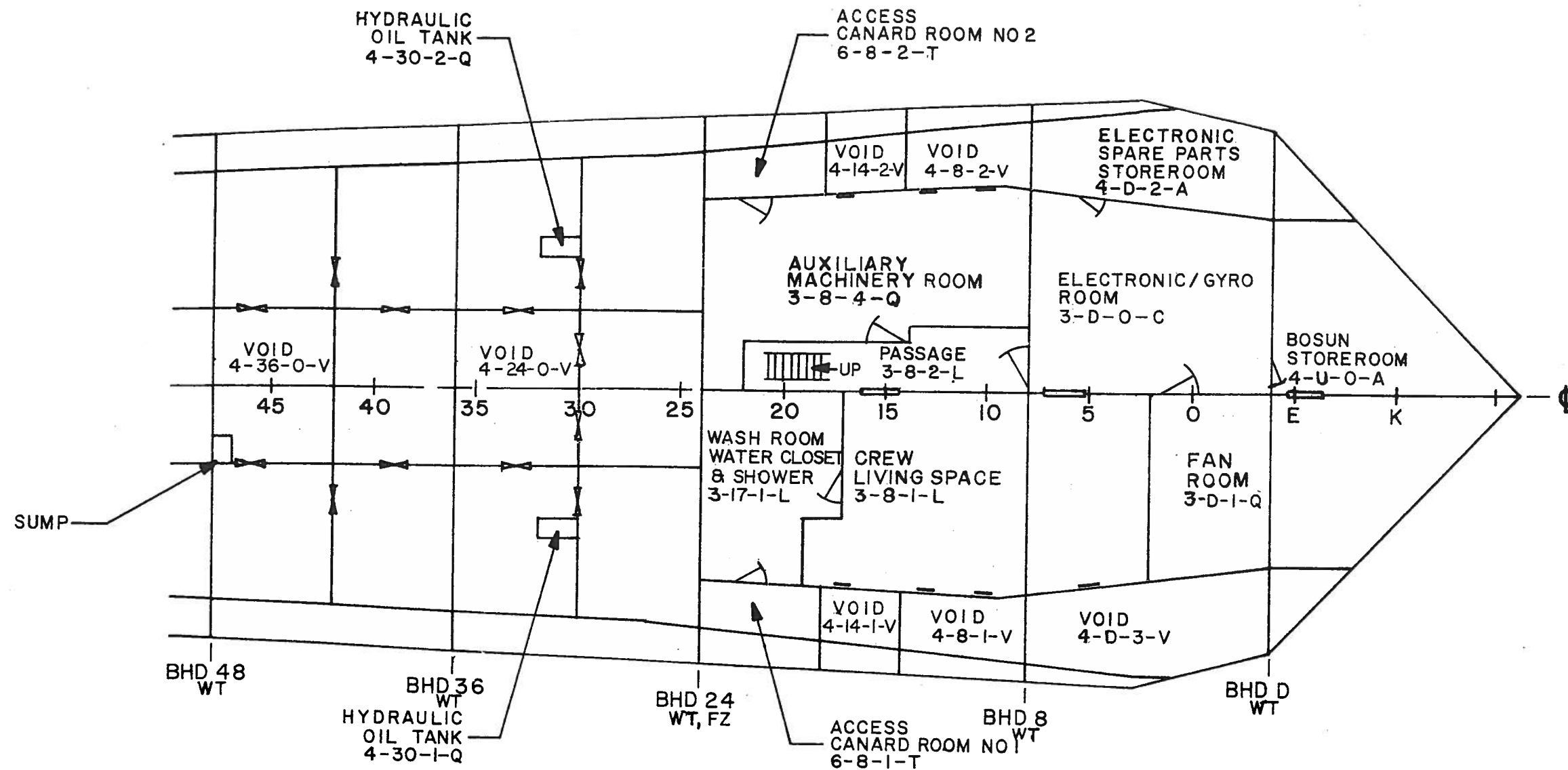
GENERAL PLANS

DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 2 OF 7	PAGE 9



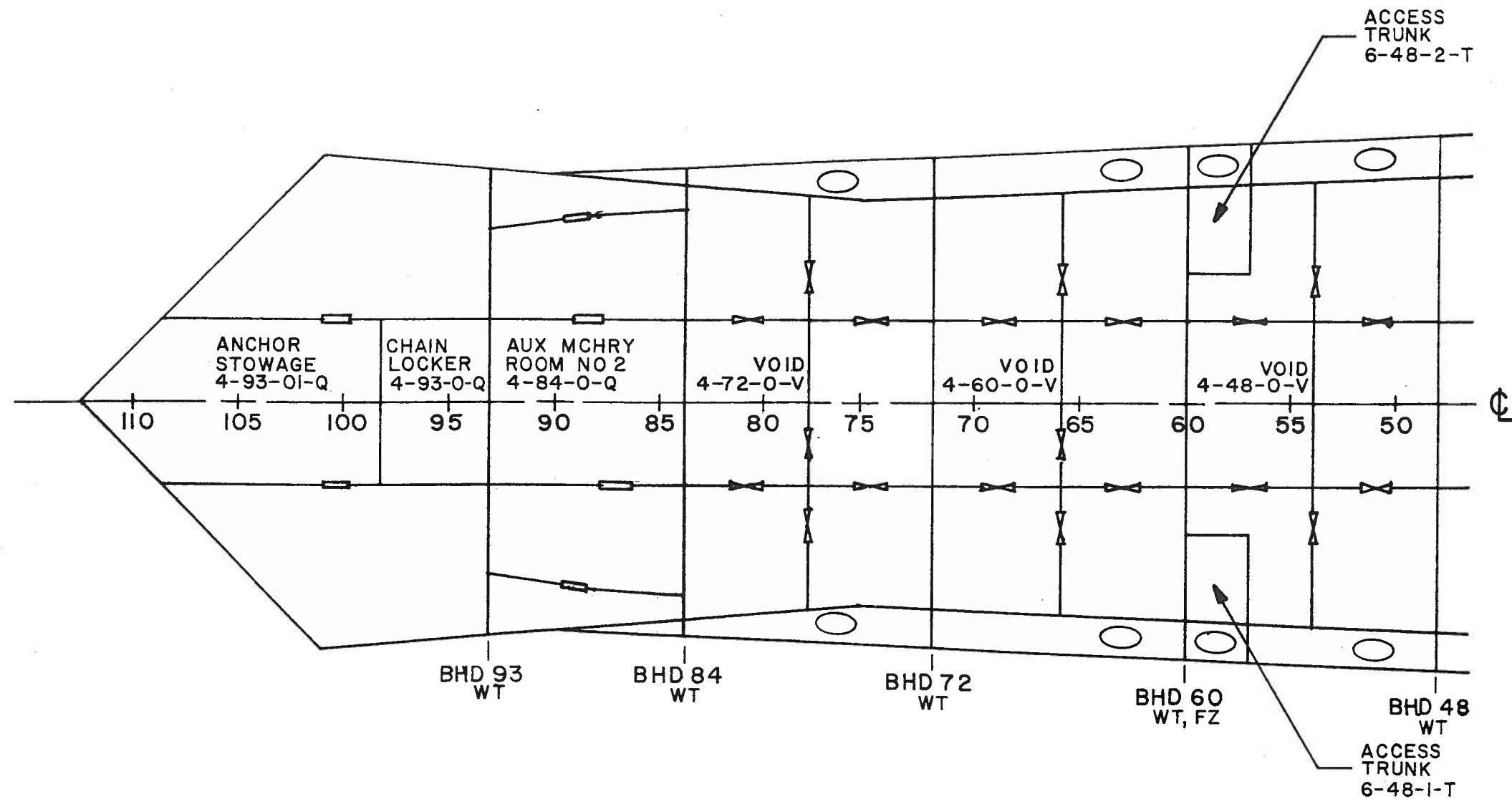
GENERAL PLANS

DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 3 OF 7	PAGE 10



WET DECK
FWD OF BHD 48

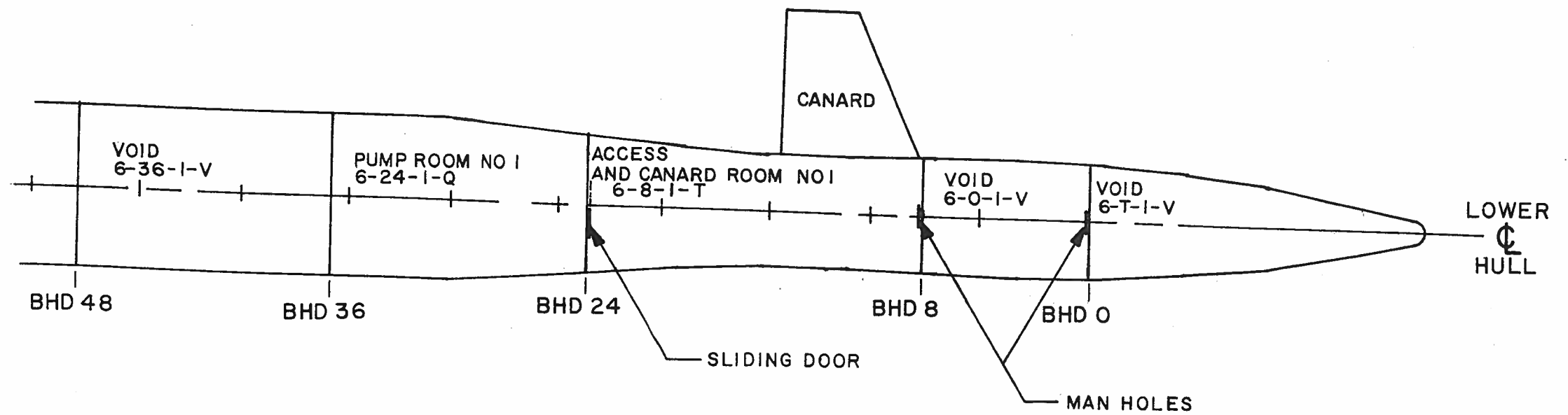
GENERAL PLANS		
DRAWING NO	2589000	REV
		C
SCALE: 1/8" = 1'-0"	SH 4 OF 7	PAGE 11



WET DECK
AFT OF BHD 48

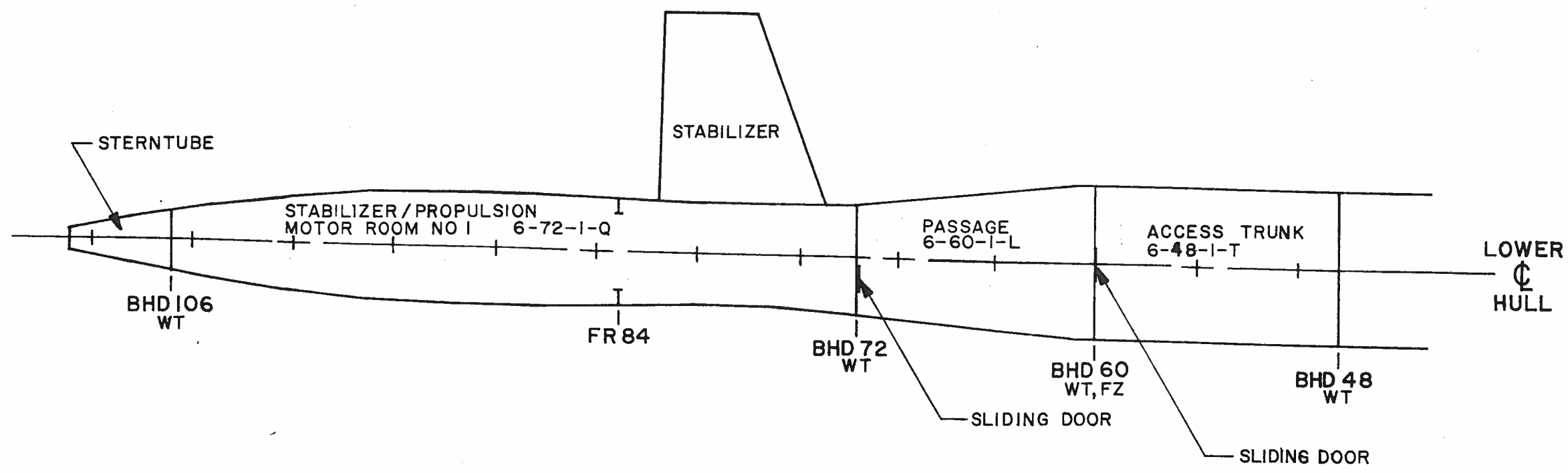
GENERAL PLANS

DRAWING NO		REV
2589000		C
SCALE: 1/8"=1'-0"	SH 5of7	PAGE 12



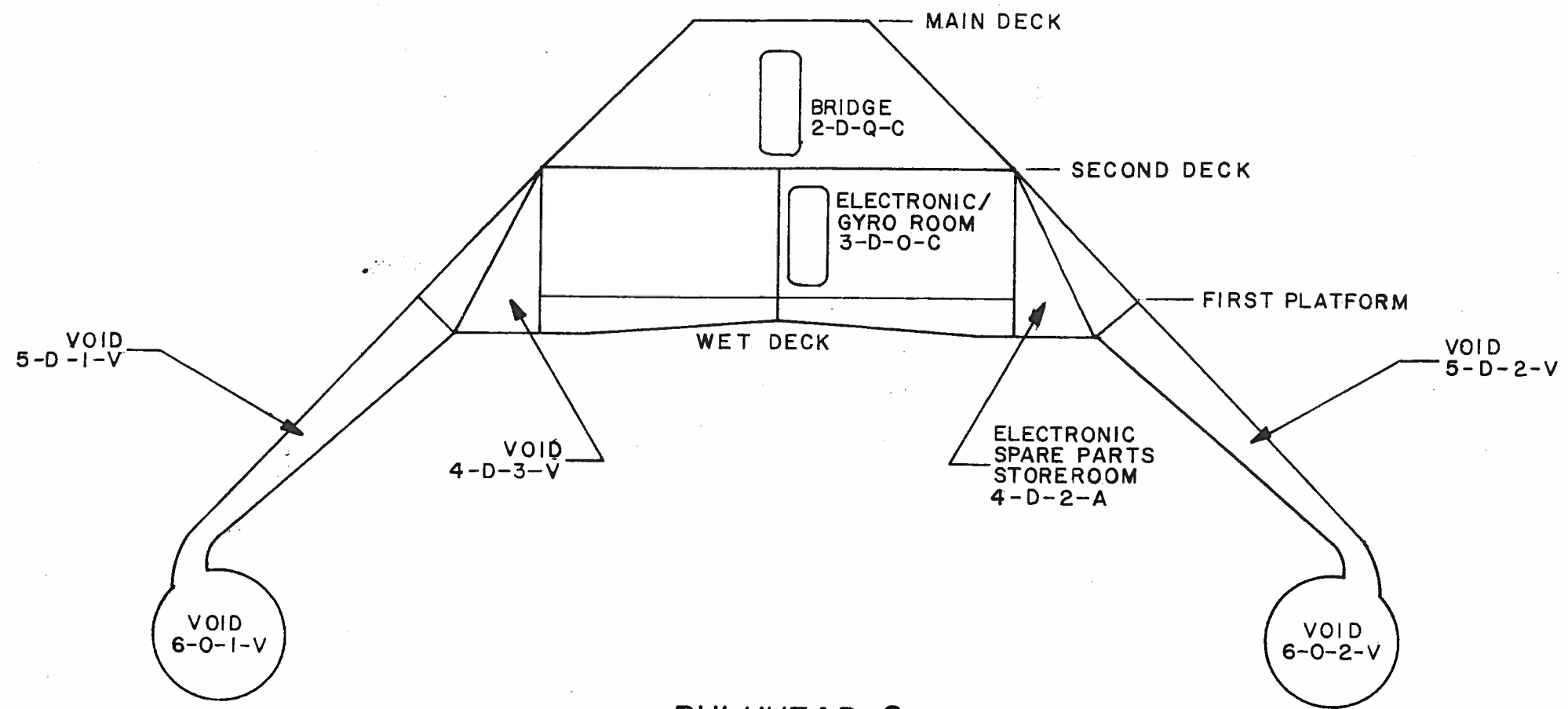
LOWER HULL
 FWD OF BHD 48
 STARBOARD SHOWN
 PORT OPPOSITE HAND

GENERAL PLANS		
DRAWING NO	2589000	REV C
SCALE: 1/8" = 1'-0"	SH 6 of 7	PAGE 13



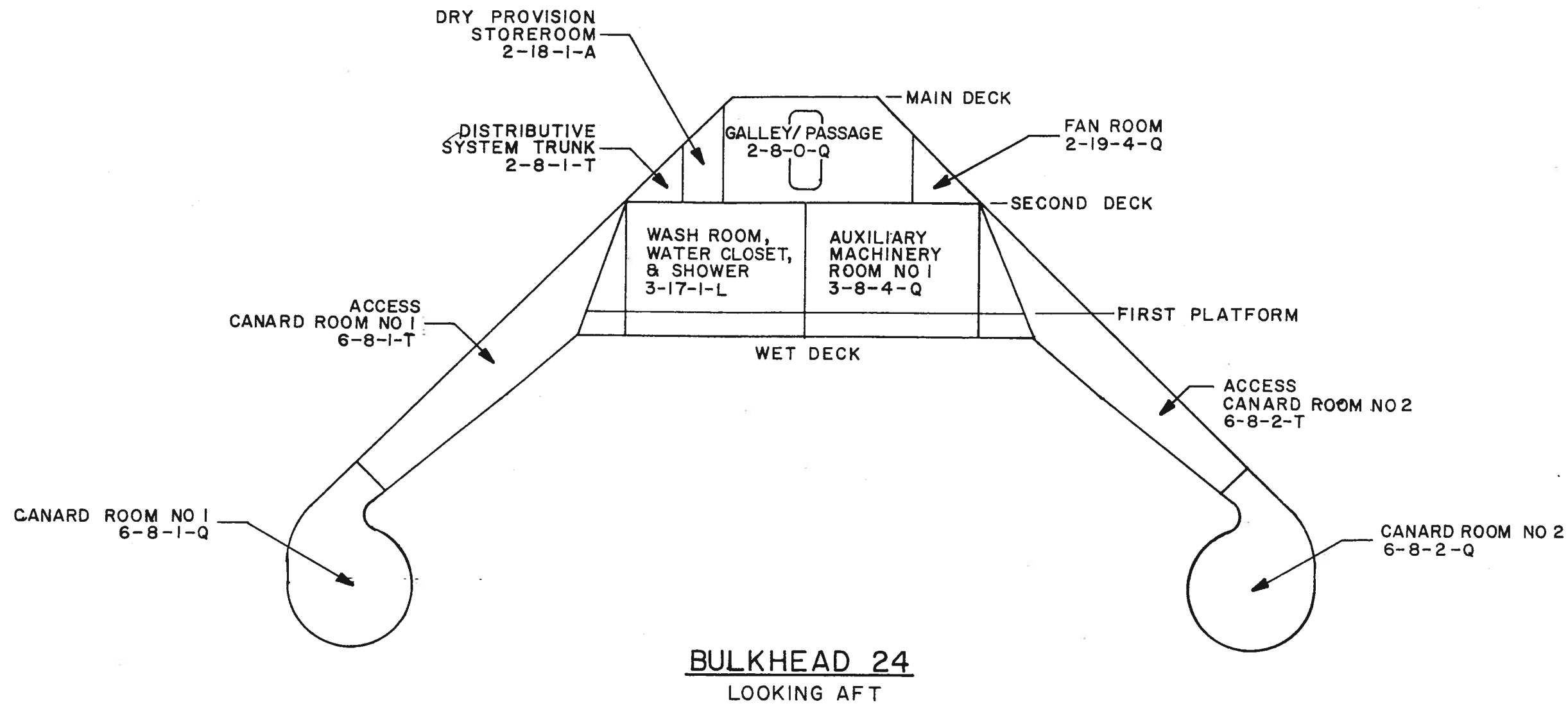
LOWER HULL
 AFT OF BHD 48
 STARBOARD SHOWN
 PORT OPPOSITE HAND

GENERAL PLANS		
DRAWING NO 2589000		REV C
SCALE: 1/8"=1'-0"	SH 7 OF 7	PAGE 14



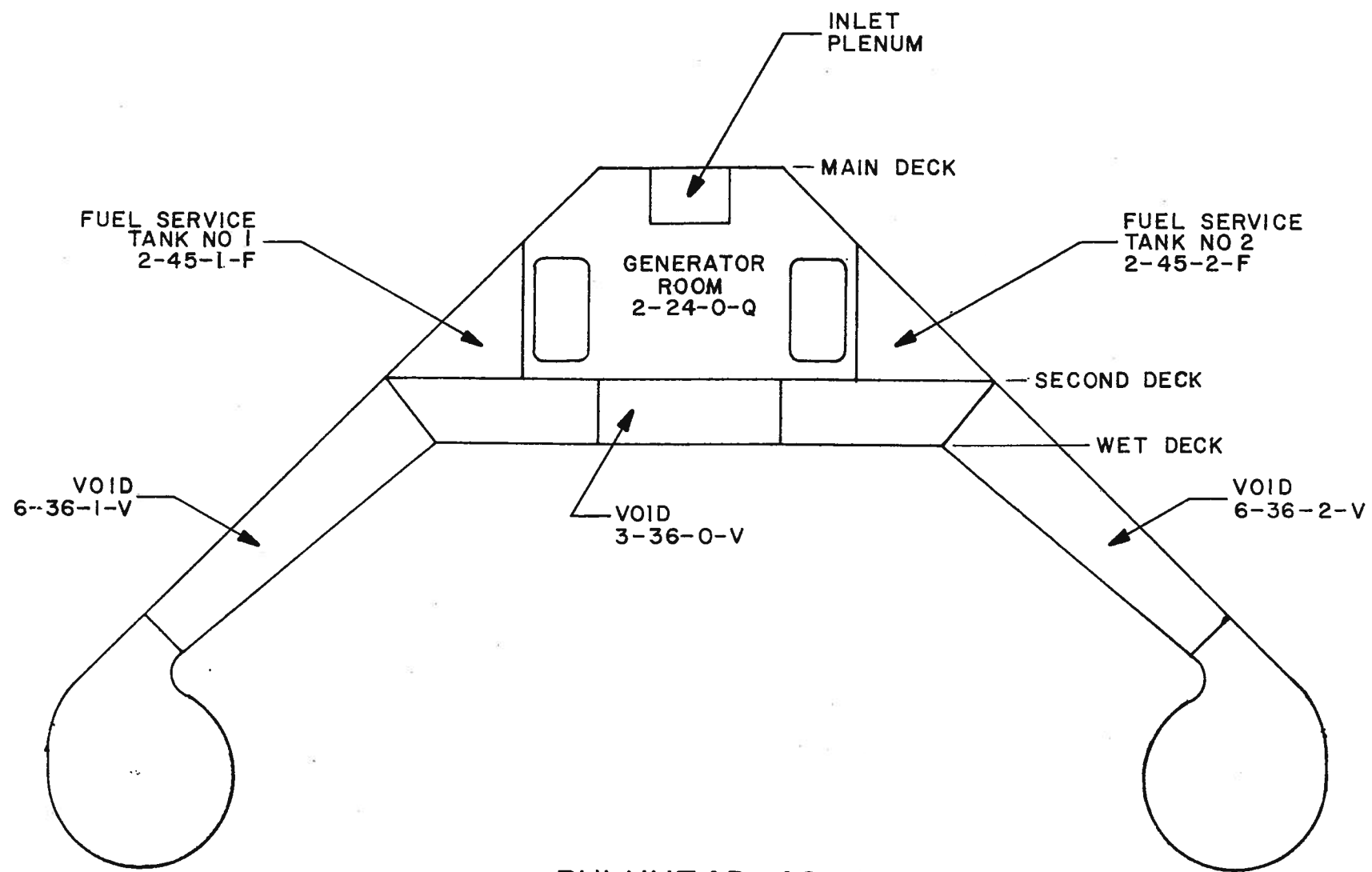
BULKHEAD 8
LOOKING AFT

TRANSVERSE SECTION		
DRAWING NO	2589000	REV
		C
SCALE: 1/8" = 1'-0"	SH 1 OF 6	PAGE 15



BULKHEAD 24
LOOKING AFT

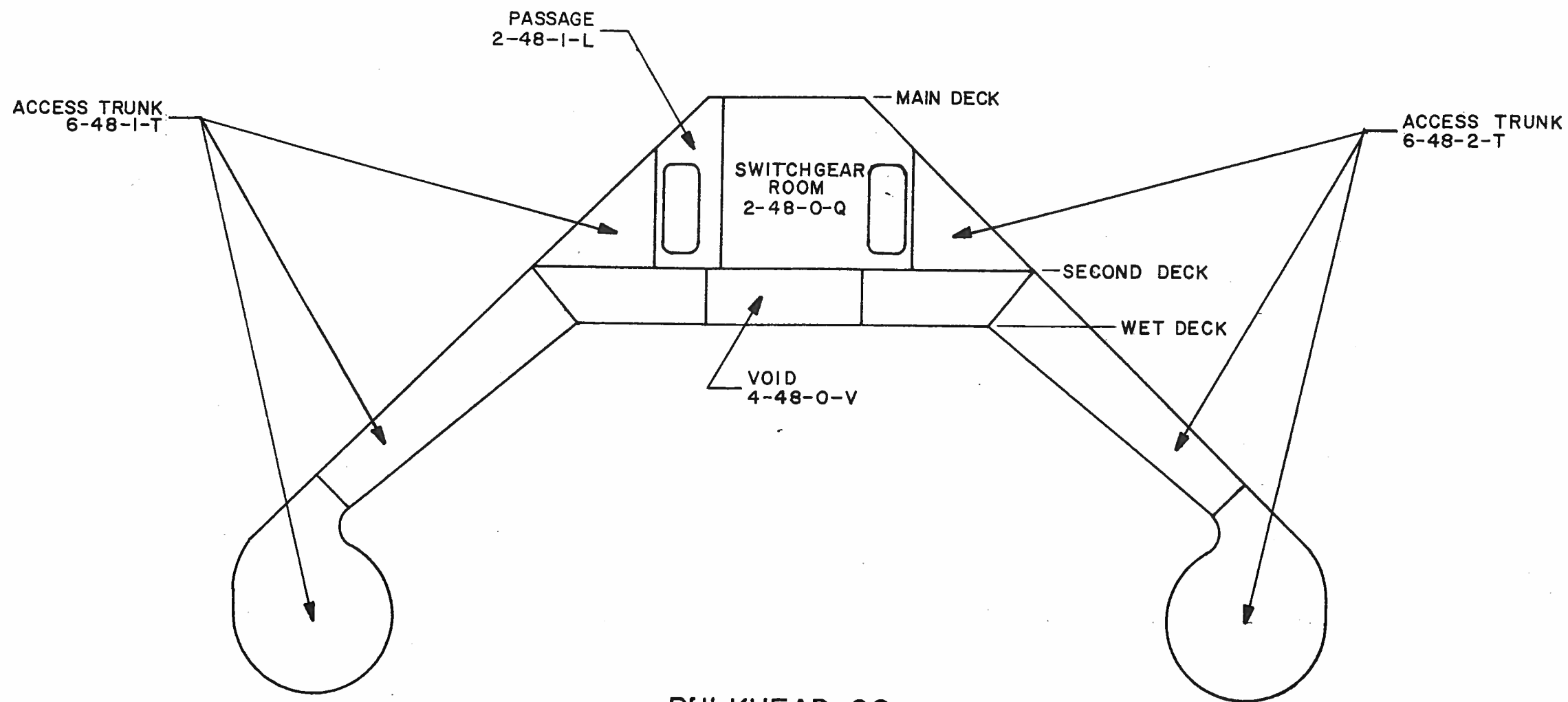
TRANSVERSE SECTION		
DRAWING NO	2589000	REV C
SCALE: 1/8"=1'-0"	SH 2 OF 6	PAGE 16



BULKHEAD 48

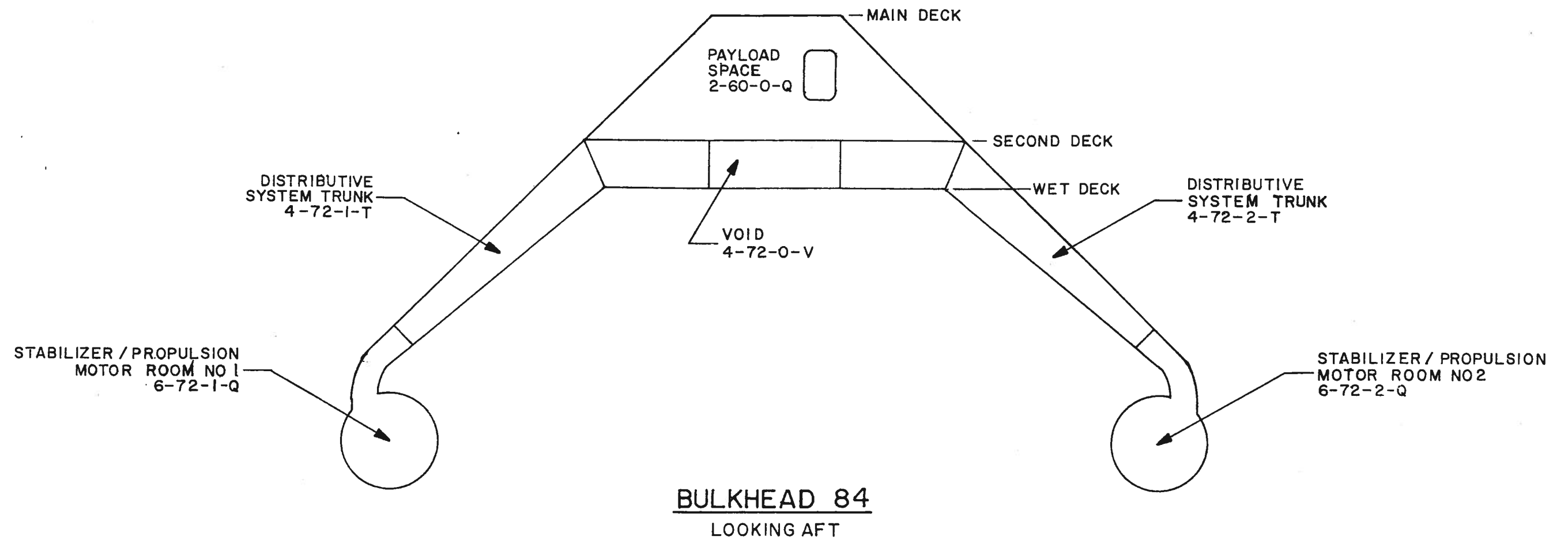
LOOKING AFT

TRANSVERSE SECTION		
DRAWING NO	2589000	REV
		C
SCALE: 1/8"=1'-0"	SH 3 OF 6	PAGE 17

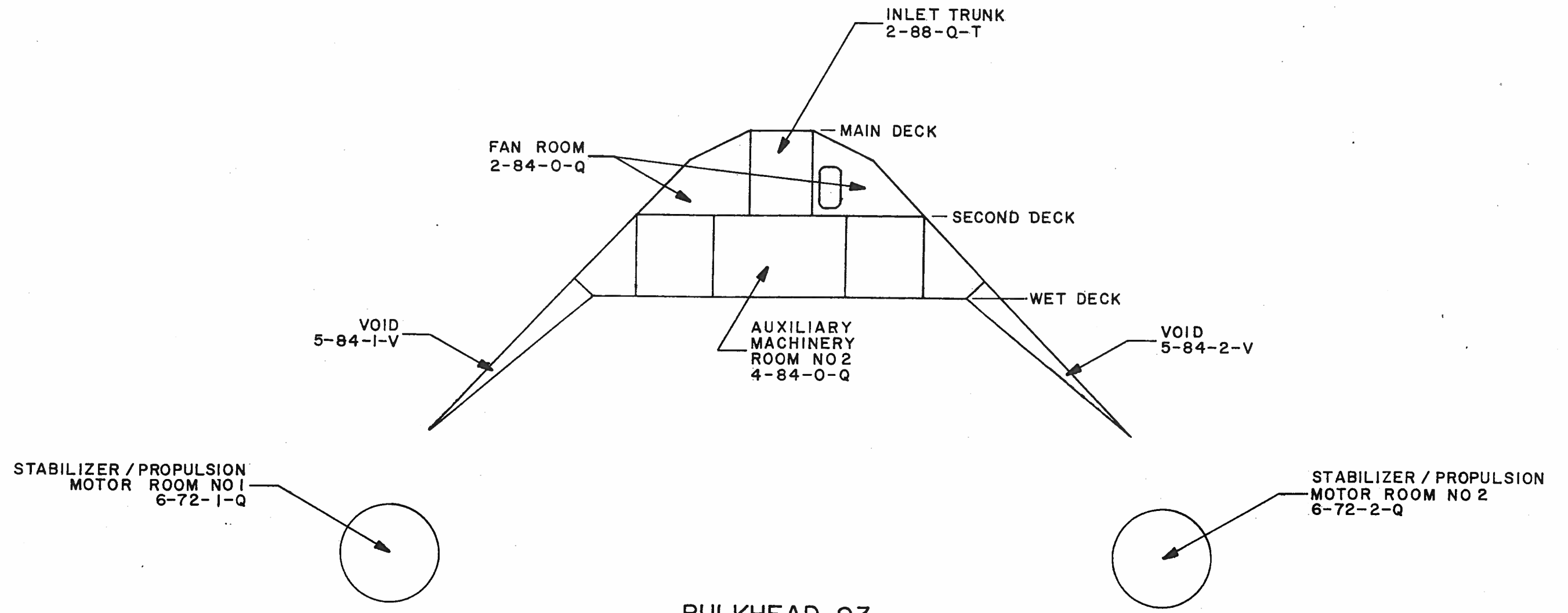


BULKHEAD 60
LOOKING AFT

TRANSVERSE SECTION		
DRAWING NO	2589000	REV C
SCALE: 1/8"=1'-0"	SH 4 OF 6	PAGE 18



TRANSVERSE SECTION		
DRAWING NO 2589000		REV C
SCALE: 1/8"=1'-0"	SH 5 OF 6	PAGE 19

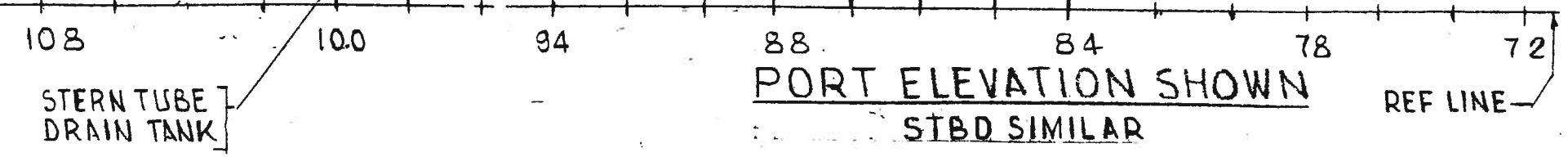
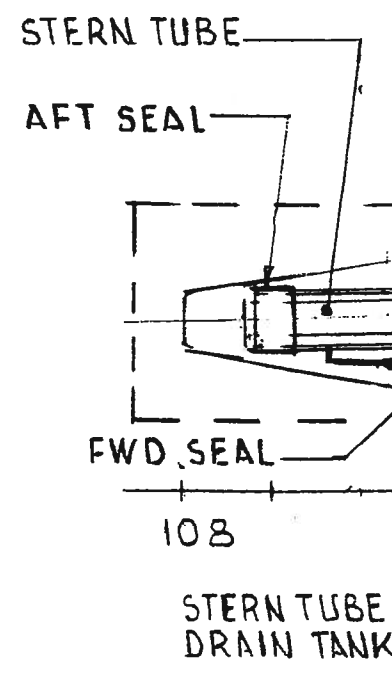
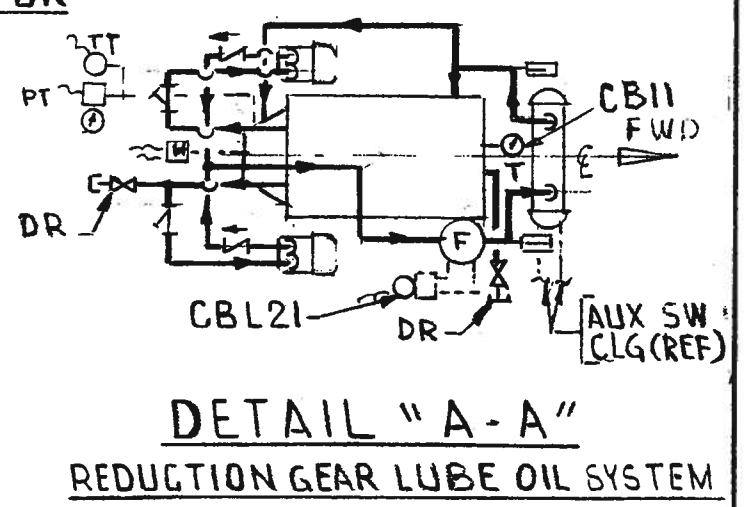
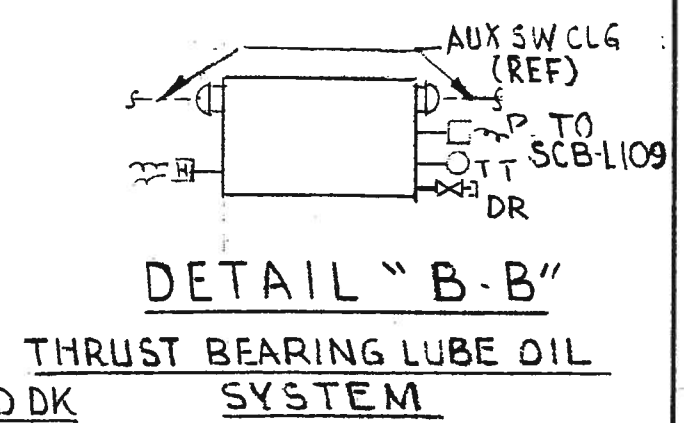
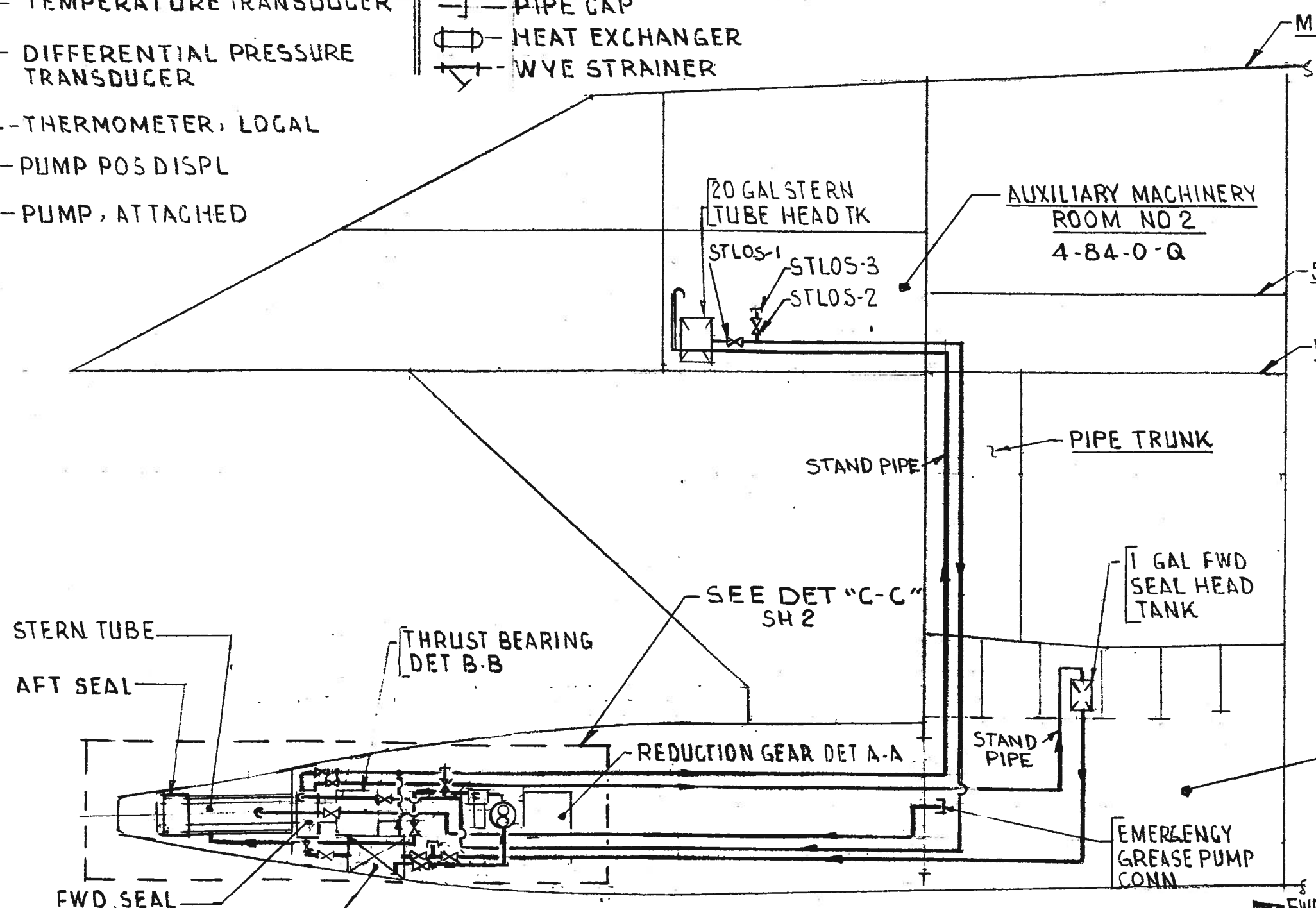


BULKHEAD 93
LOOKING AFT

TRANSVERSE SECTION		
DRAWING NO	2589000	REV C
SCALE: 1/8"=1'-0"	SH 6 OF 6	PAGE 20

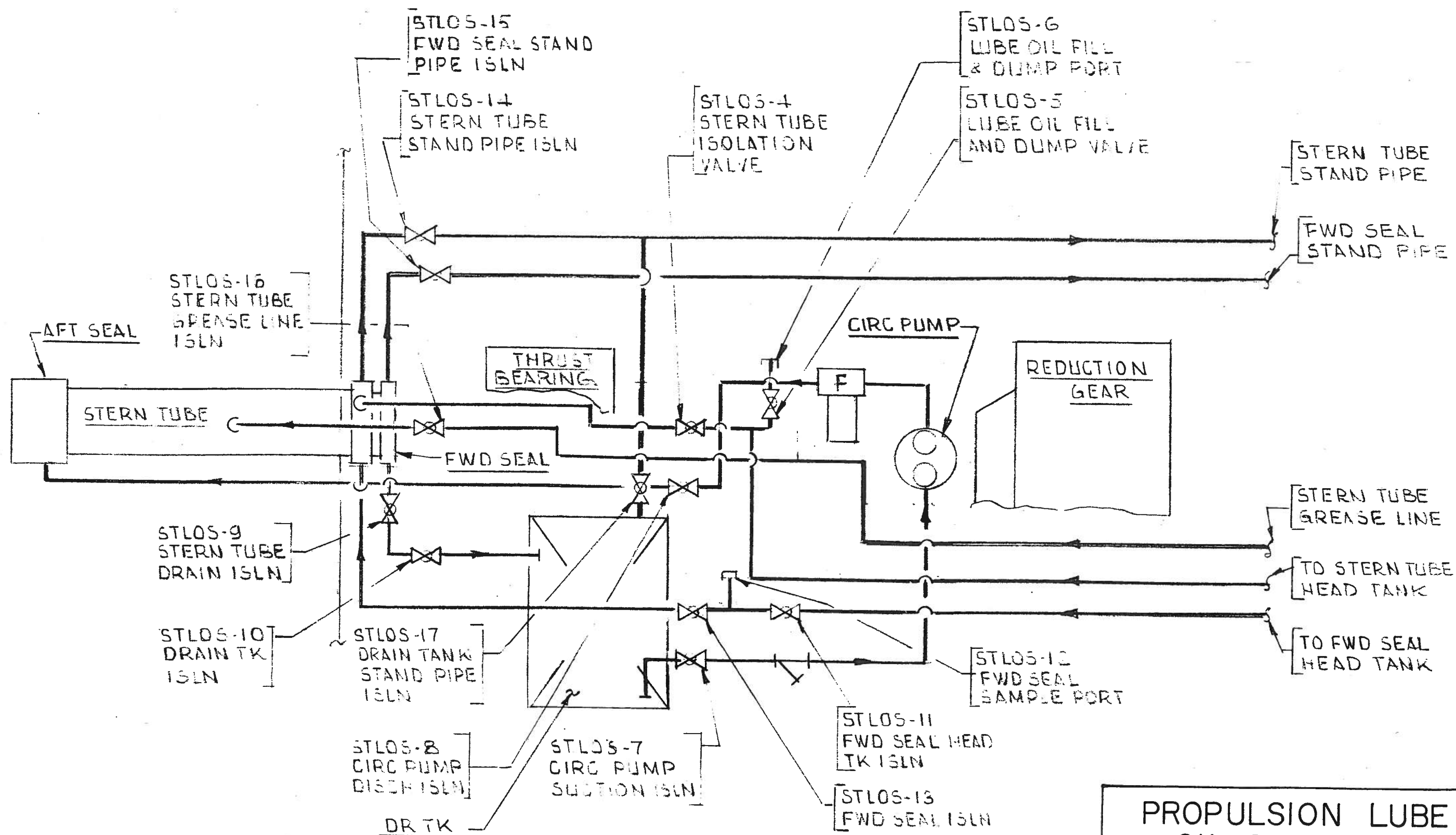
LEGEND

- HEATER, ELECT IMMERSION TYPE
- PRESSURE TRANSDUCER
- TEMPERATURE TRANSDUCER
- DIFFERENTIAL PRESSURE TRANSDUCER
- THERMOMETER, LOCAL
- PUMP POS DISPL
- PUMP, ATTACHED
- VALVE BALL
- VALVE CHECK
- FILTER
- PIPE CAP
- HEAT EXCHANGER
- WYE STRAINER



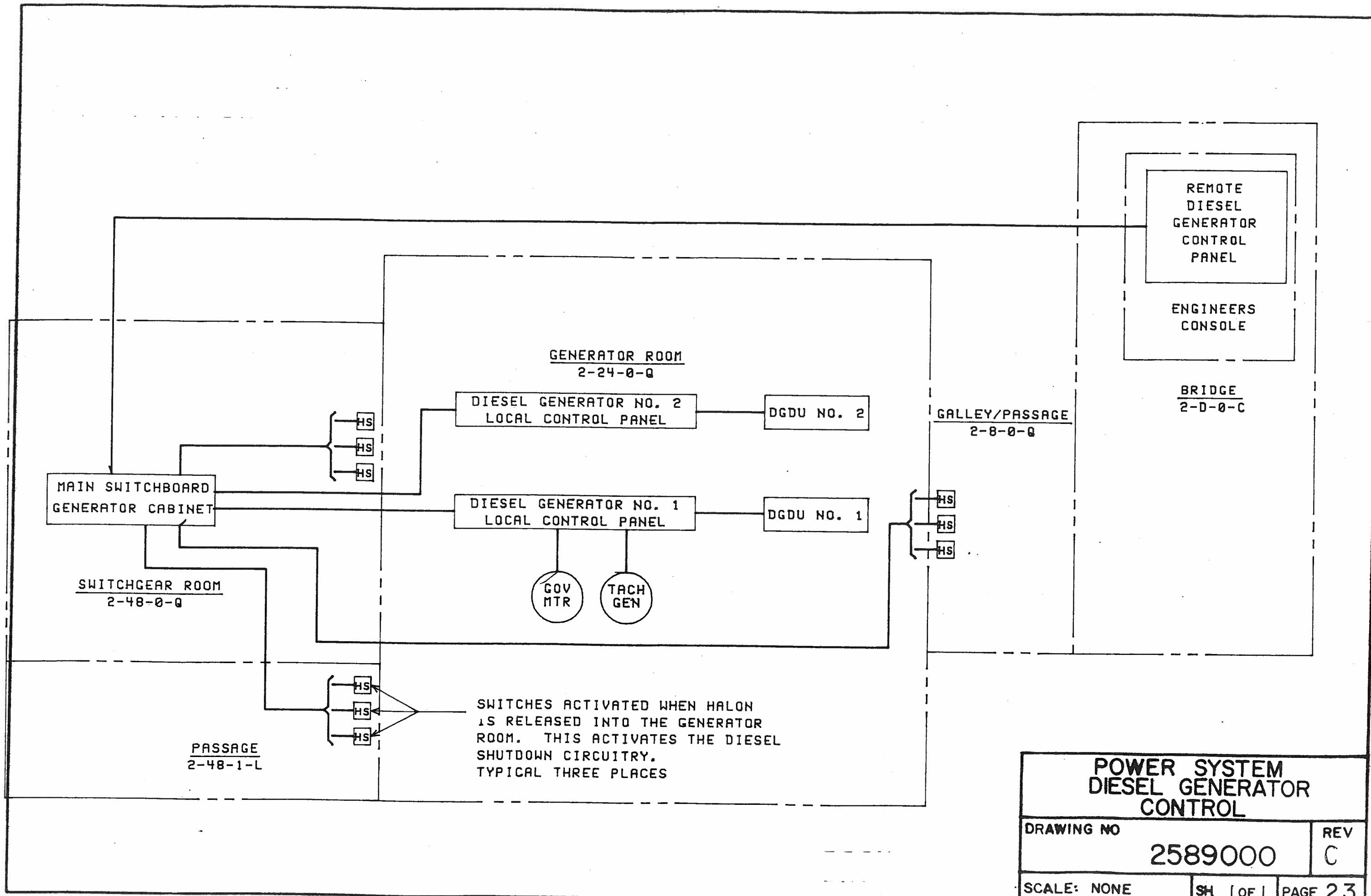
STABILIZER / PROPULSION MOTOR ROOM NO 6-72-2-Q

PROPULSION LUBE OIL SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SH 1 OF 2	PAGE 21



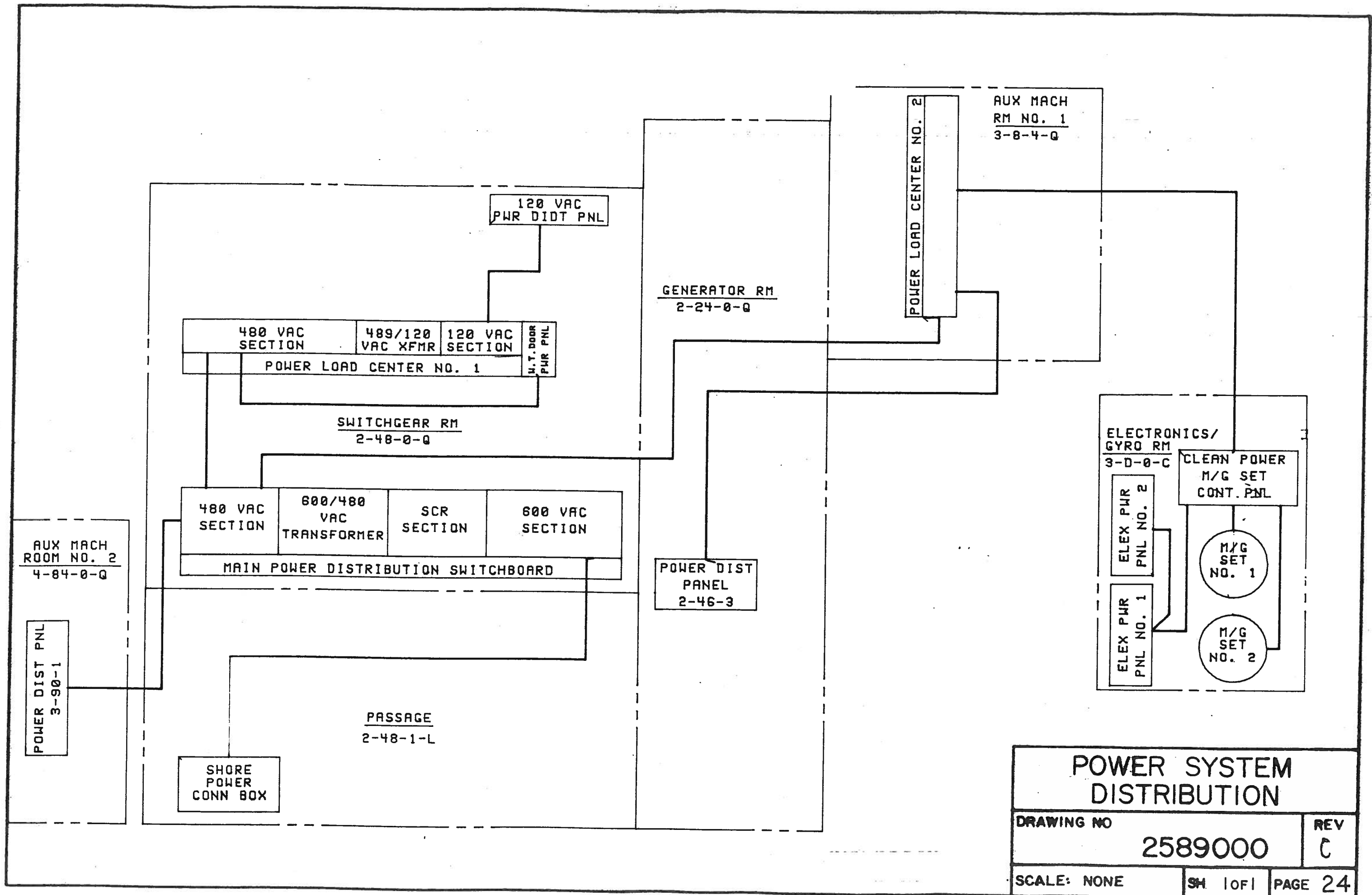
DETAIL "C-C"
STERN TUBE LUBE OIL SYSTEM

PROPULSION LUBE OIL SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 2 of 2	PAGE 22

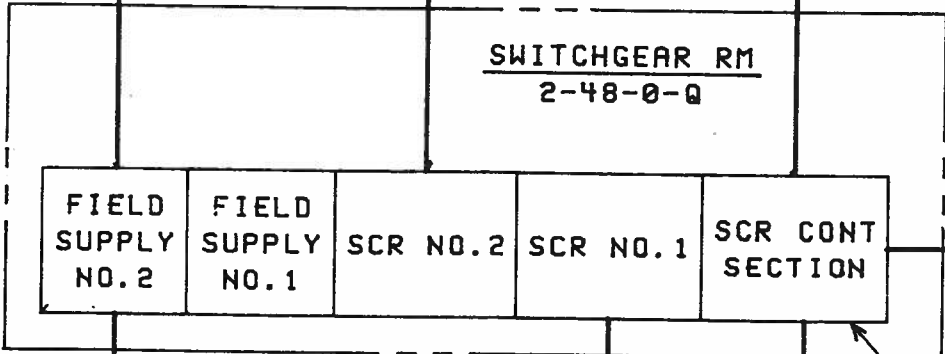
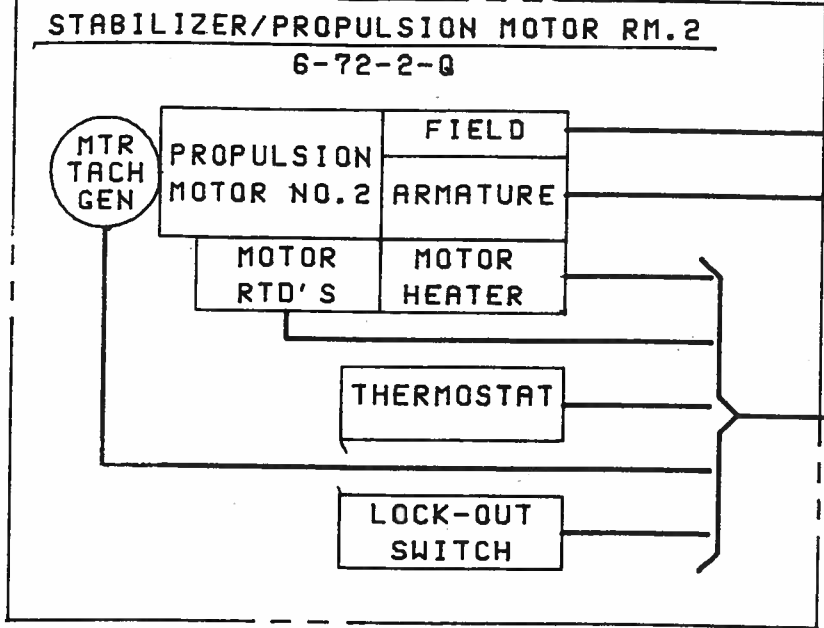


**POWER SYSTEM
DIESEL GENERATOR
CONTROL**

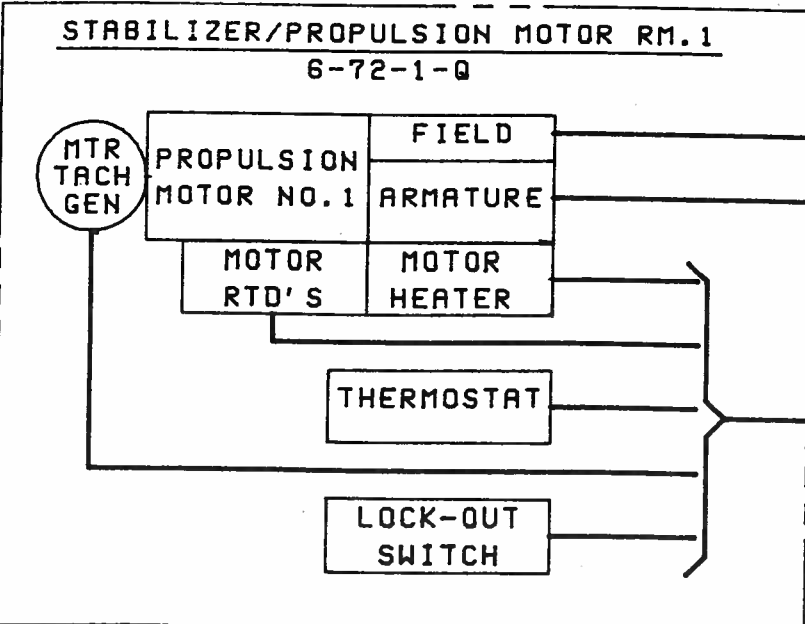
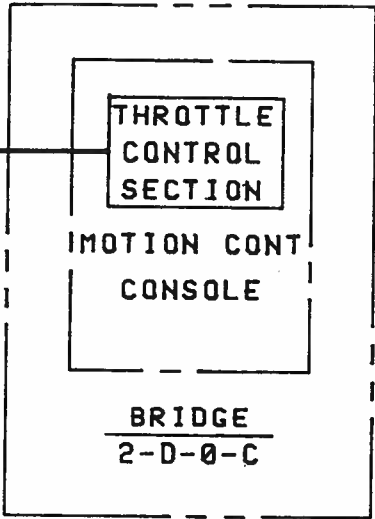
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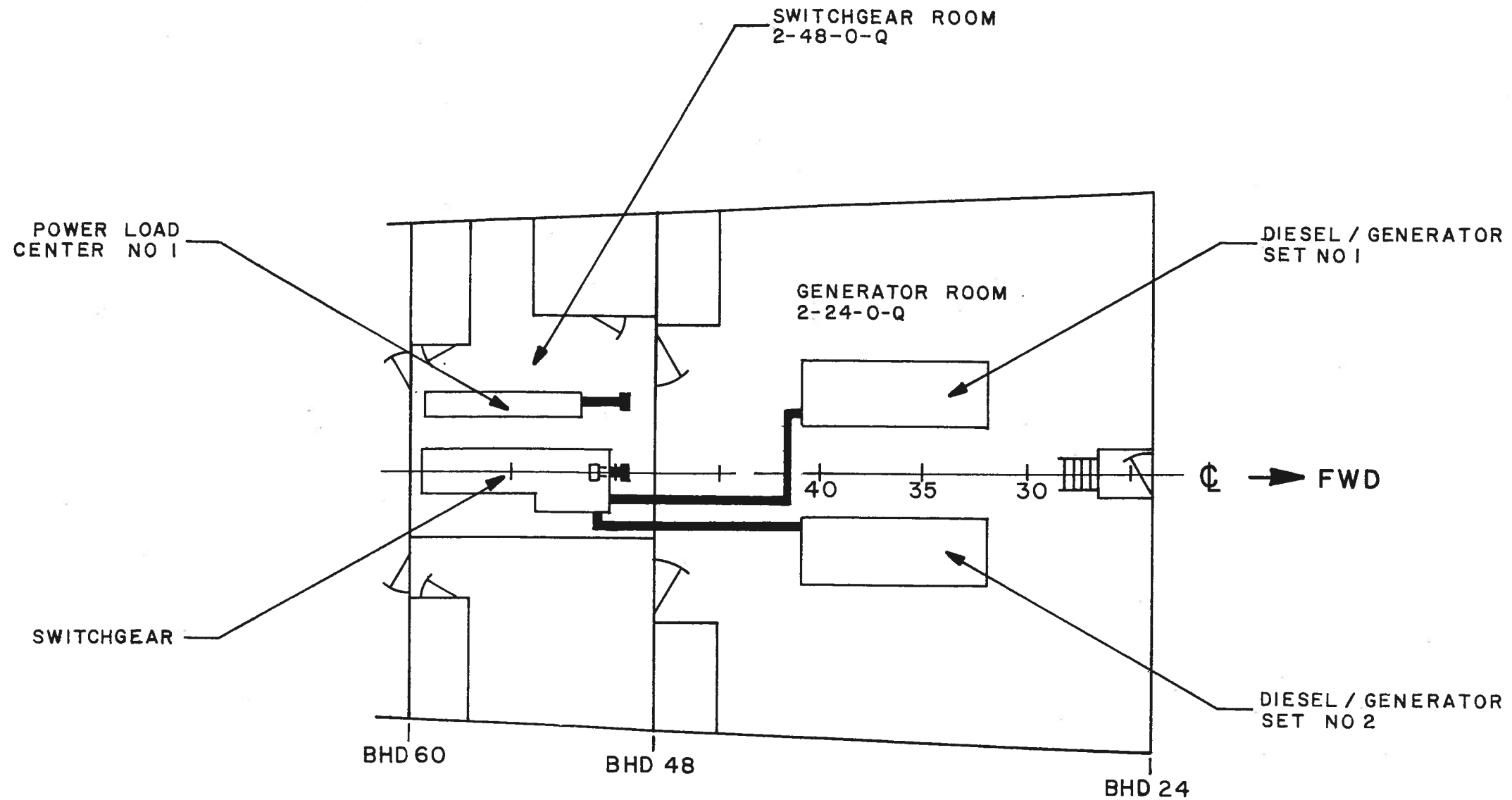
POWER SYSTEM DISTRIBUTION		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 10F1	PAGE 24



MAIN SWITCHBOARD

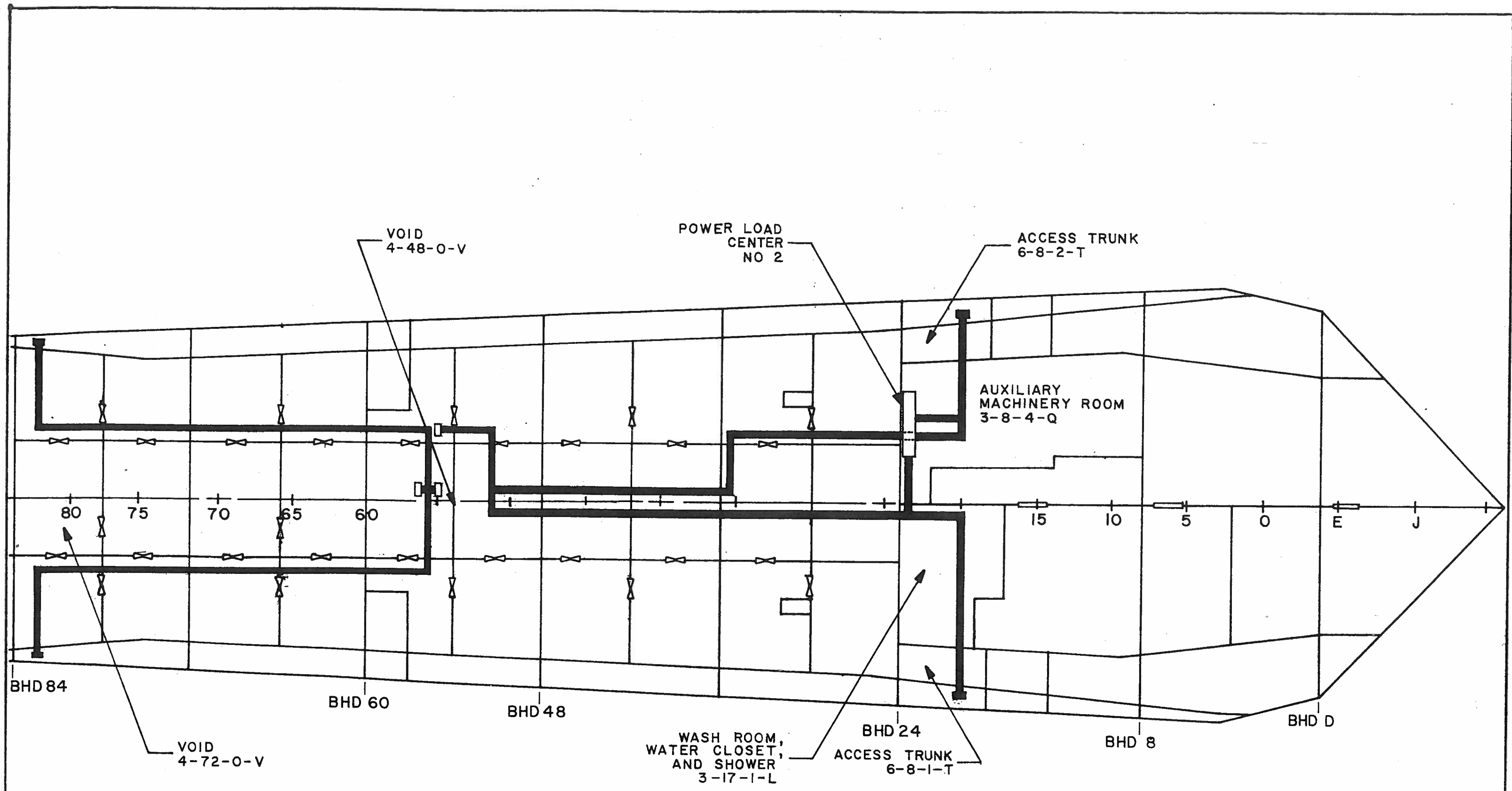


POWER SYSTEM SCR CONTROL		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 25



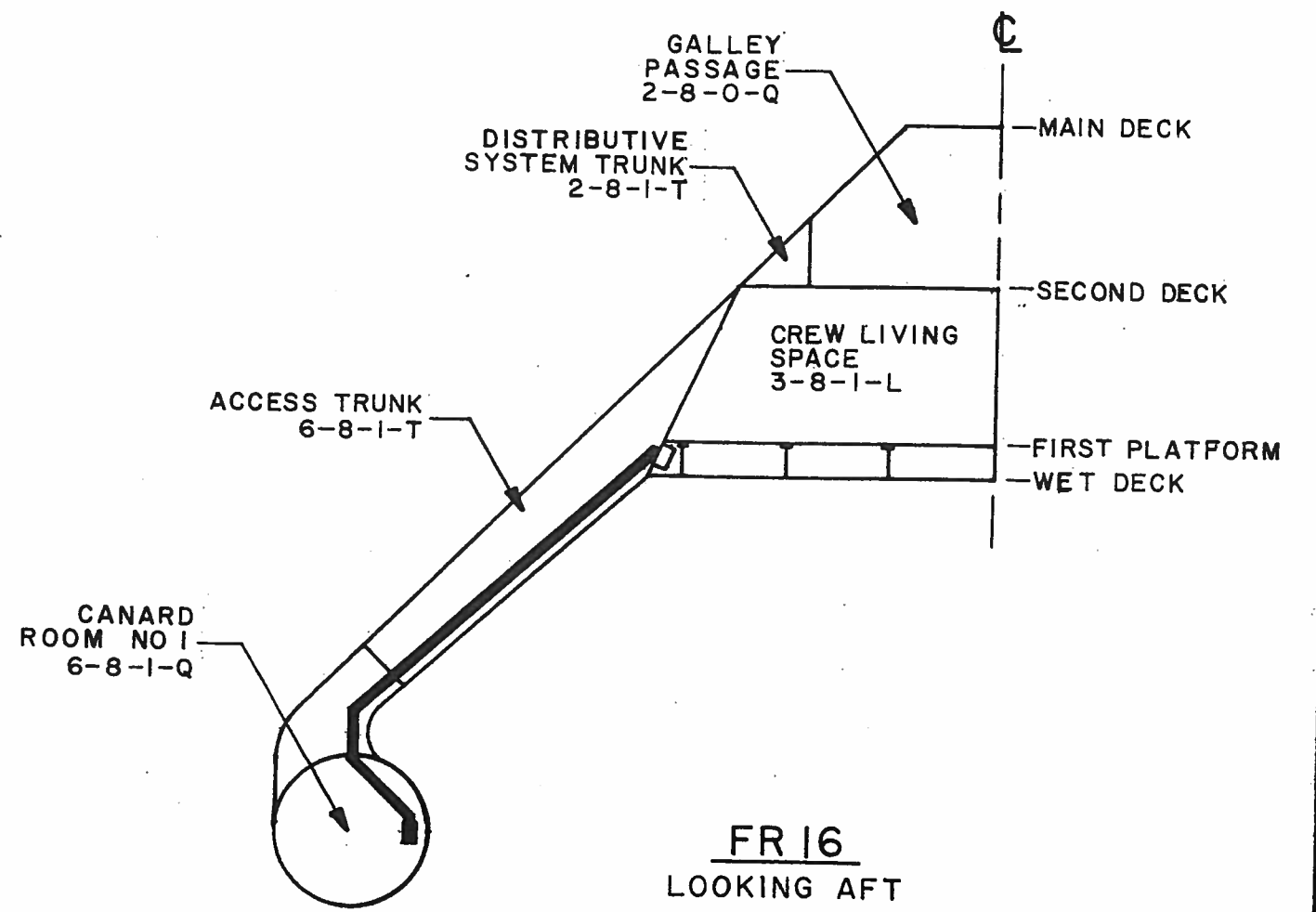
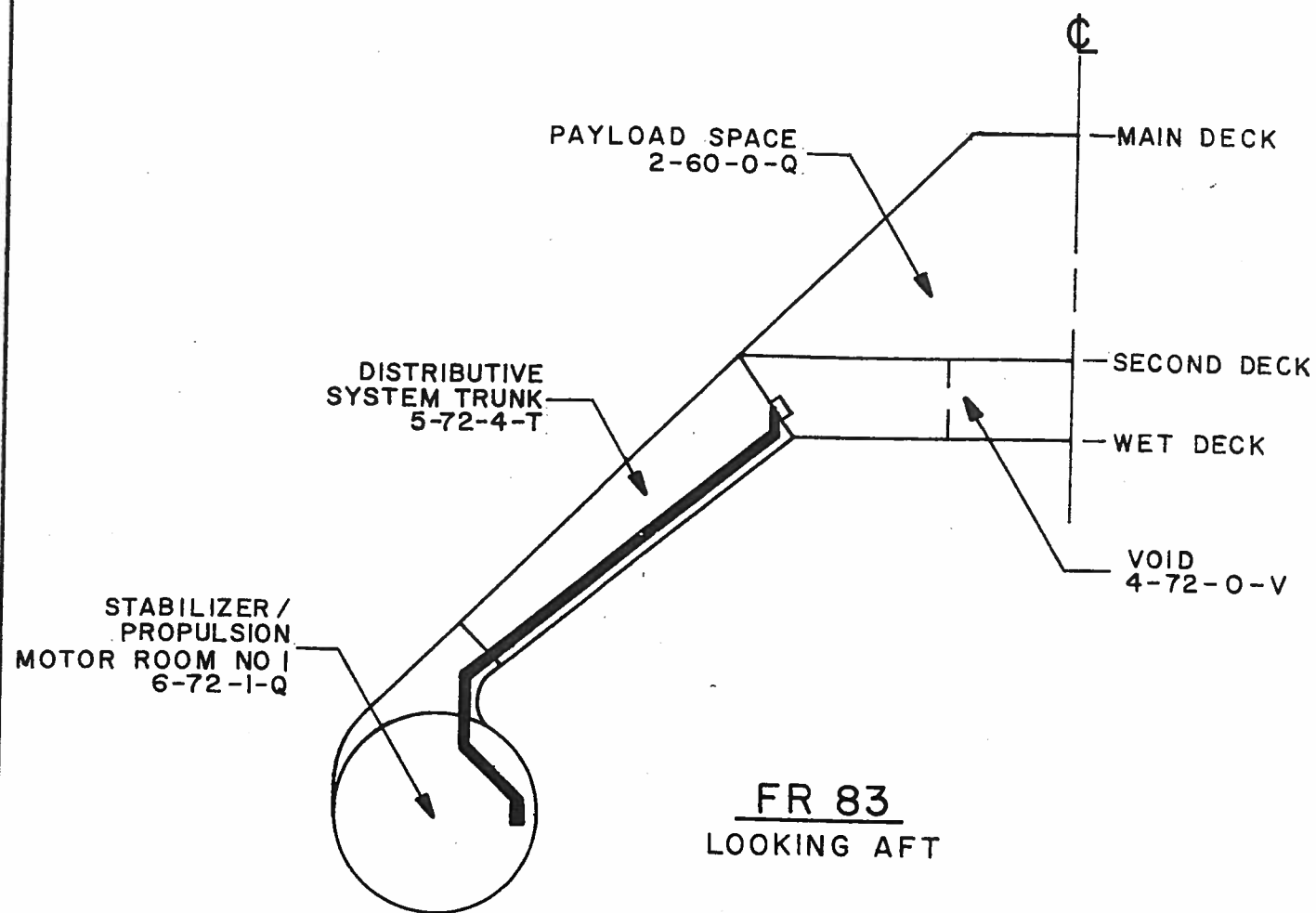
SECOND DECK
BHD 24 TO BHD 60

WIREWAYS		
DRAWING NO	2589000	REV C
SCALE: 1/8"=1'-0"	SH 1 OF 5	PAGE 26

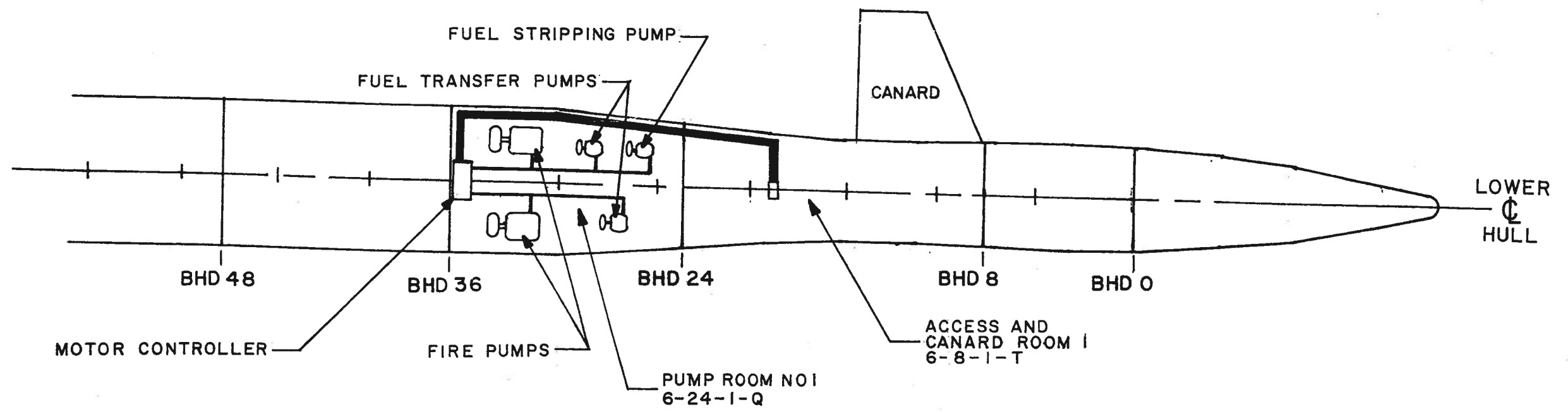


WET DECK
FWD OF BHD 84

WIREWAYS		
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 2 OF 5	PAGE 27

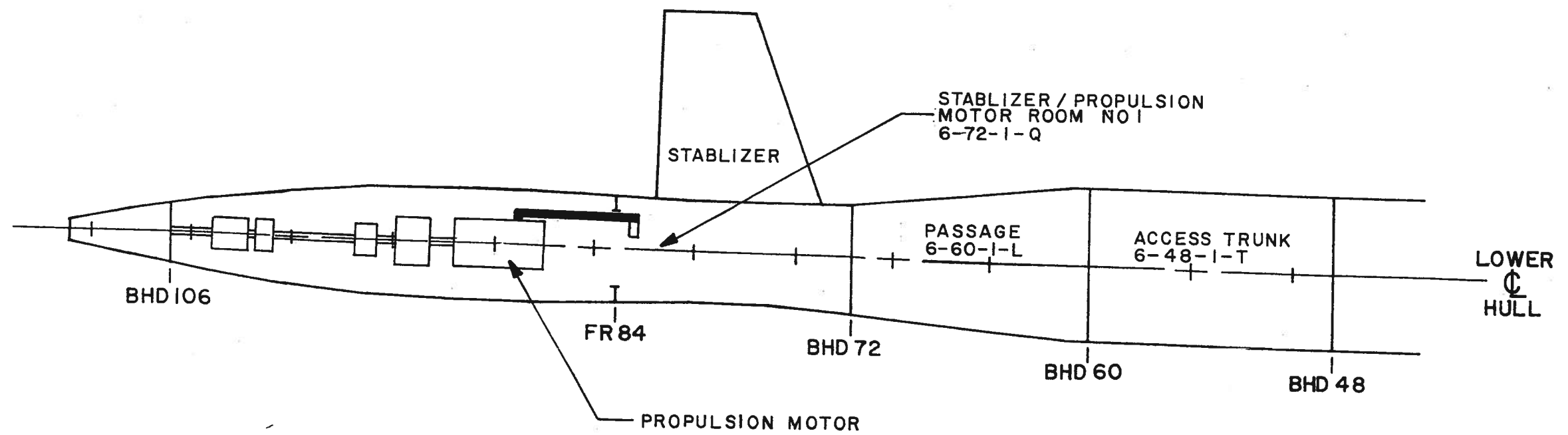


WIREWAYS		
DRAWING NO		REV
2589000		C
SCALE: 1/8"=1'-0"	SH 3 OF 5	PAGE 28



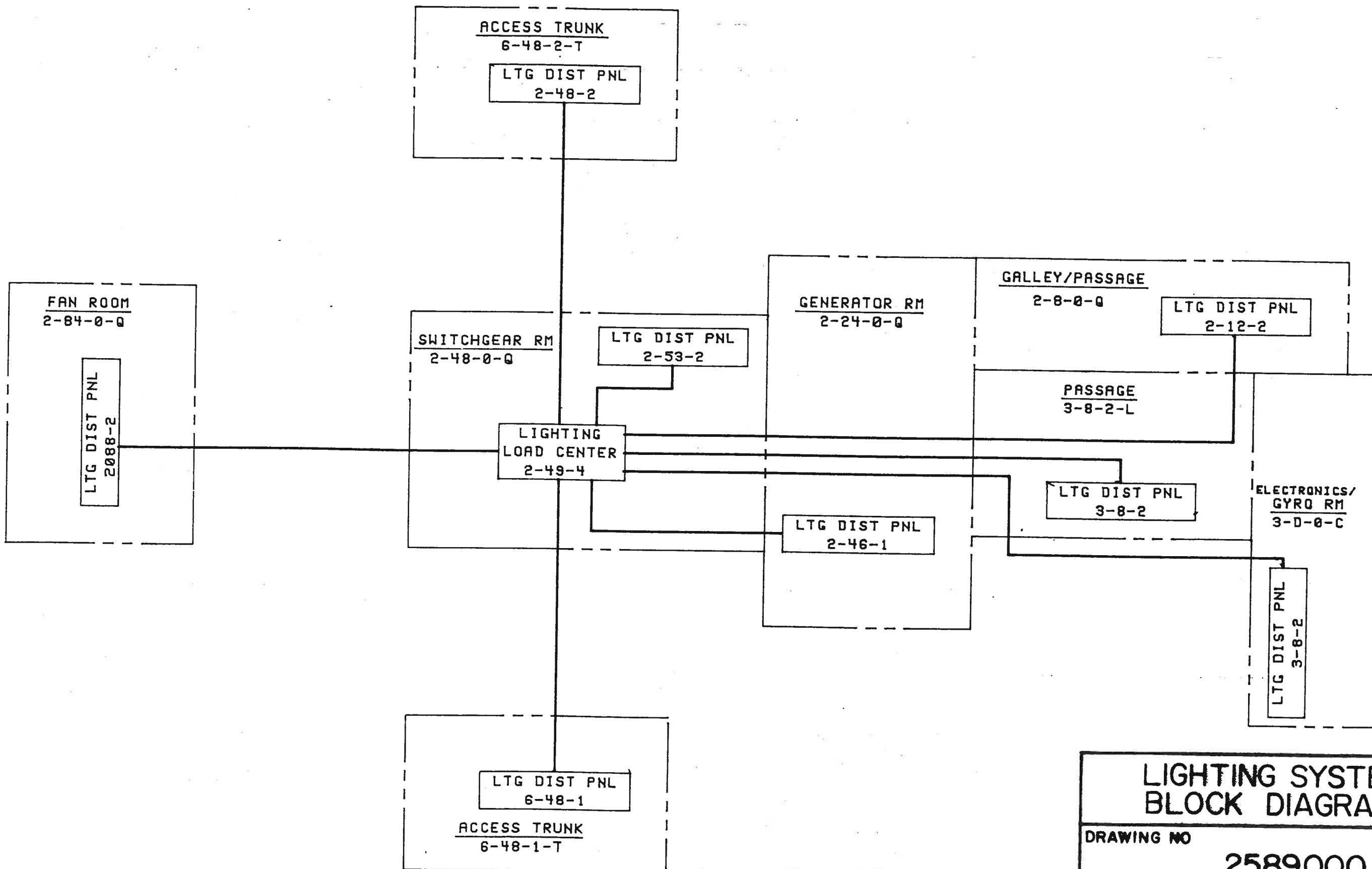
LOWER HULL
 FWD OF BHD 48
 STARBOARD SHOWN
 PORT OPPOSITE HAND

WIREWAYS		
DRAWING NO	2589000	REV
		C
SCALE: 1/8" = 1'-0"	SH 4 OF 5	PAGE 29



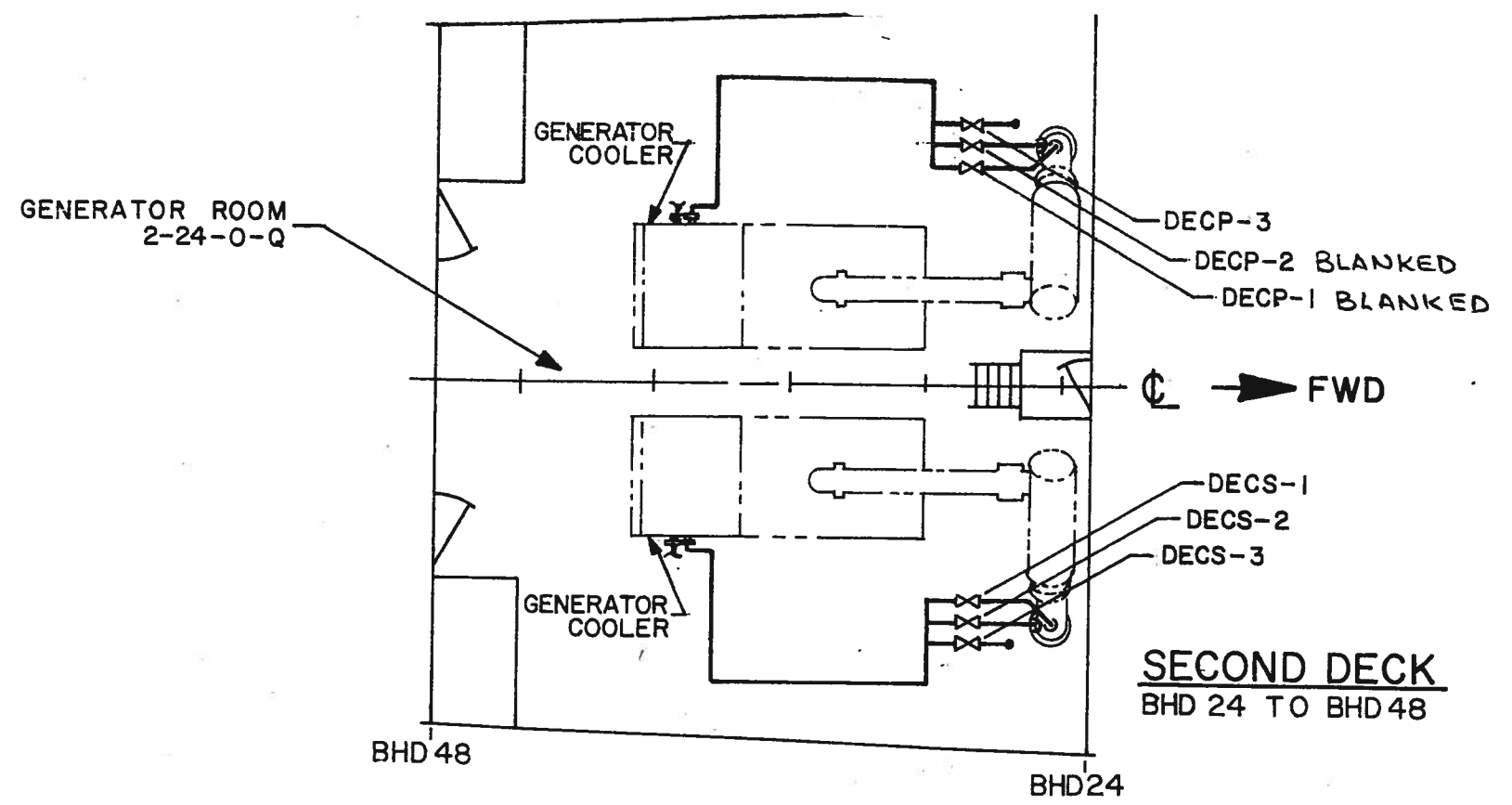
LOWER HULL
 AFT OF BHD 48
 STARBOARD SHOWN
 PORT OPPOSITE HAND

WIRESWAYS		
DRAWING NO		REV
2589000		C
SCALE: 1/8"=1'-0"	SH 5 OF 5	PAGE 30



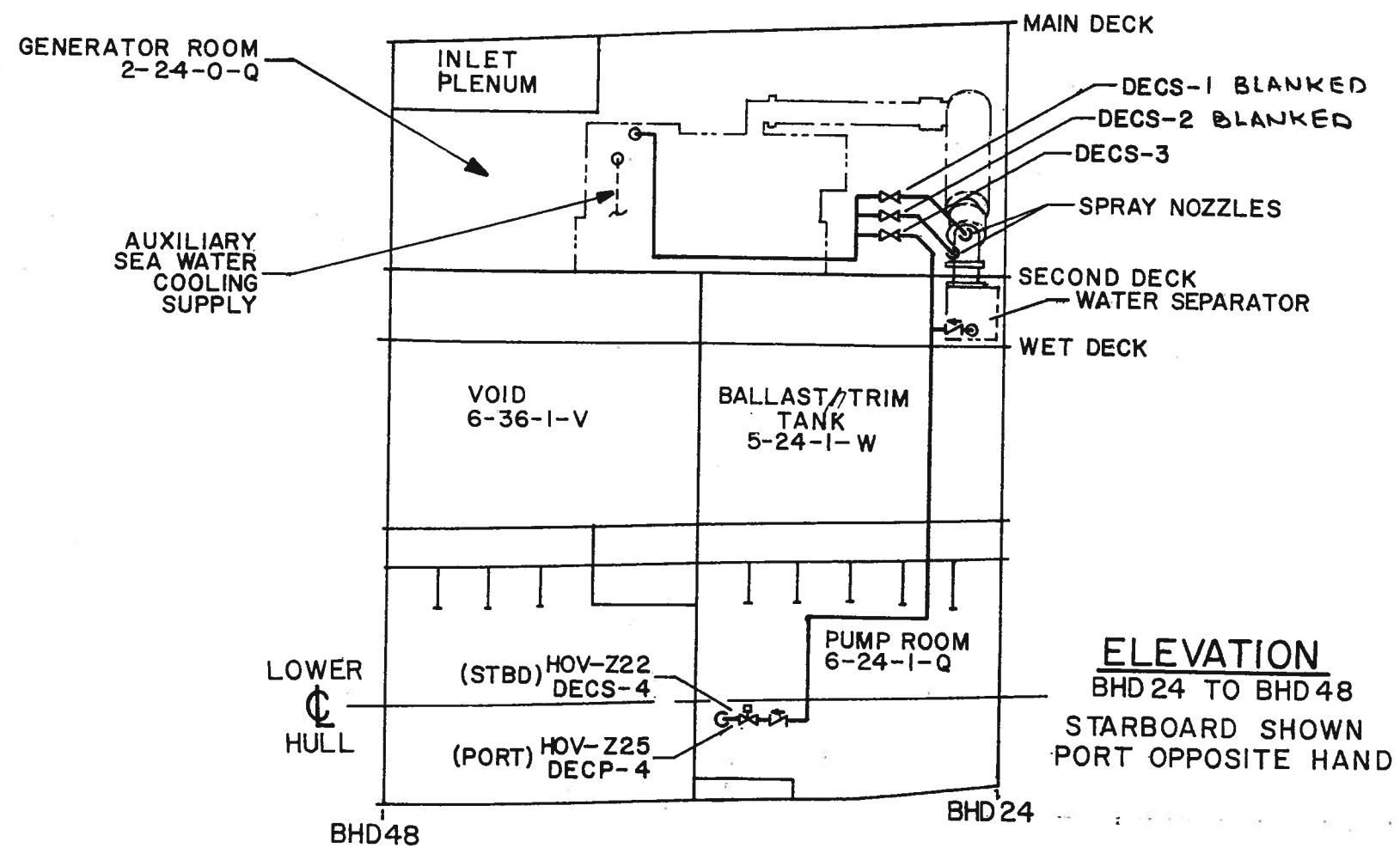
LIGHTING SYSTEM BLOCK DIAGRAM

DRAWING NO	2589000	REV	C
SCALE: NONE	SH 1 OF 1	PAGE	31



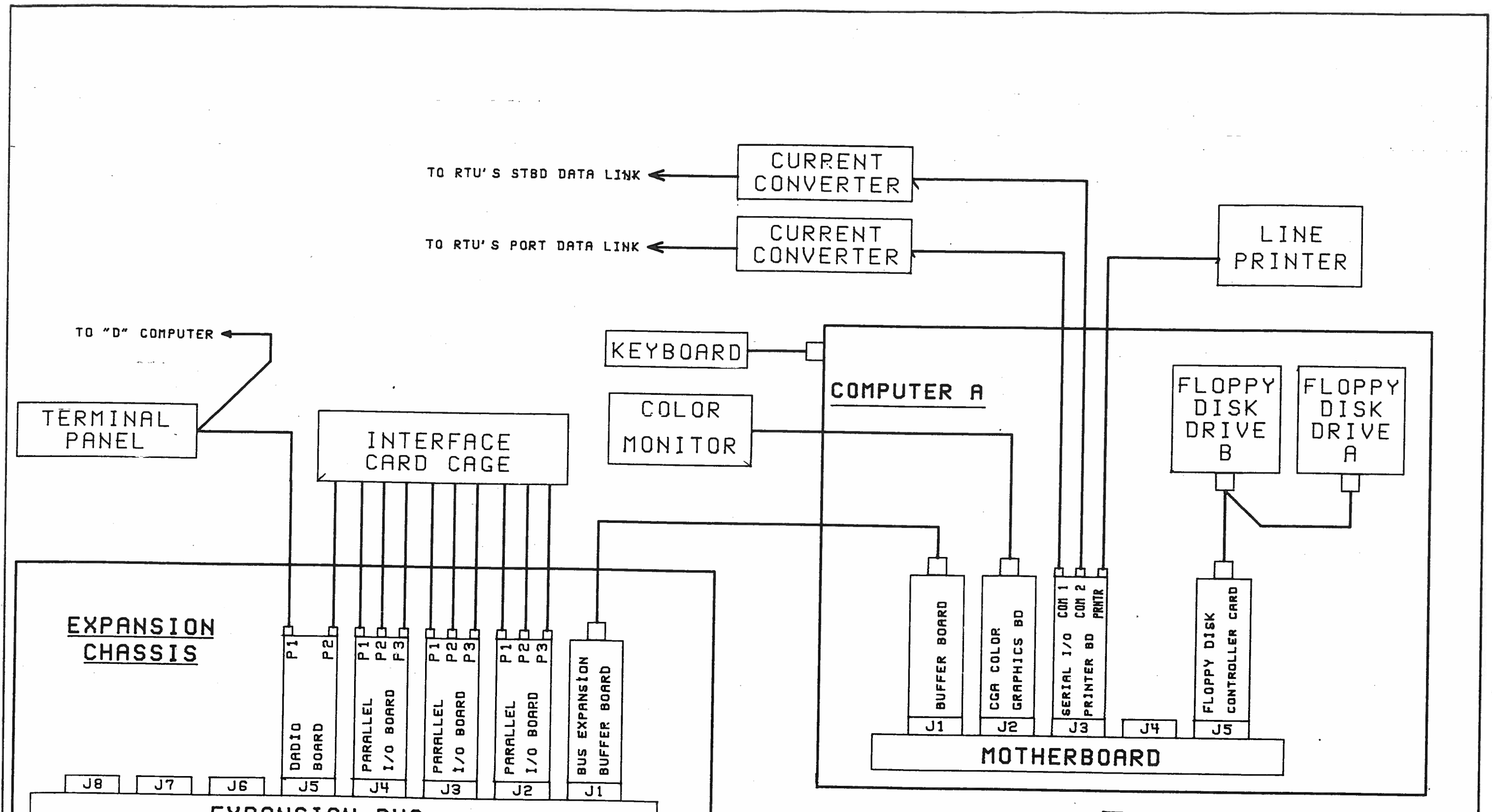
LEGEND

- ↗ CHECK VALVE
- ⊗ GLOBE VALVE
- ⊗ HYDRAULICALLY OPERATED VALVE

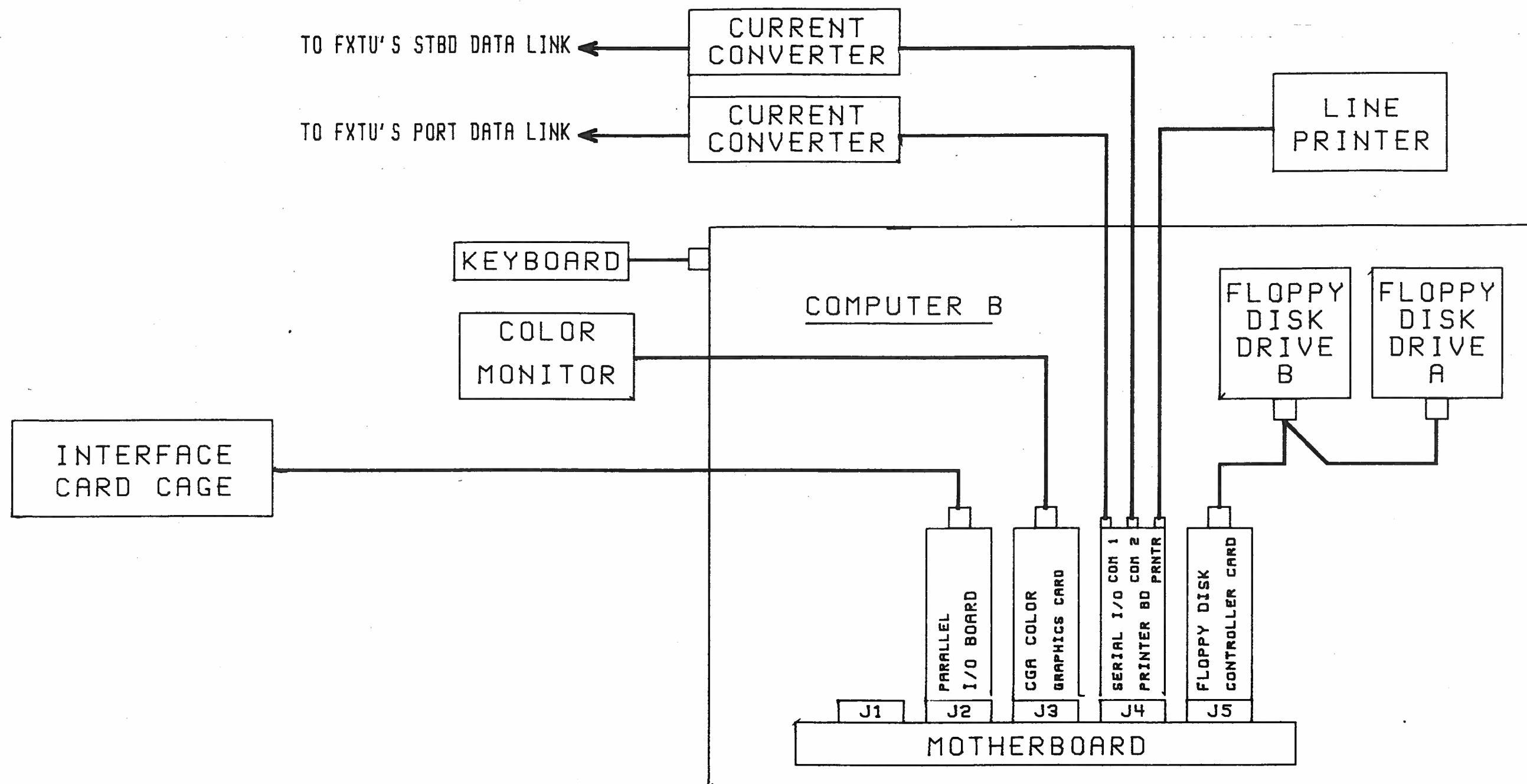


ELEVATION
BHD 24 TO BHD 48
STARBOARD SHOWN
PORT OPPOSITE HAND

DIESEL EXHAUST COOLING SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 1 OF 1	PAGE 32

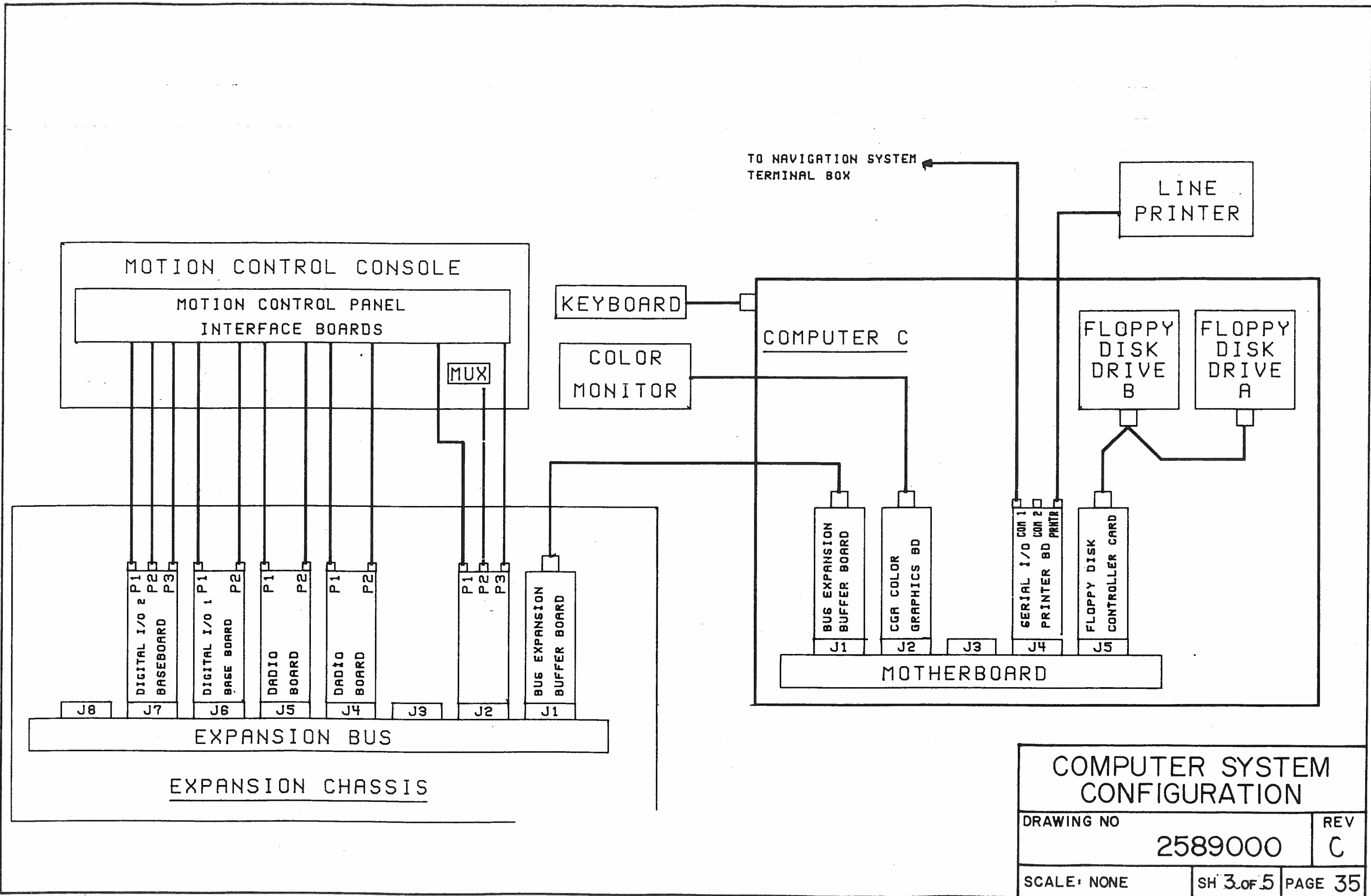


COMPUTER SYSTEM CONFIGURATION		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 of 5	PAGE 33

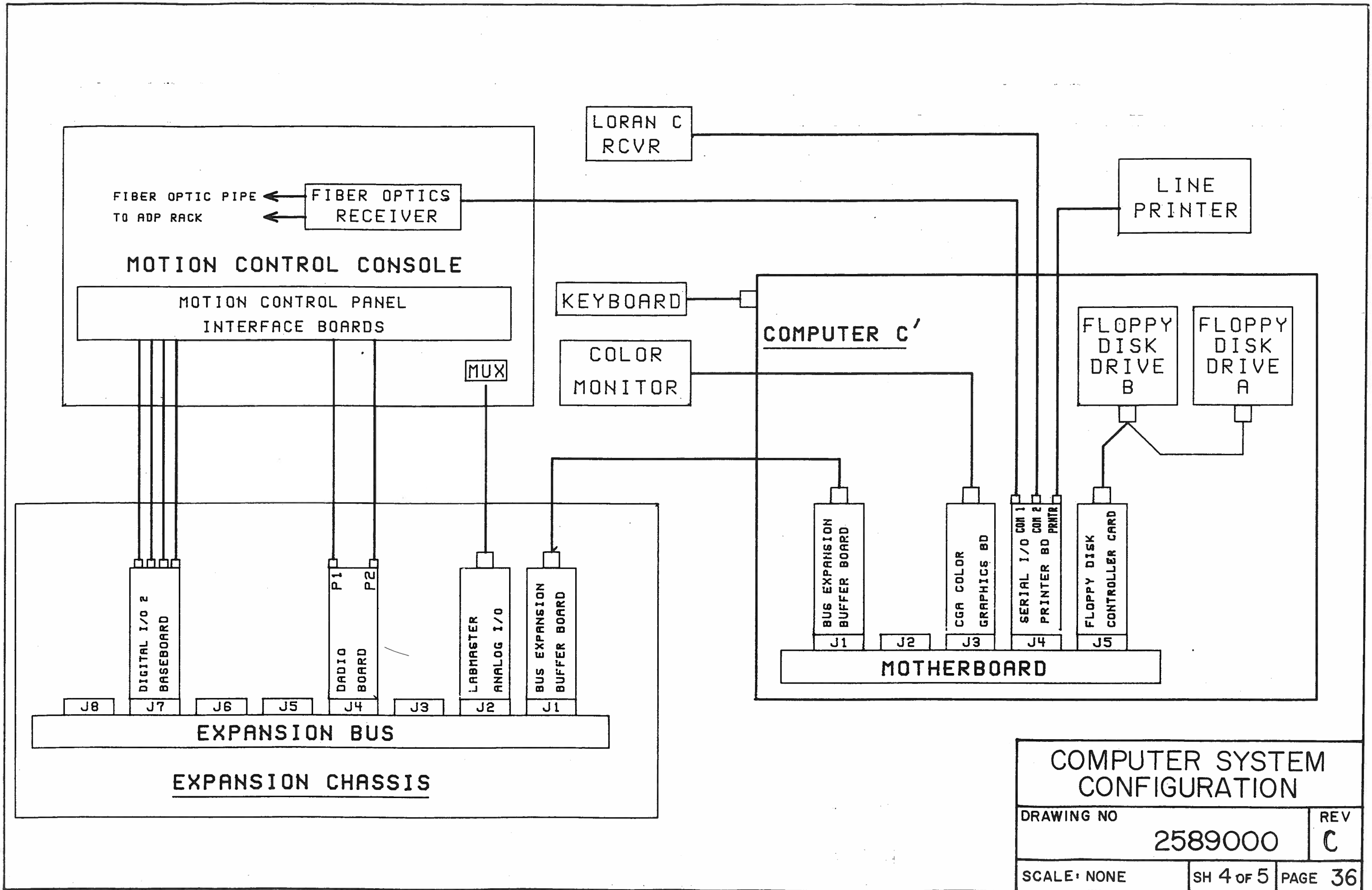


COMPUTER SYSTEM
CONFIGURATION

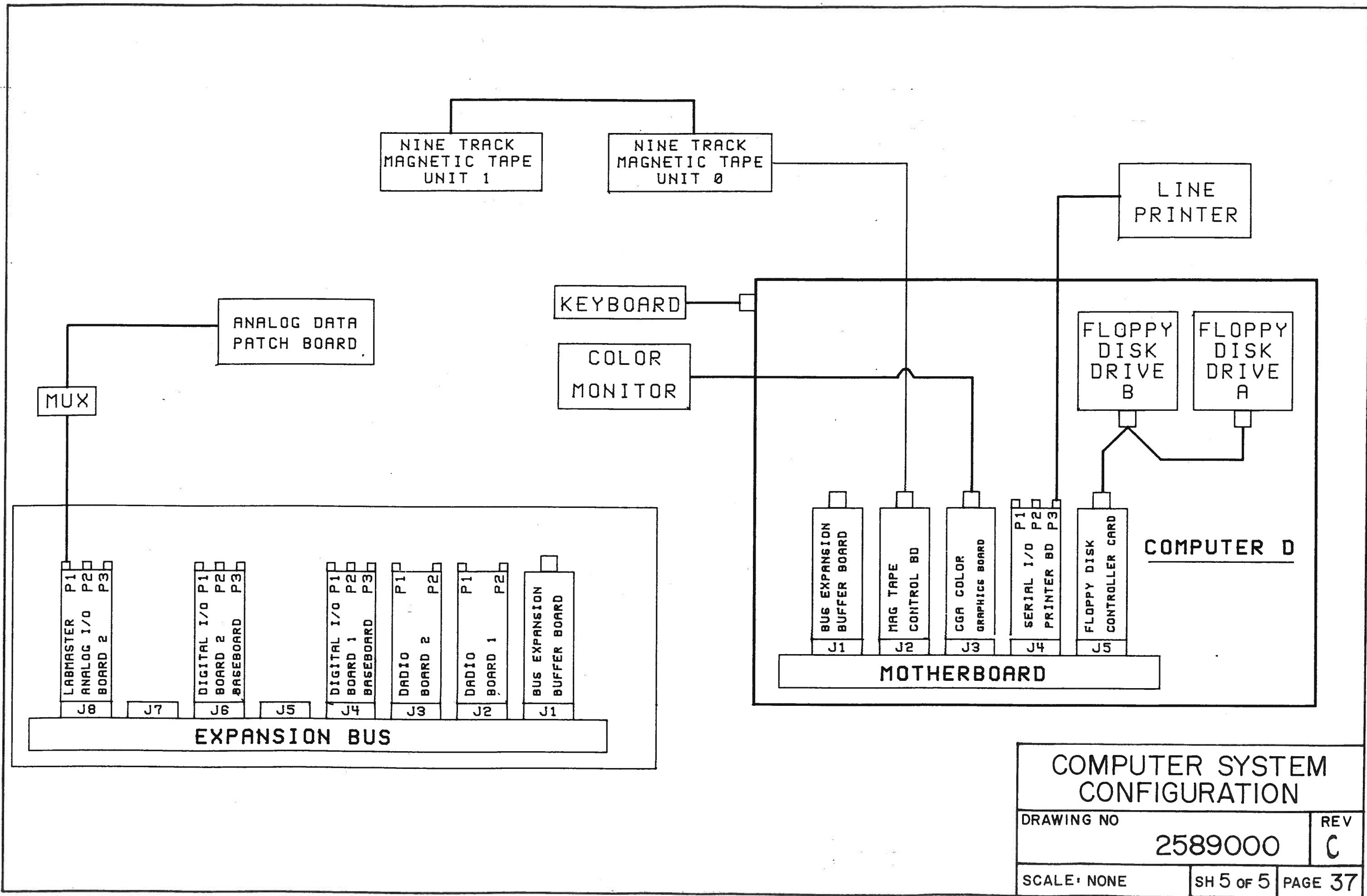
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 5	PAGE 34



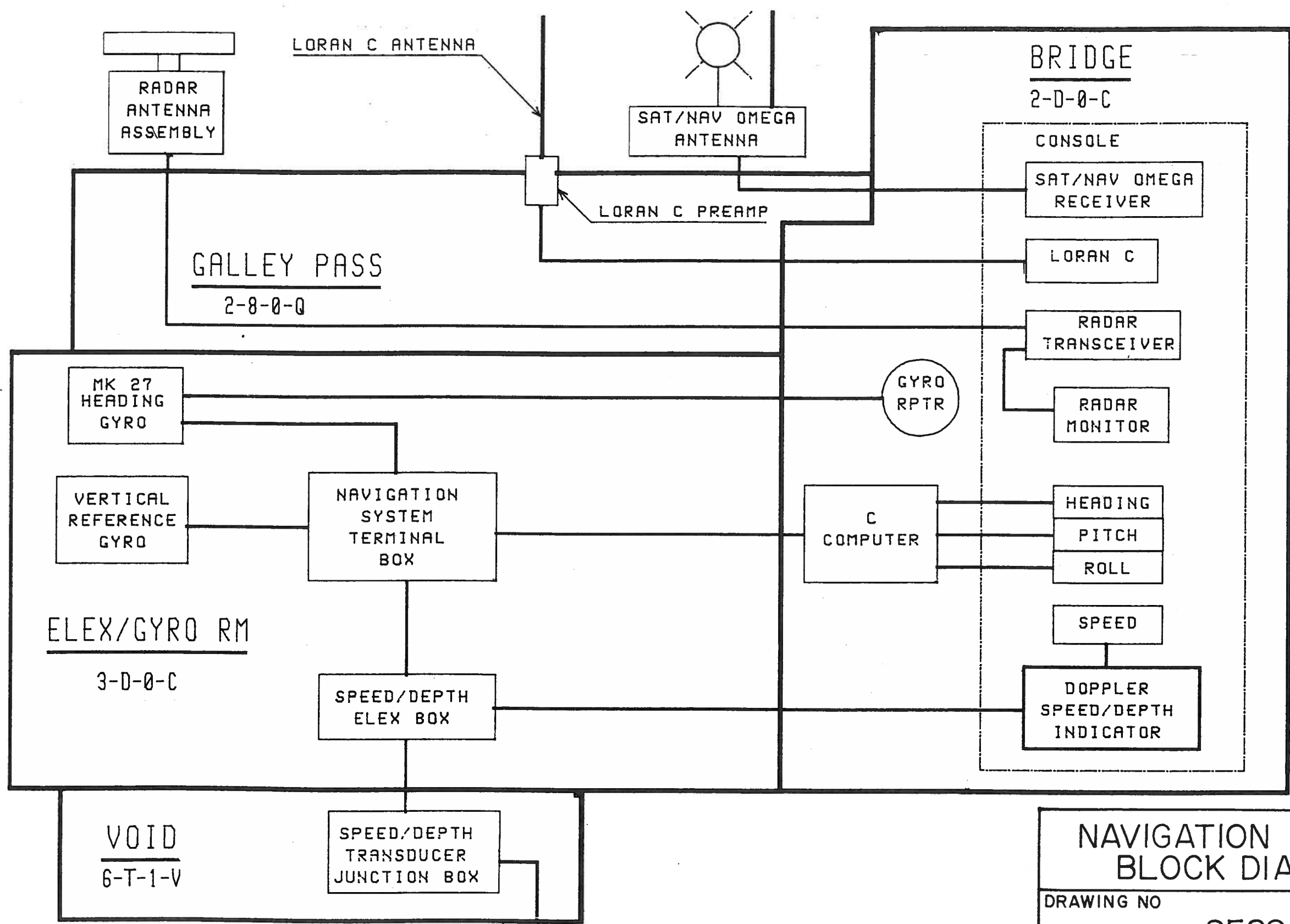
COMPUTER SYSTEM CONFIGURATION		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 3 OF 5	PAGE 35



COMPUTER SYSTEM CONFIGURATION		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 4 of 5	PAGE 36



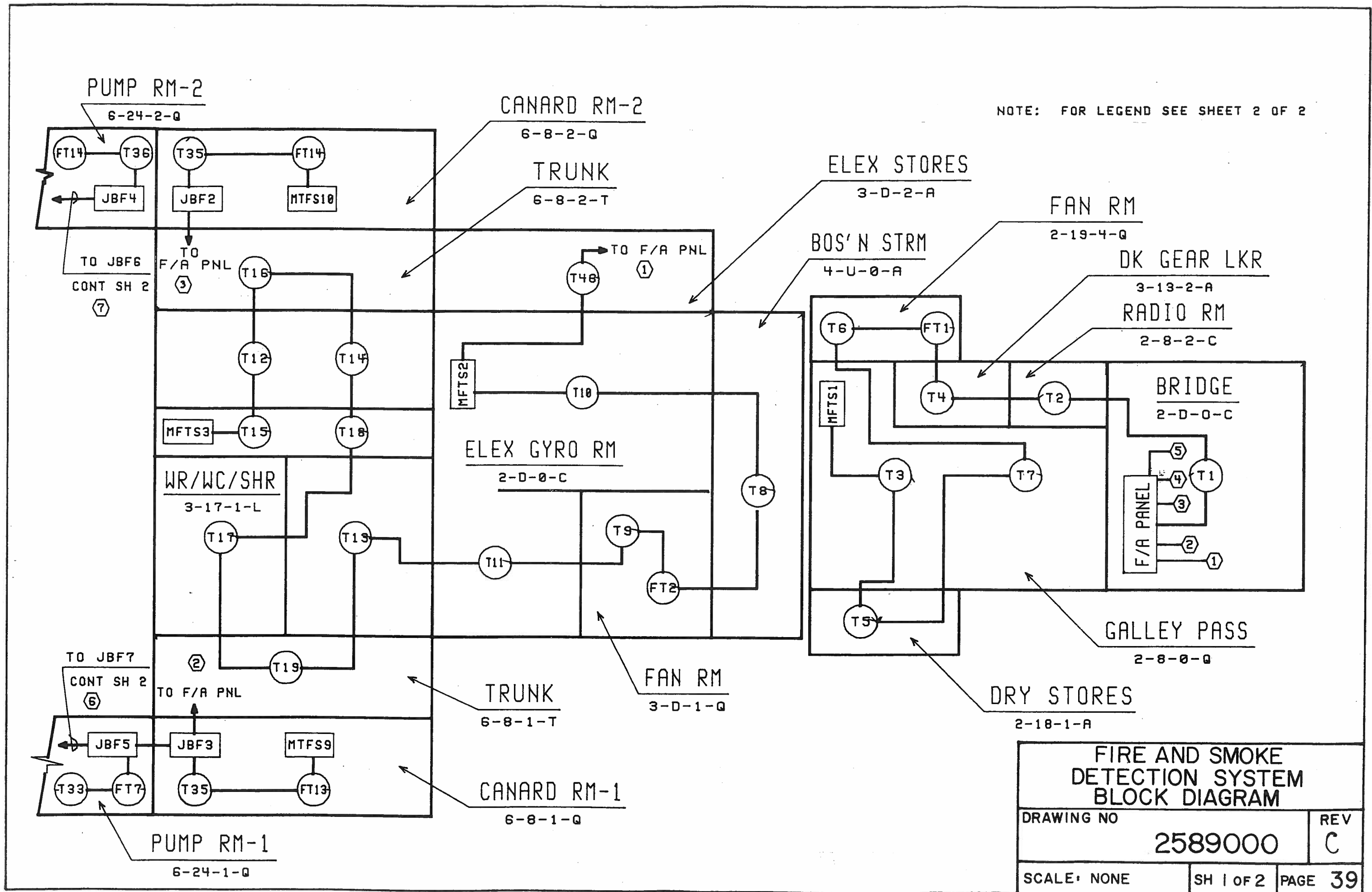
COMPUTER SYSTEM CONFIGURATION		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 5 of 5	PAGE 37



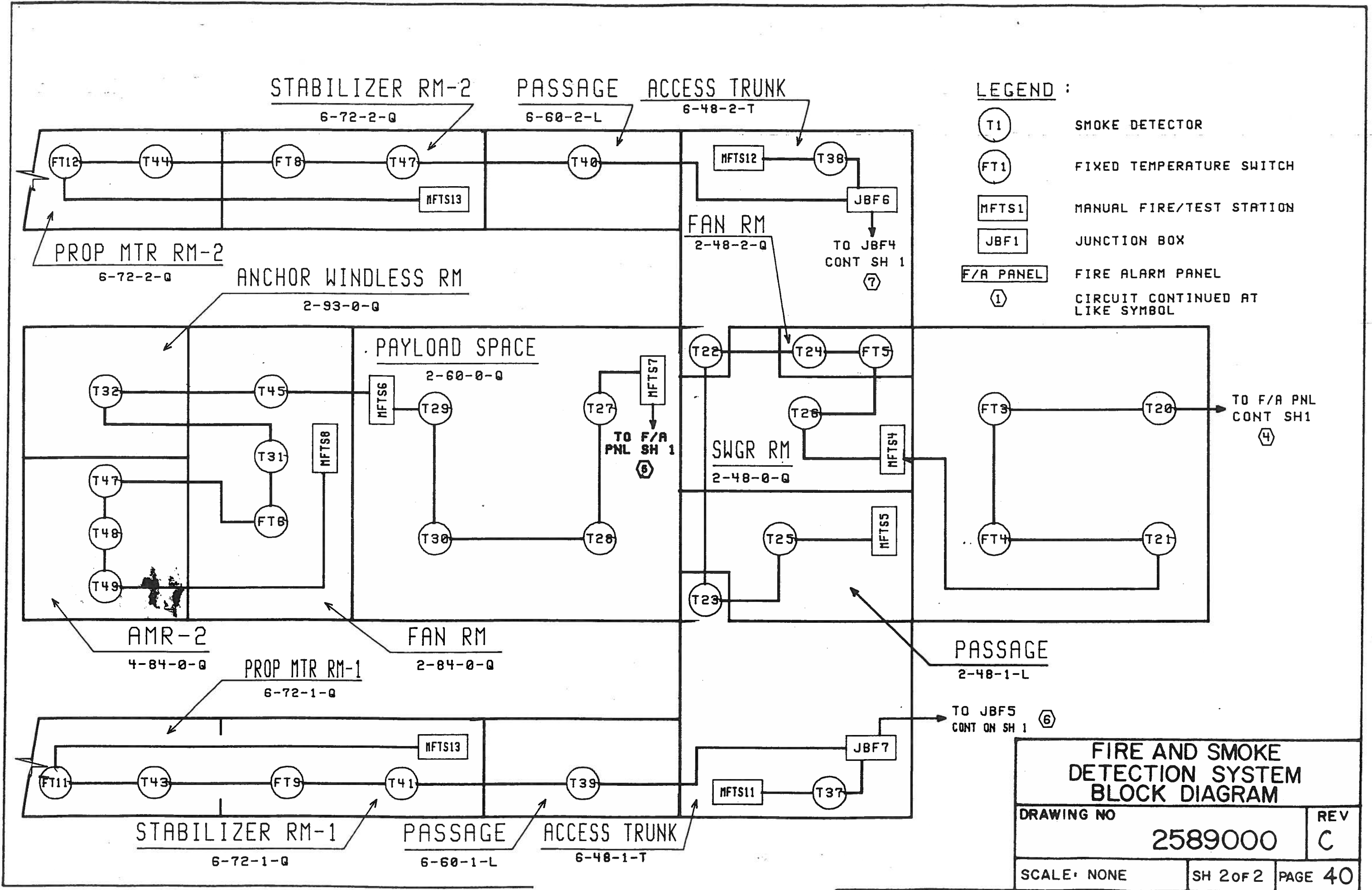
NAVIGATION SYSTEM BLOCK DIAGRAM

DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 38

NOTE: FOR LEGEND SEE SHEET 2 OF 2



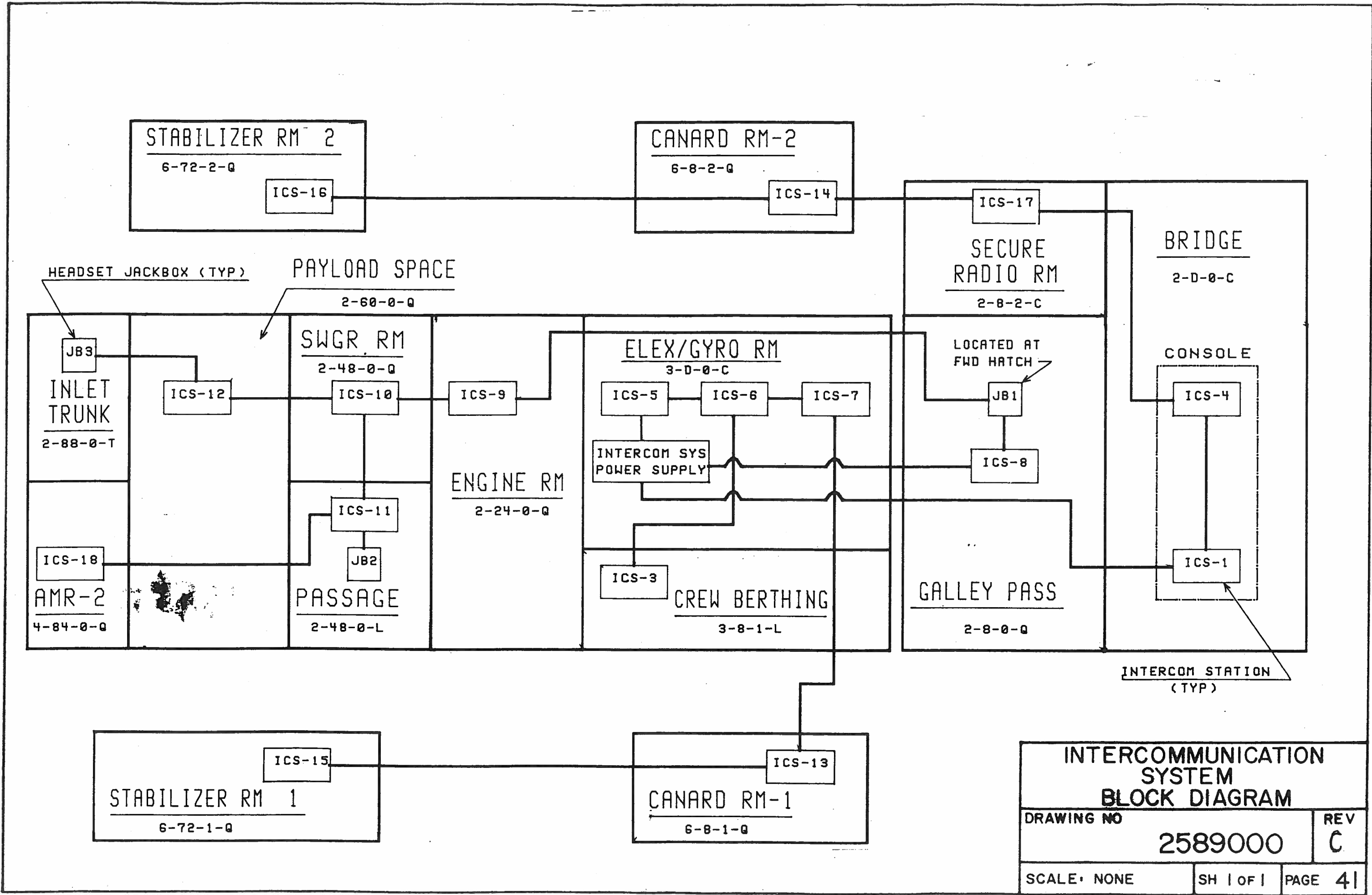
FIRE AND SMOKE DETECTION SYSTEM BLOCK DIAGRAM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 2	PAGE 39



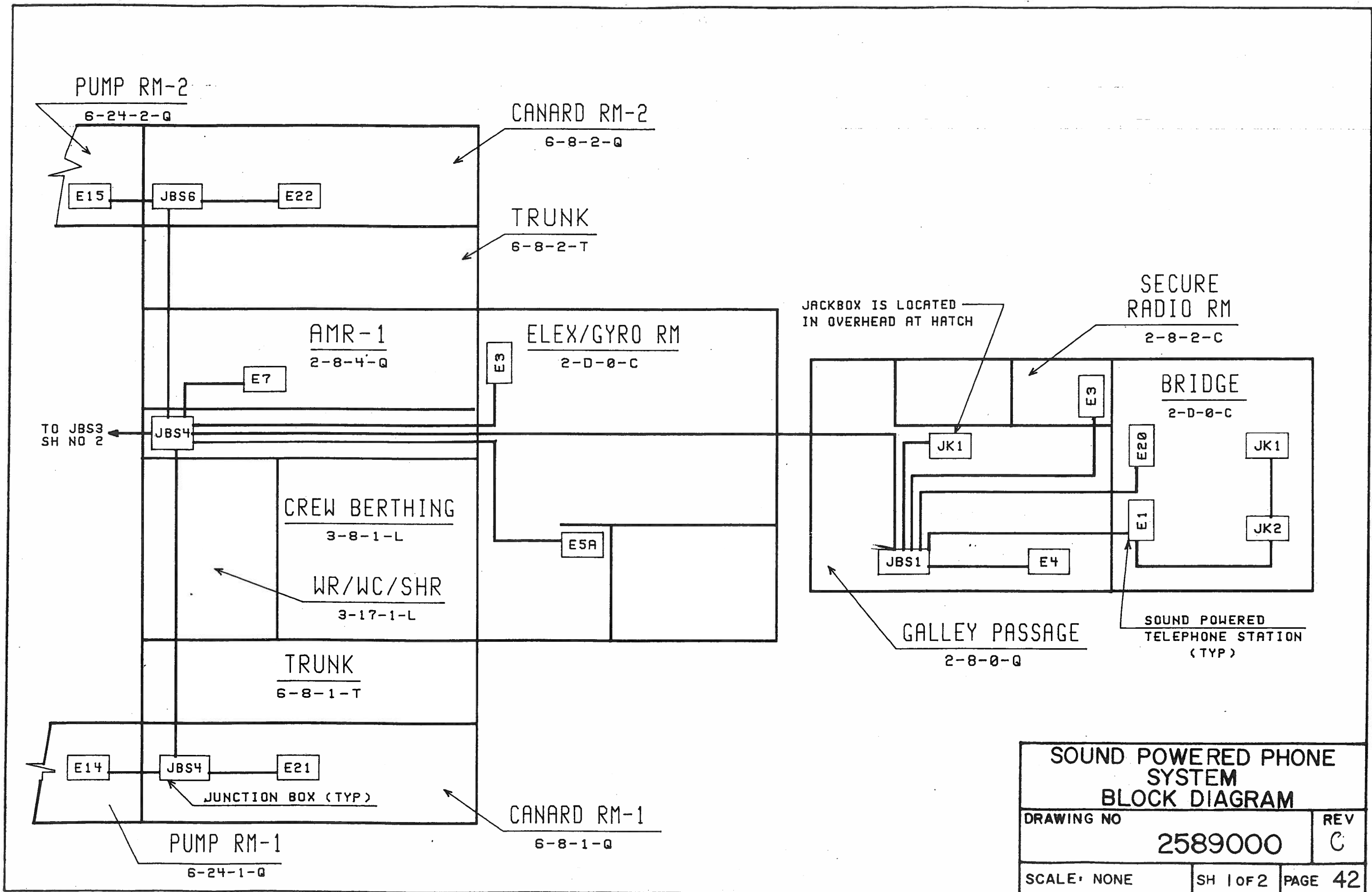
LEGEND :

- (T1) SMOKE DETECTOR
- (FT1) FIXED TEMPERATURE SWITCH
- [MFTS1] MANUAL FIRE/TEST STATION
- [JBF1] JUNCTION BOX
- [F/A PANEL] FIRE ALARM PANEL
- (1) CIRCUIT CONTINUED AT LIKE SYMBOL

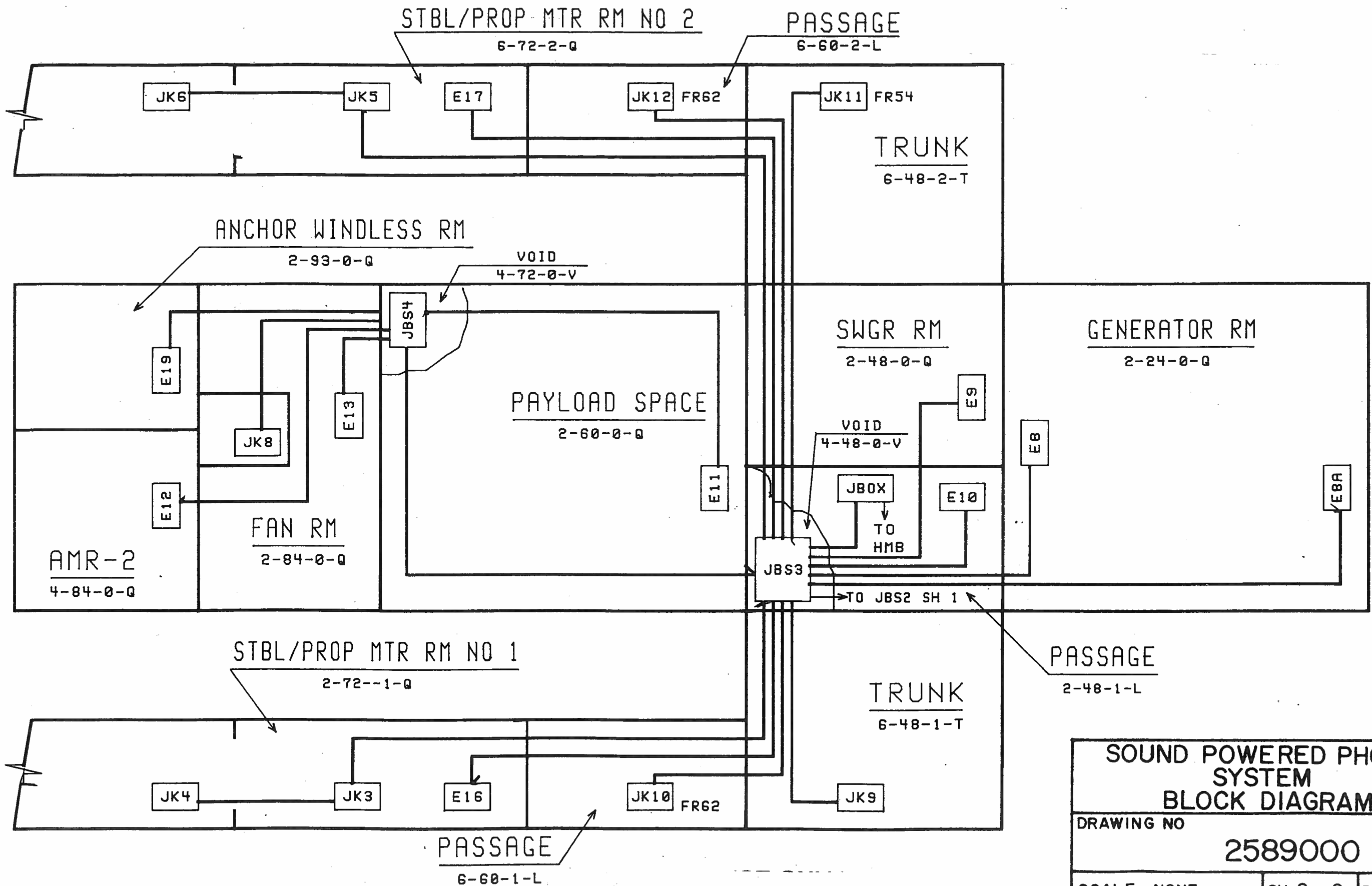
FIRE AND SMOKE DETECTION SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SH 2 OF 2	PAGE 40



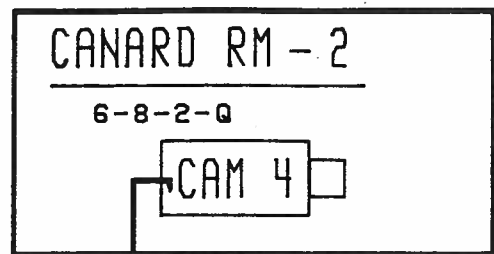
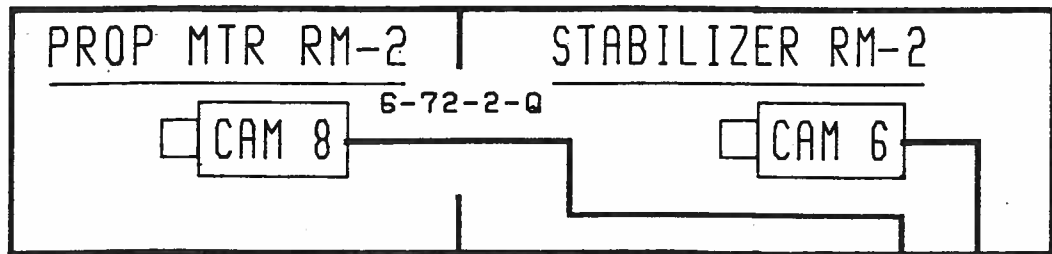
INTERCOMMUNICATION SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 1	PAGE 4



SOUND POWERED PHONE SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 2	PAGE 42

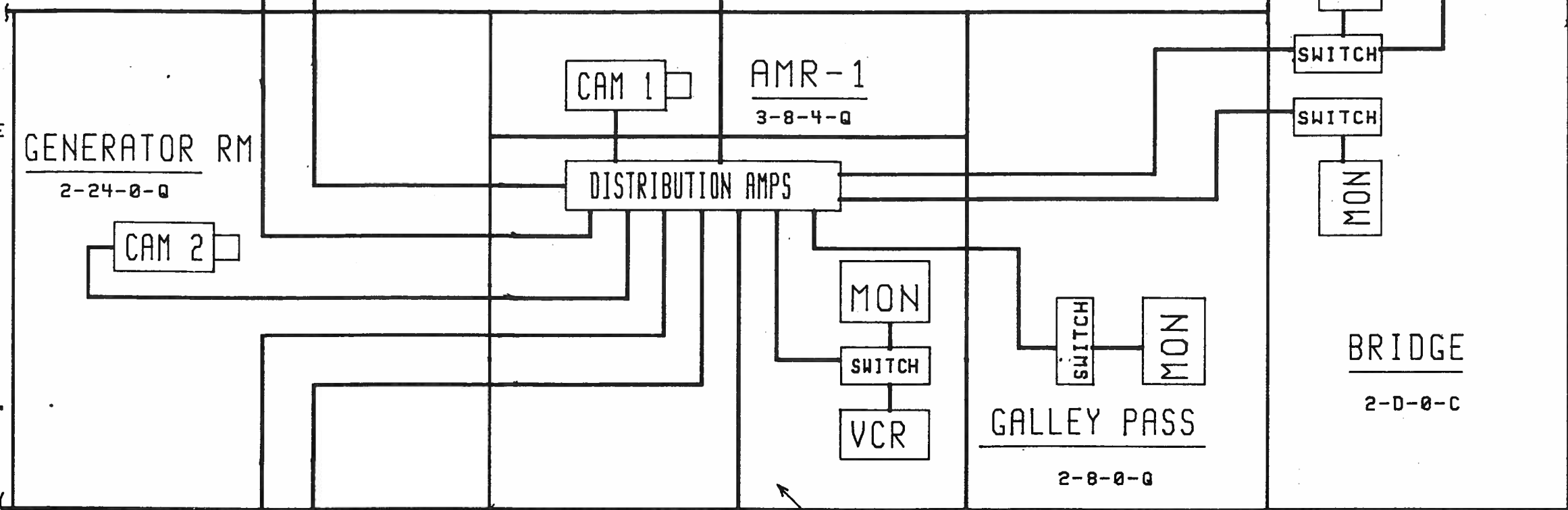


SOUND POWERED PHONE SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 2 OF 2	PAGE 43

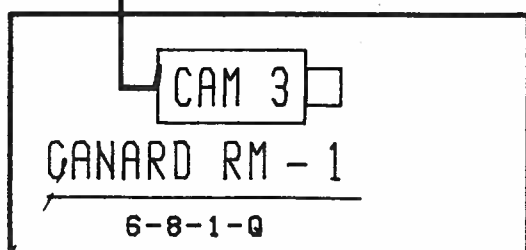
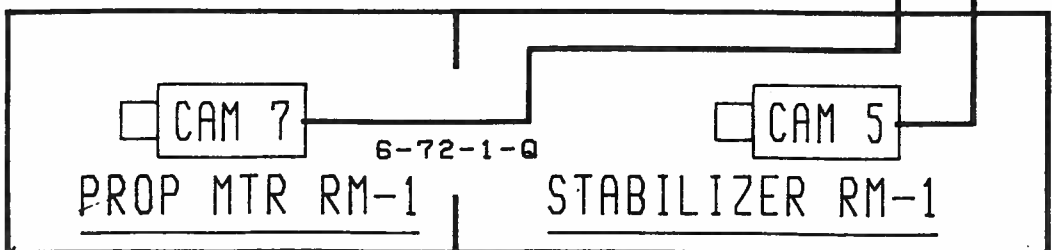


LEGEND:

- CAM TELEVISION CAMERA
- MON VIDEO MONITOR
- VCR VIDEO CASSETTE RECORDER
- SWITCH VIDEO SWITCHER

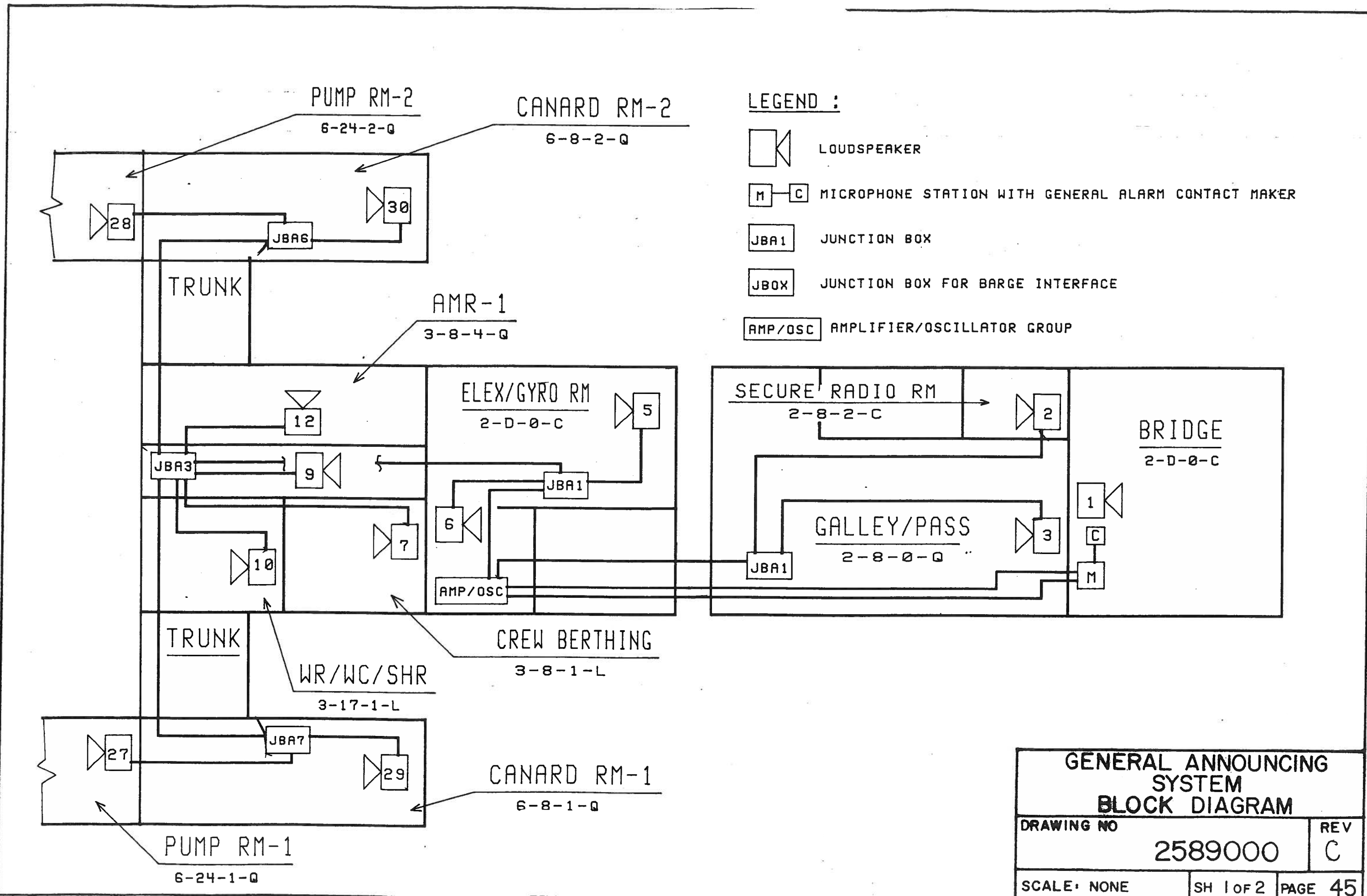


ELEX/GYRO RM
3-D-0-C

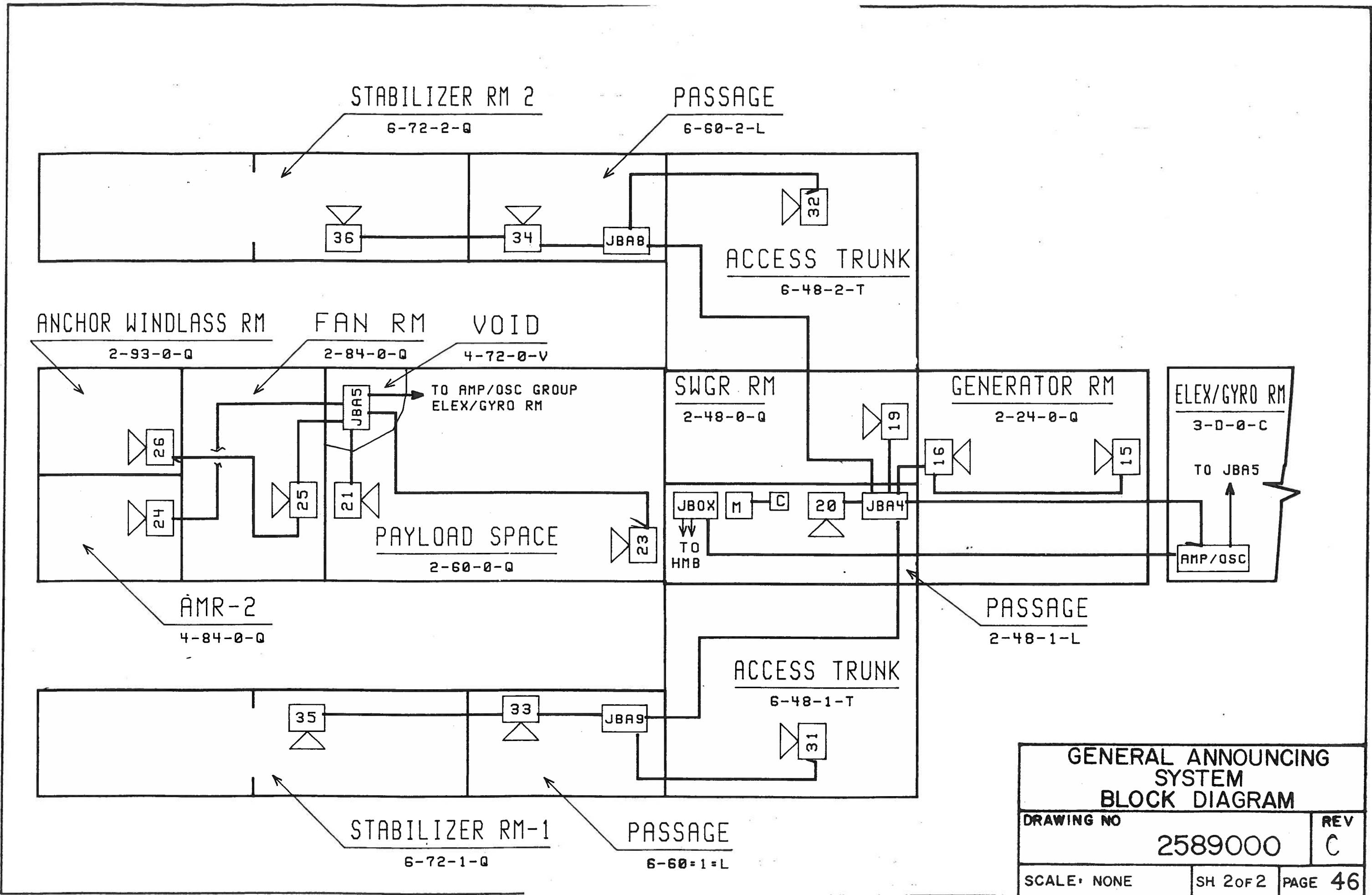


CLOSED CIRCUIT TV SYSTEM BLOCK DIA.

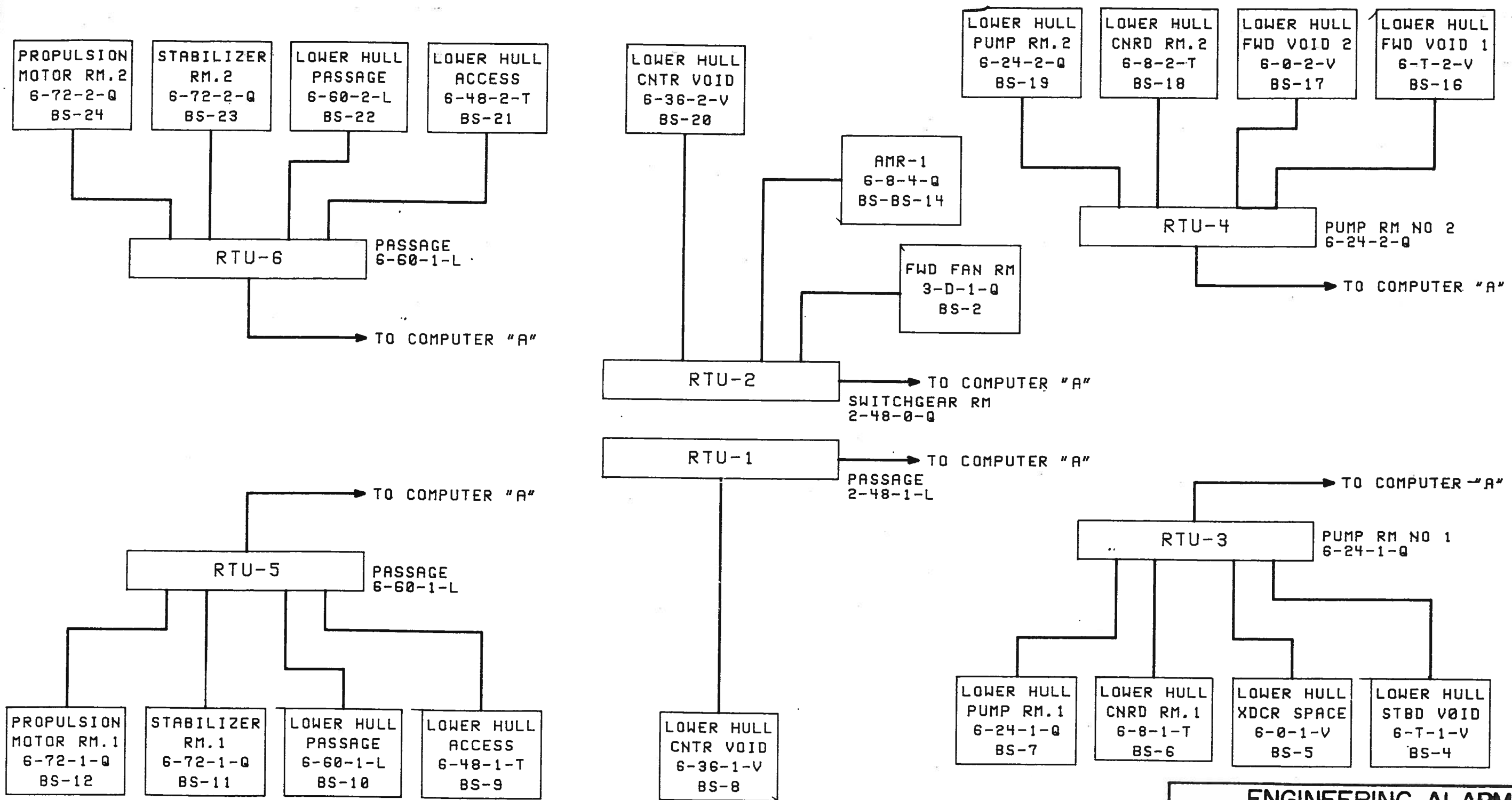
DRAWING NO	2589000	REV	C
SCALE: NONE	SH 1 OF 1	PAGE	44



GENERAL ANNOUNCING SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 of 2	PAGE 45

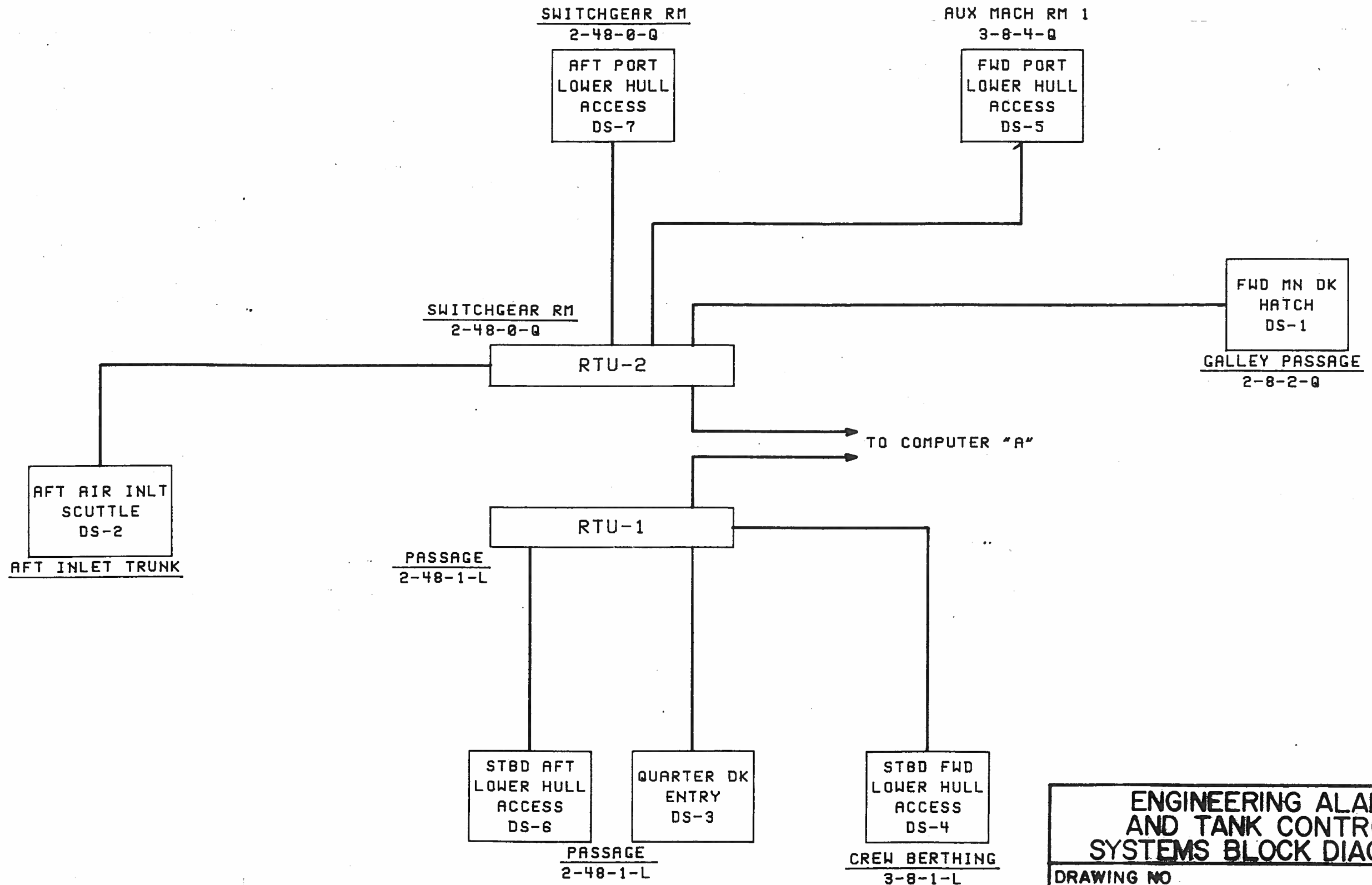


GENERAL ANNOUNCING SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 2 OF 2	PAGE 46



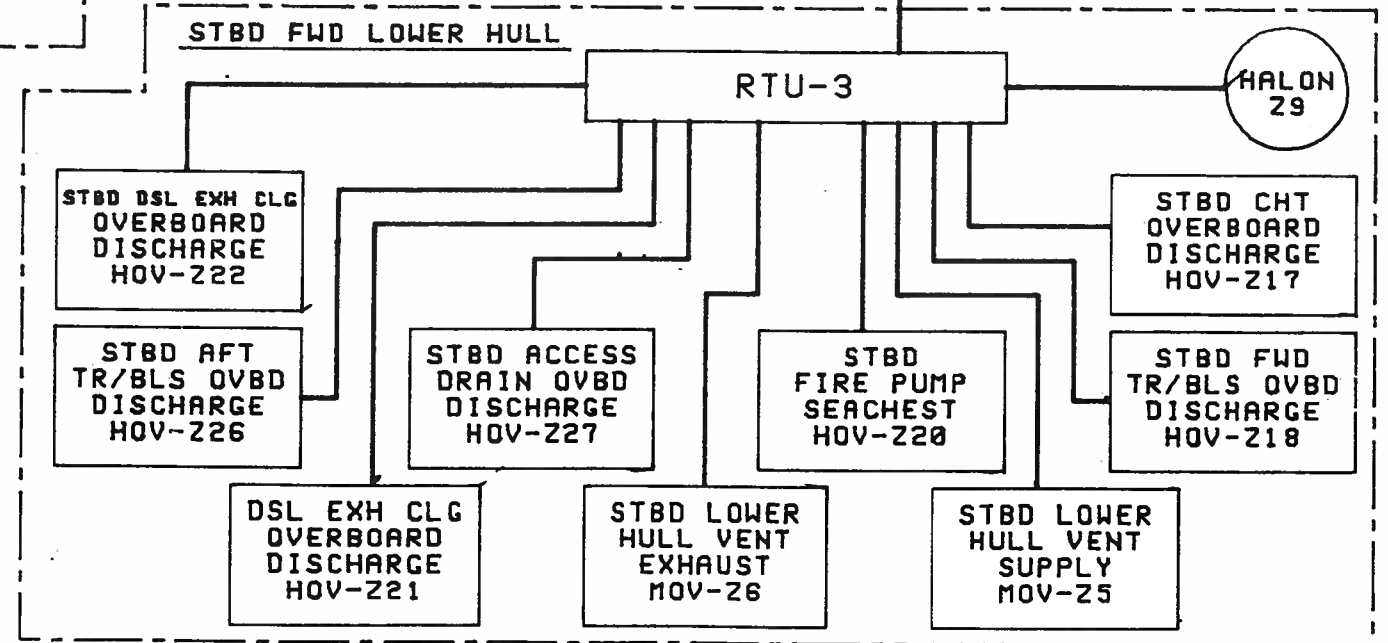
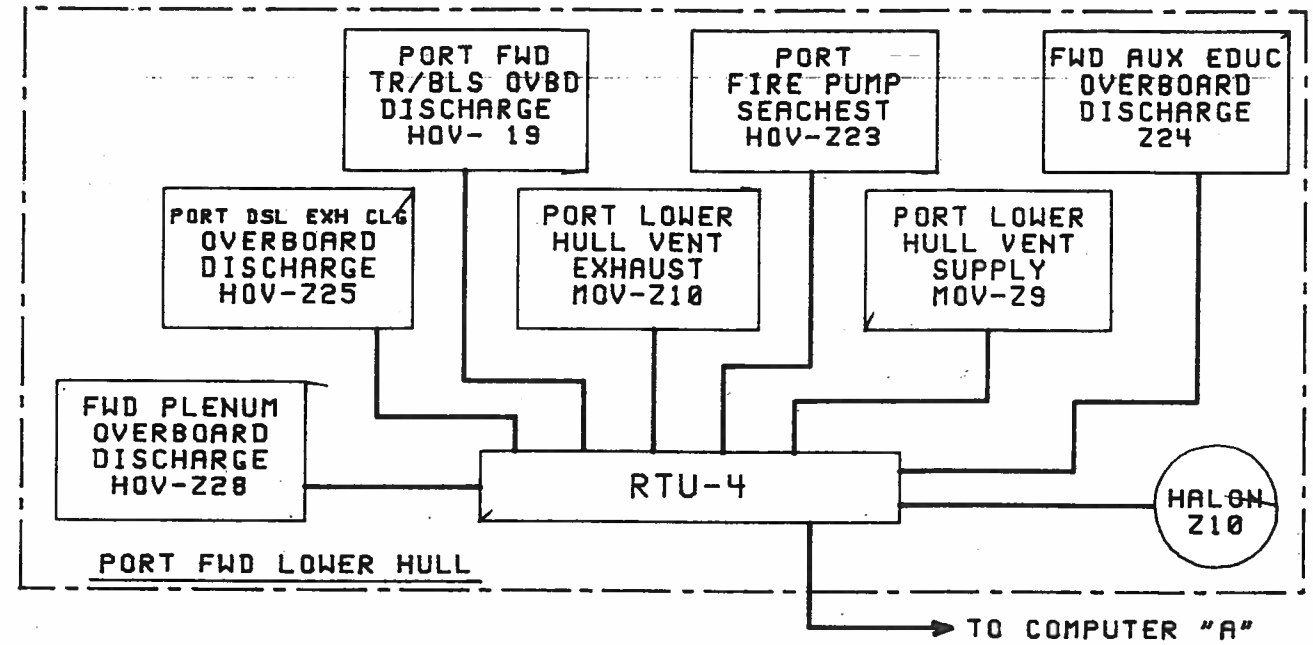
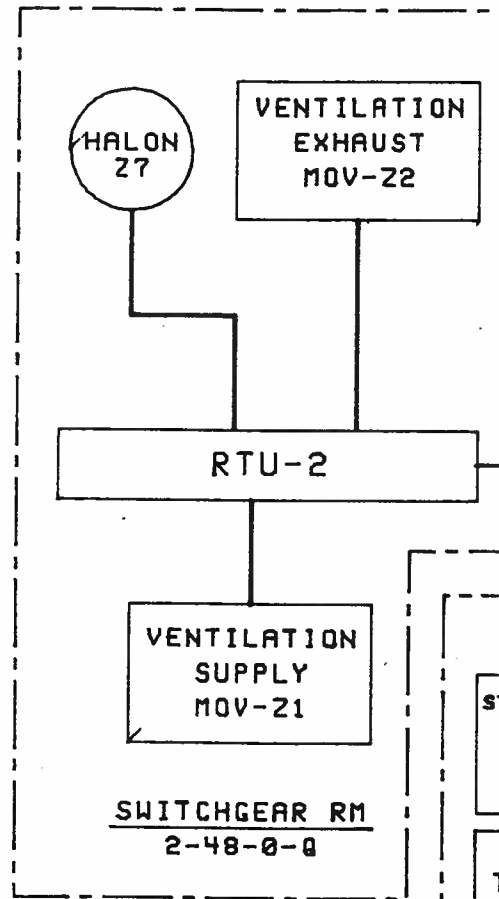
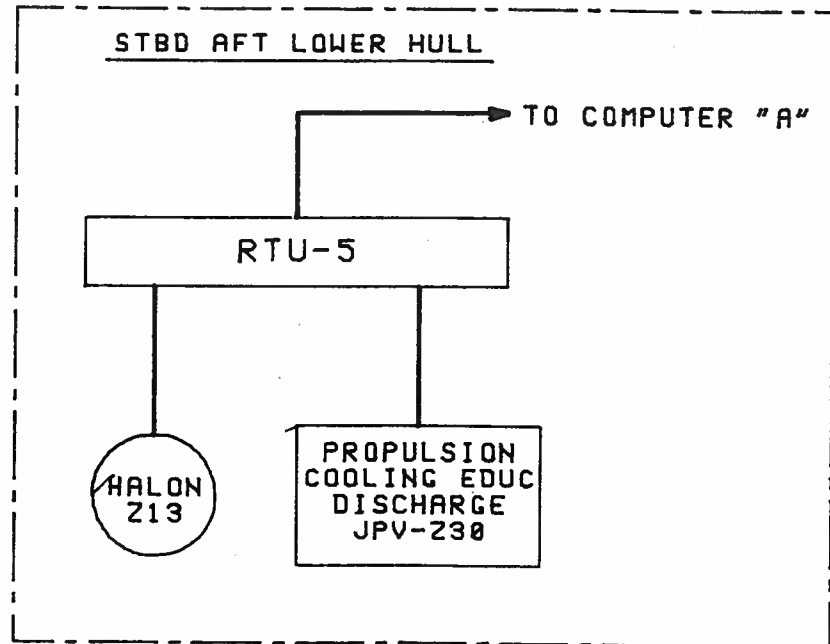
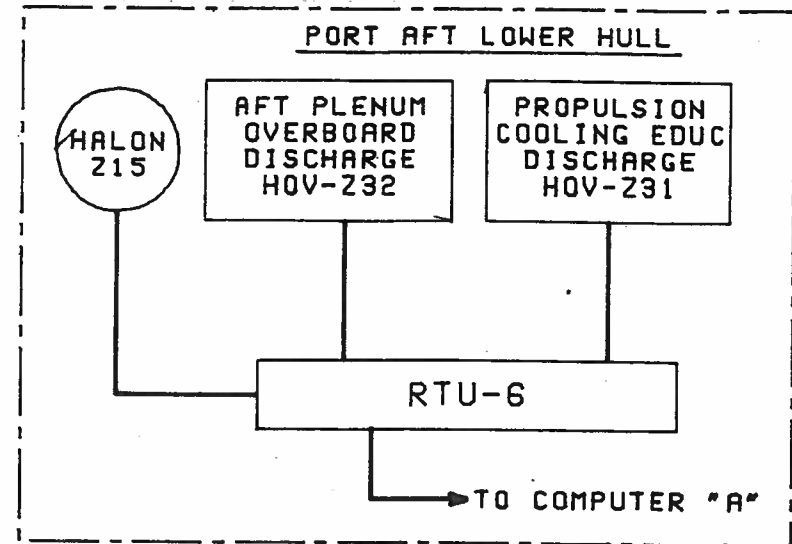
BILGE ALARM SYSTEM

ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 9	PAGE 47



DOOR AND HATCHES ALARM SYS

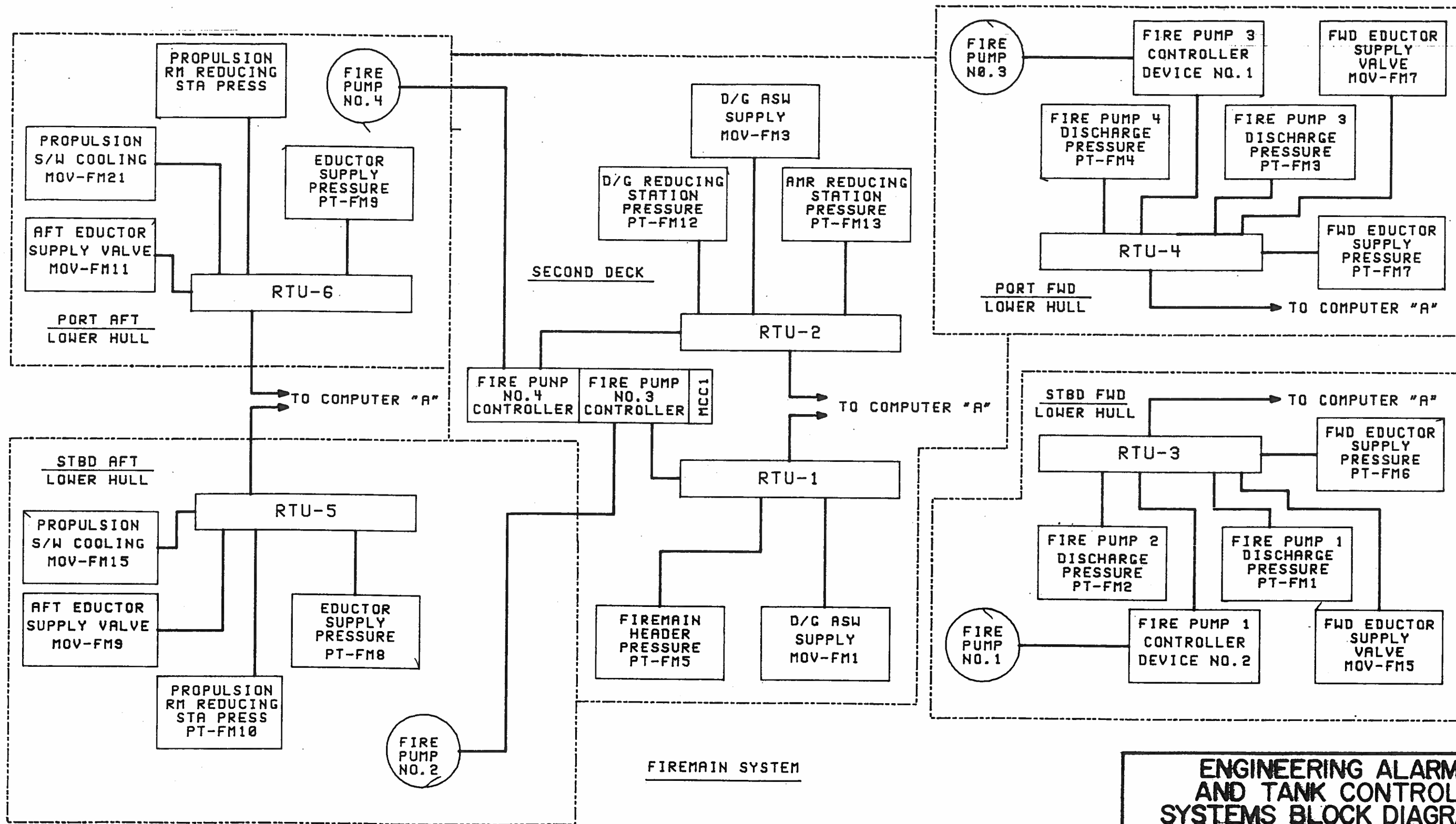
ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO.	2589000	REV C
SCALE: NONE	SH 20F9	PAGE 48



DAMAGE CONTROL SYSTEM

ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM

DRAWING NO	REV
2589000	C
SCALE: NONE	SH 3 OF 9 PAGE 49



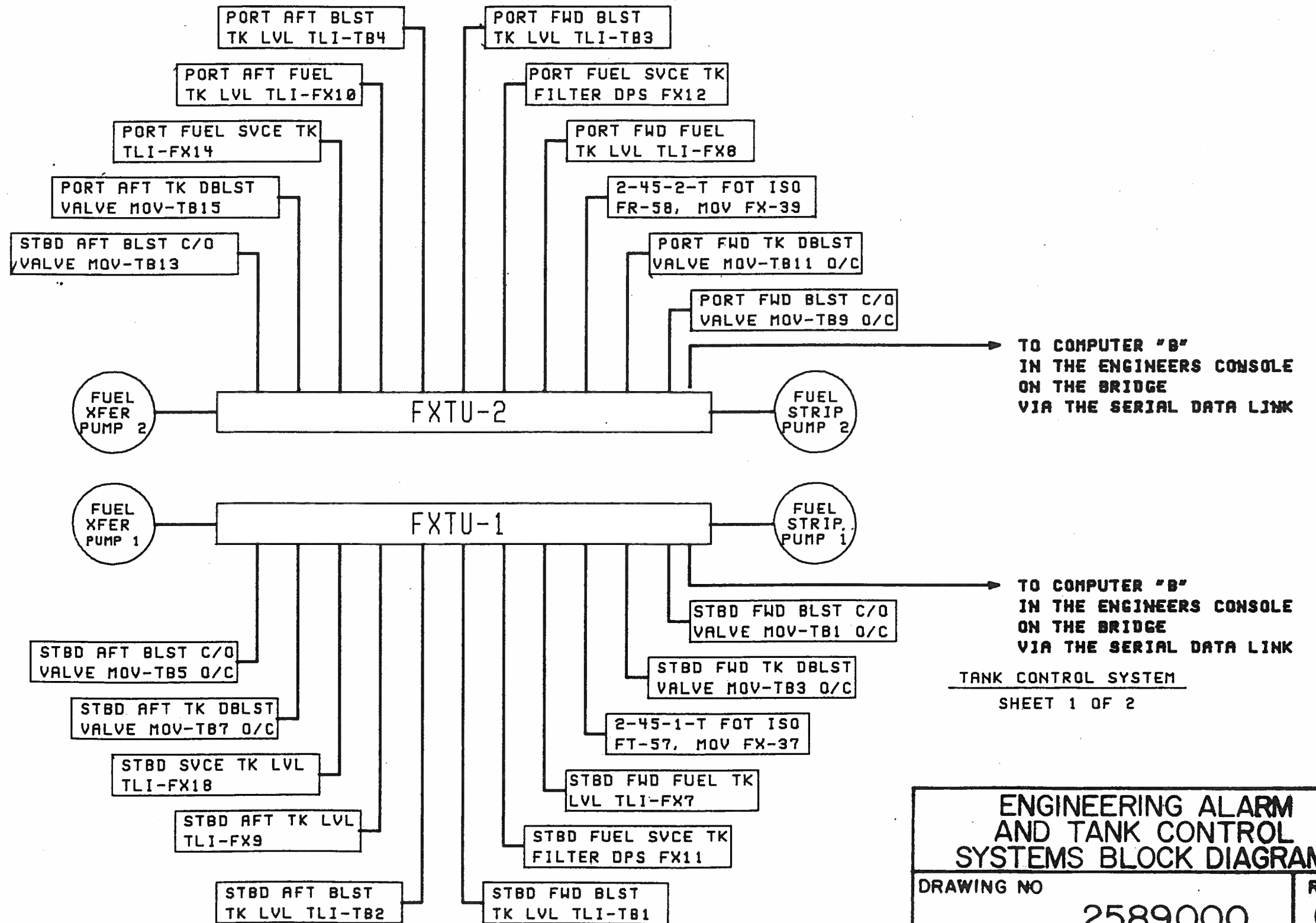
ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 4 OF 9	PAGE 50

GENERATOR RM

2-24-0-0

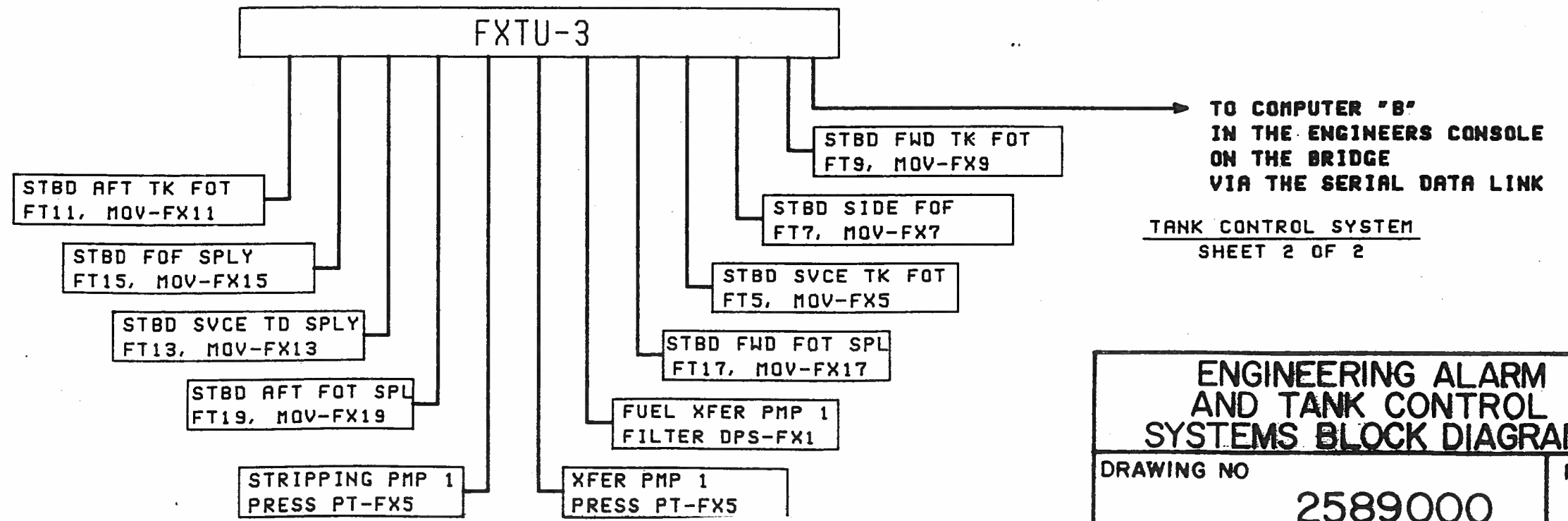
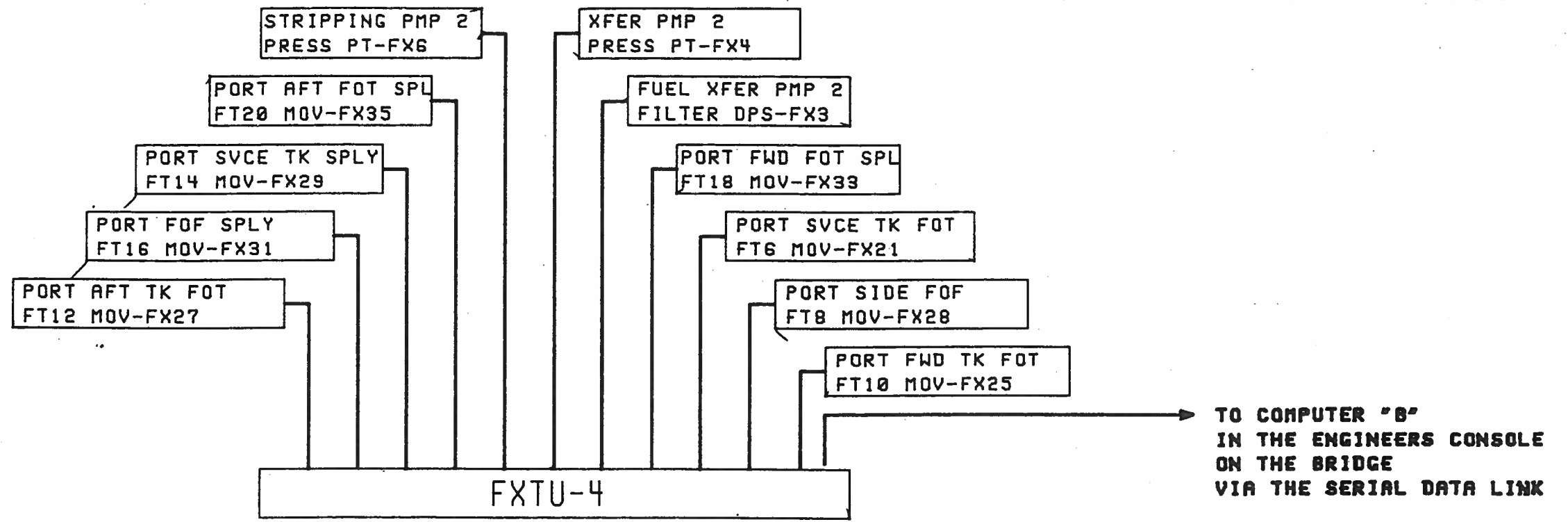
LEGEND:

FOF FUEL OIL FILL
 FOT FUEL OIL TRANSFER
 MOV MOTOR OPERATED VALVE
 TLI TANK LEVEL INDICATOR
 BLST BALLAST
 DPS DIFFERENTIAL PRESSURE SWITCH
 O/C OPEN/CLOSE
 C/O CUT/OUT



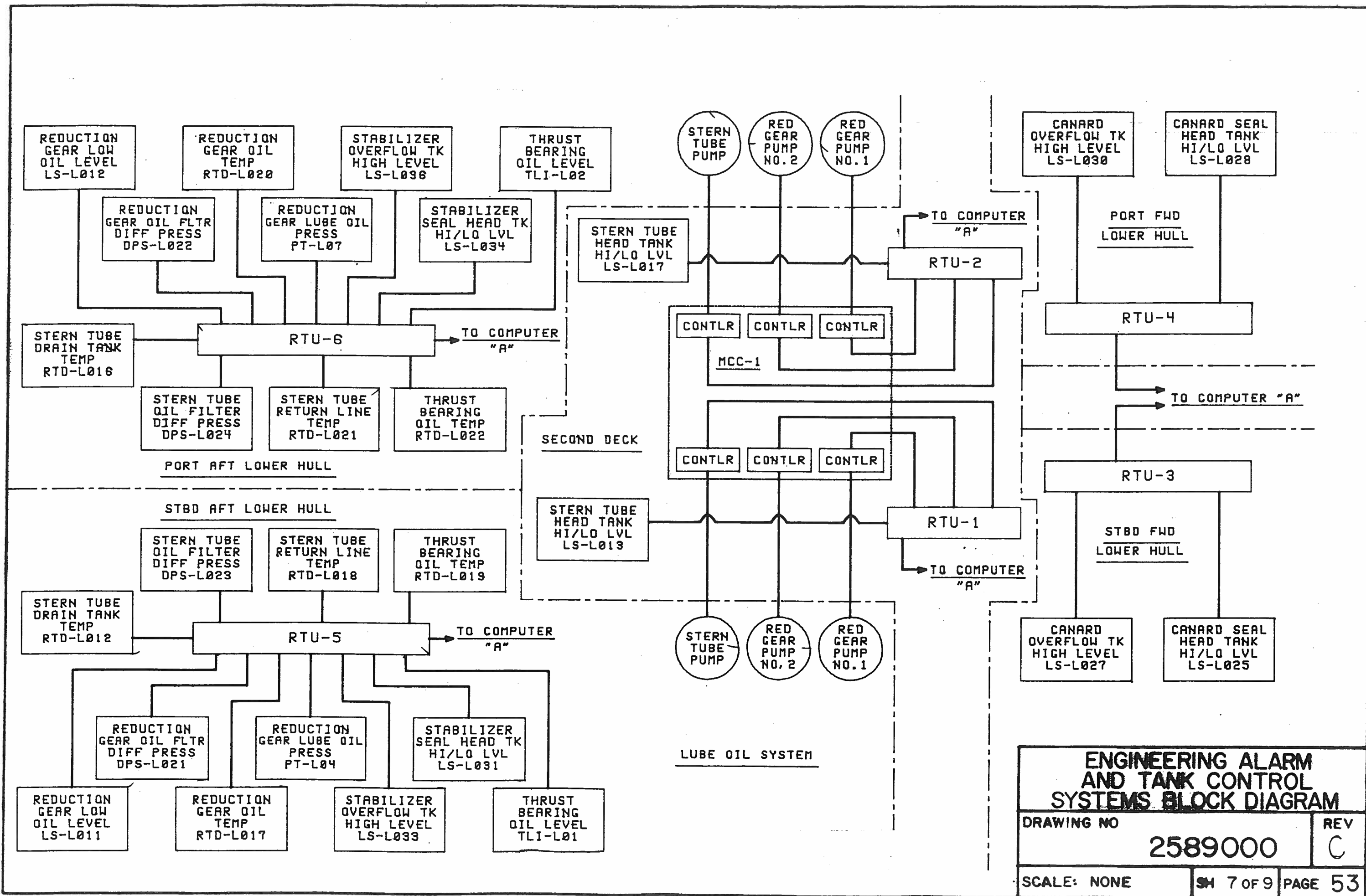
TANK CONTROL SYSTEM
 SHEET 1 OF 2

ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 50F9	PAGE 51



TANK CONTROL SYSTEM
SHEET 2 OF 2

ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 6 OF 9	PAGE 52



ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 7 OF 9	PAGE 53

STABILIZER
SIDE B
PRESSURE
PT-HY16

STABILIZER
SIDE A
PRESSURE
PT-HY10

STABILIZER
SYD SYS
FLTR D/P
FPS-HY10

RTU-6

PORT AFT LOWER HULL → TO COMPUTER "A"

STBD AFT LOWER HULL

→ TO COMPUTER "A"

RTU-5

STABILIZER
SIDE B
PRESSURE
PT-HY13

STABILIZER
SIDE A
PRESSURE
PT-HY12

STABILIZER
HYD SYS
FLTR D/P
FPS-HY9

PORT PUMP
OUTLET
PRESSURE
PT-HY4

PORT PUMP
REPLENISH
PRESSURE
PT-HY3

PORT AUX
PMP FLTR
DIFF PRESS
FPS-HY6

PORT PUMP
SUCT LINE
FLTR D/P
FPS-HY4

SECOND DECK

RTU-2

DGDU-2

SOV
HY-2

→ TO COMPUTER "A"

RTU-1

DGDU-1

SOV
HY-1

→ TO COMPUTER "A"

STBD PUMP
OUTLET
PRESSURE
PT-HY2

STBD SUCT
PUMP LINE
FLTR D/P
FPS-HY3

STBD AUX
PUMP FLTR
DIFF PRESS
FPS-HY5

STBD PUMP
REPLENISH
PRESSURE
PT-HY1

HYDRAULIC SYSTEM

CANARD
SIDE B
PRESSURE
PT-HY10

CANARD
SIDE A
PRESSURE
PT-HY9

CANARD
M/F
PRESSURE
PT-HY8

CNRD HYD
SYS FLTR
DIFF PRESS
FPS-HY8

RTU-4

→ TO COMPUTER "A"

PORT FWD LOWER HULL

STBD FWD LOWER HULL

→ TO COMPUTER "A"

RTU-3

CANARD
SIDE B
PRESSURE
T-HY7

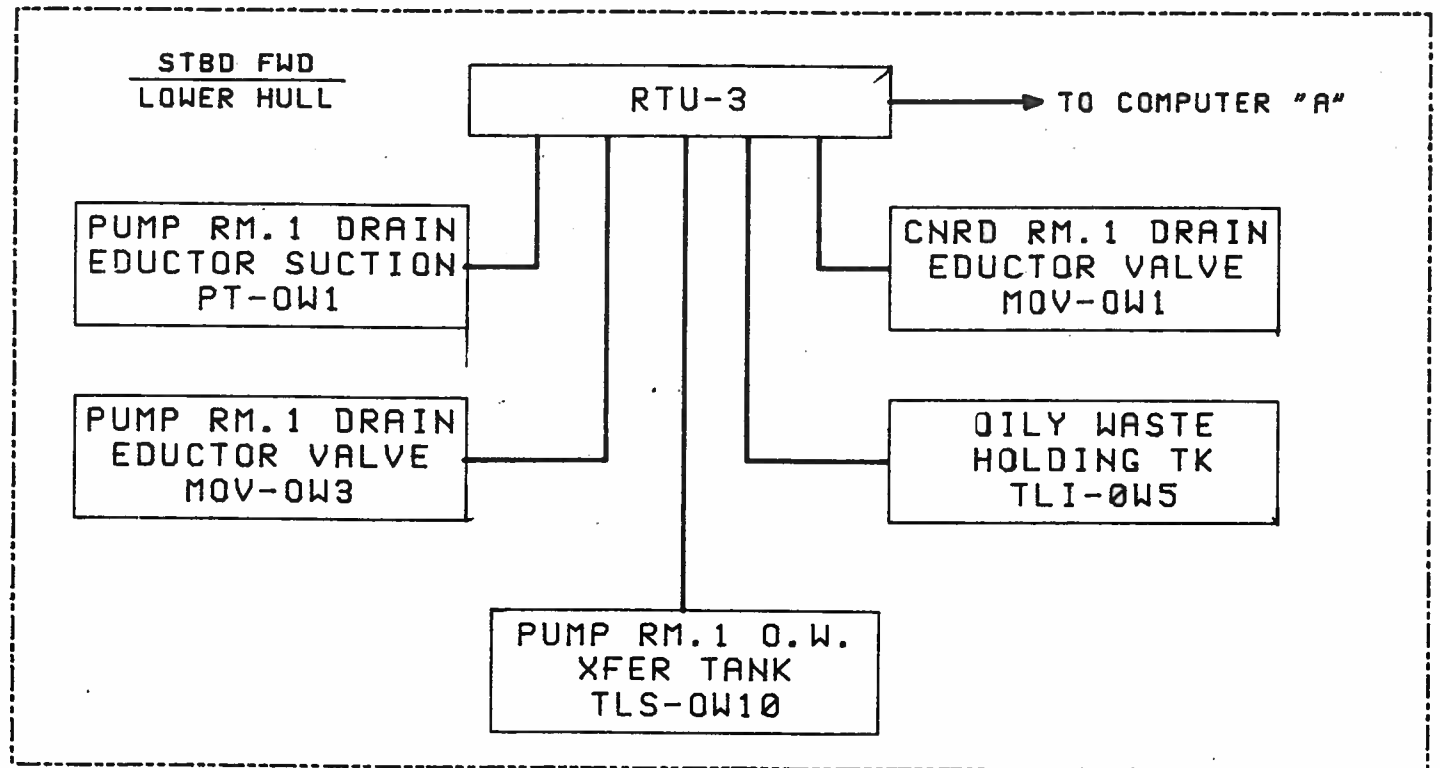
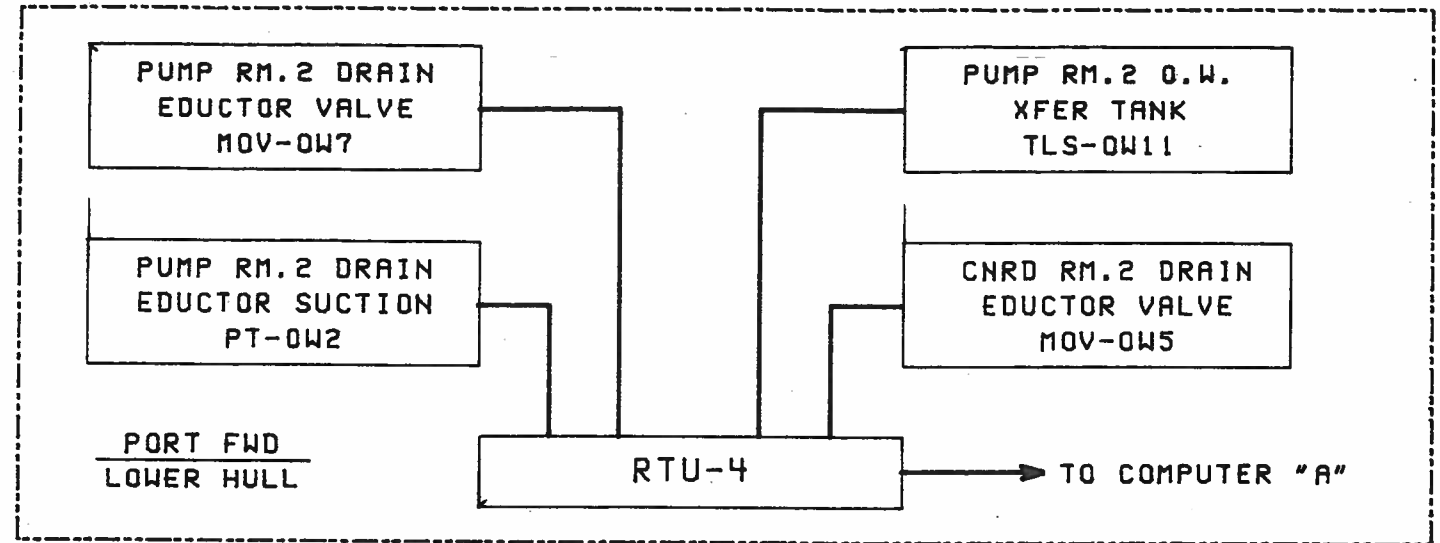
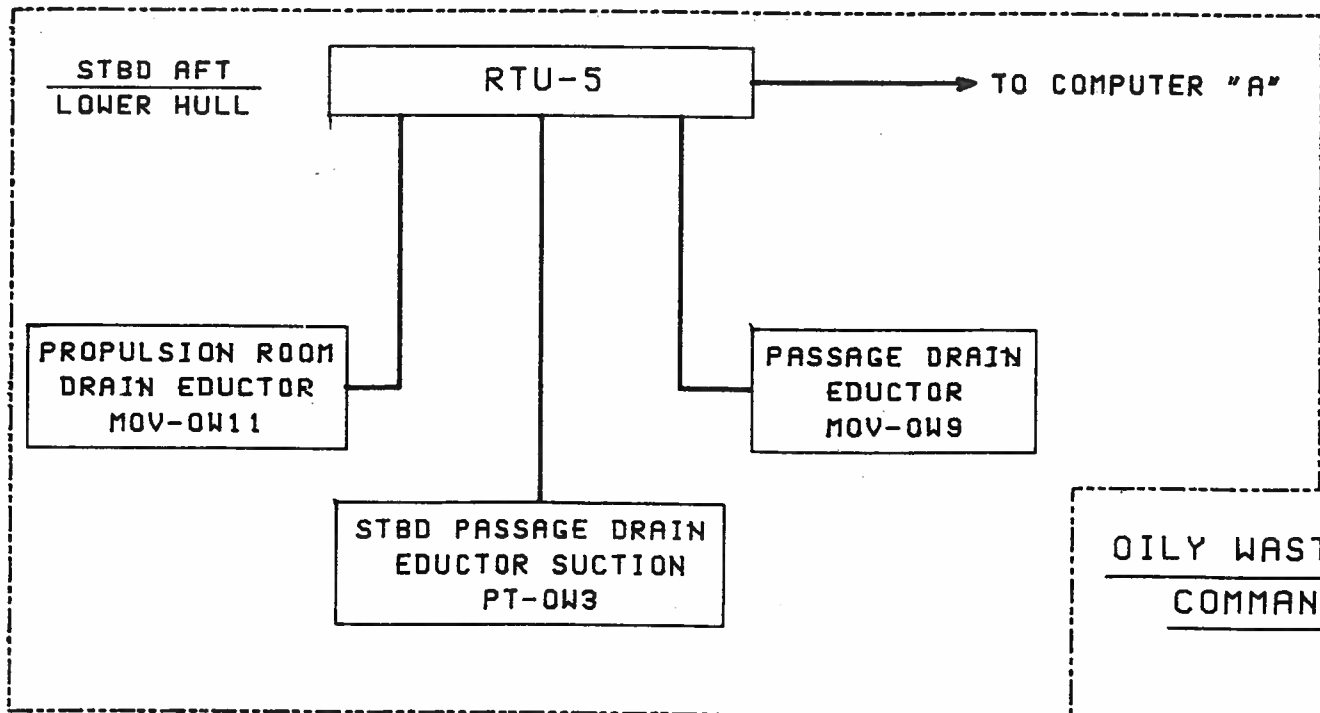
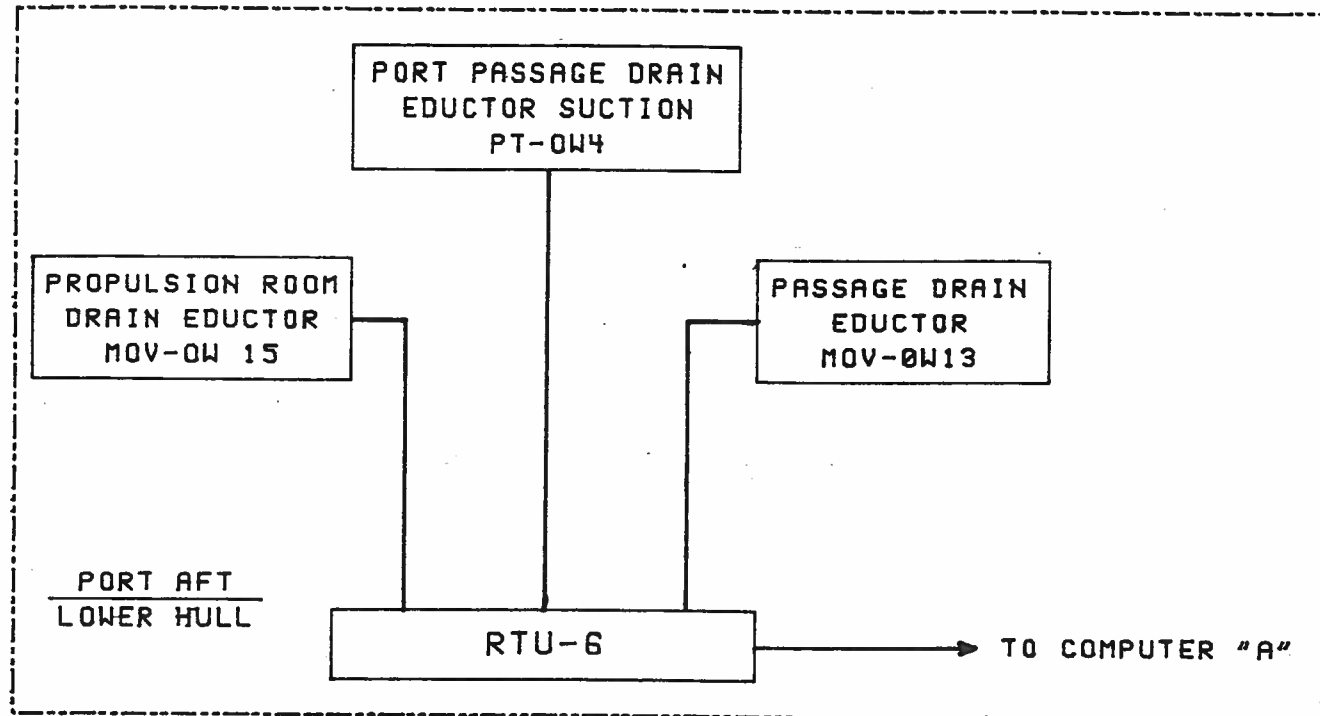
CANARD
SIDE A
PRESSURE
PT-HY6

CANARD
M/F
PRESSURE
PT-HY5

CNRD HYD
SYS FLTR
DIFF PRESS
FPS-HY7

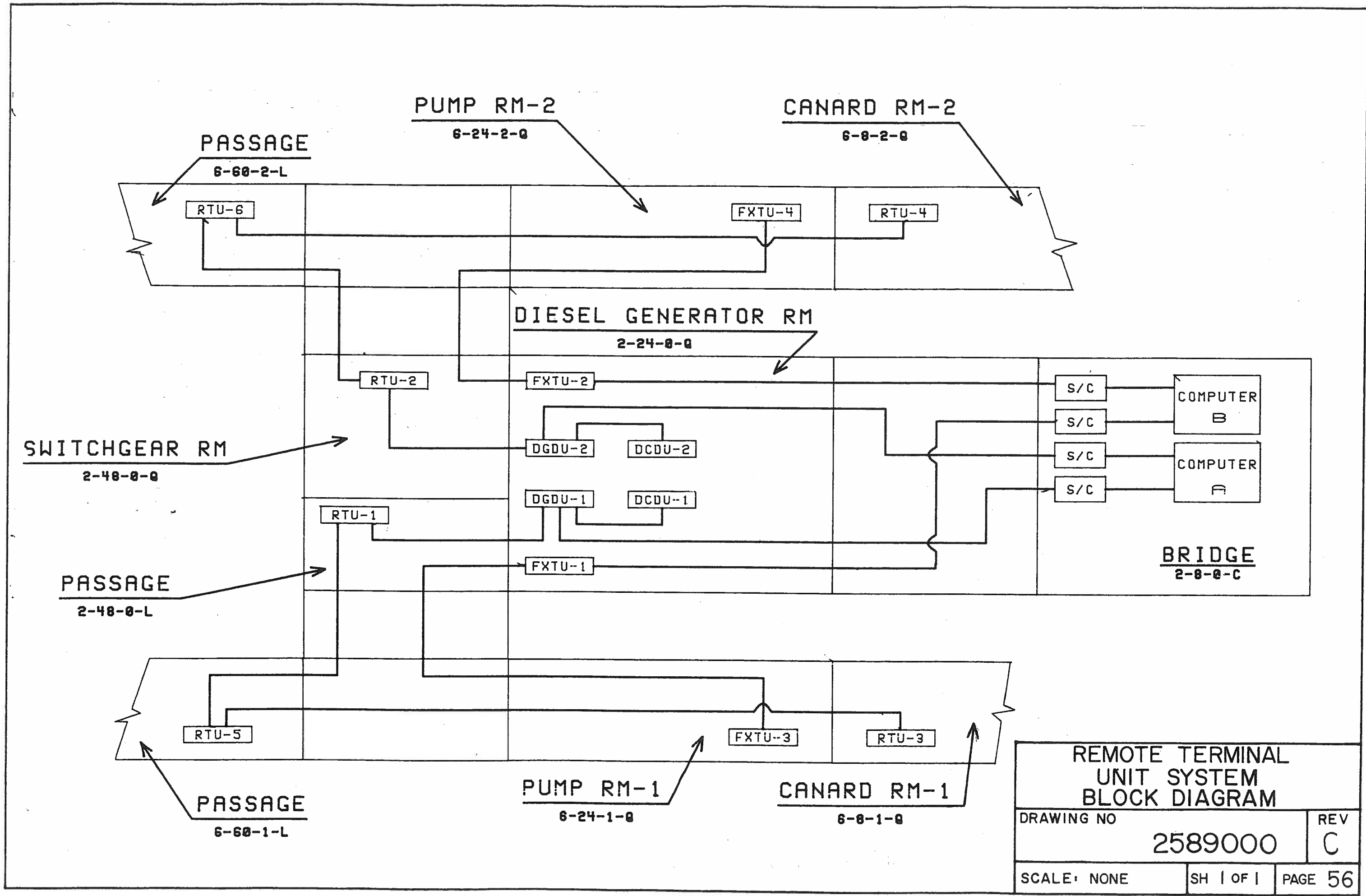
ENGINEERING ALARM
AND TANK CONTROL
SYSTEMS BLOCK DIAGRAM

DRAWING NO	REV
2589000	C
SCALE: NONE	SH 80F9 PAGE 54

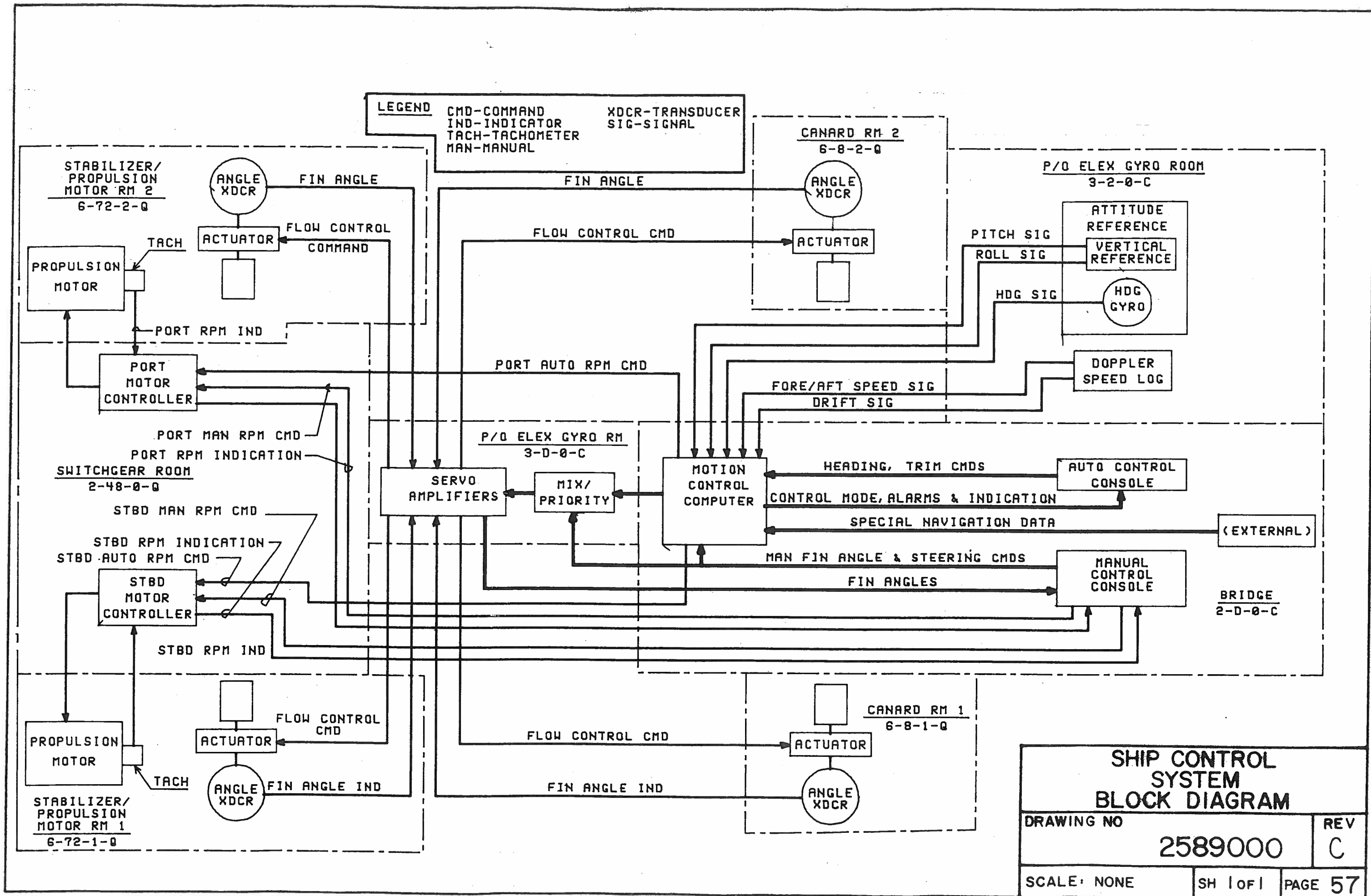


OILY WASTE AND DRAIN SYSTEM
COMMAND AND INDICATION

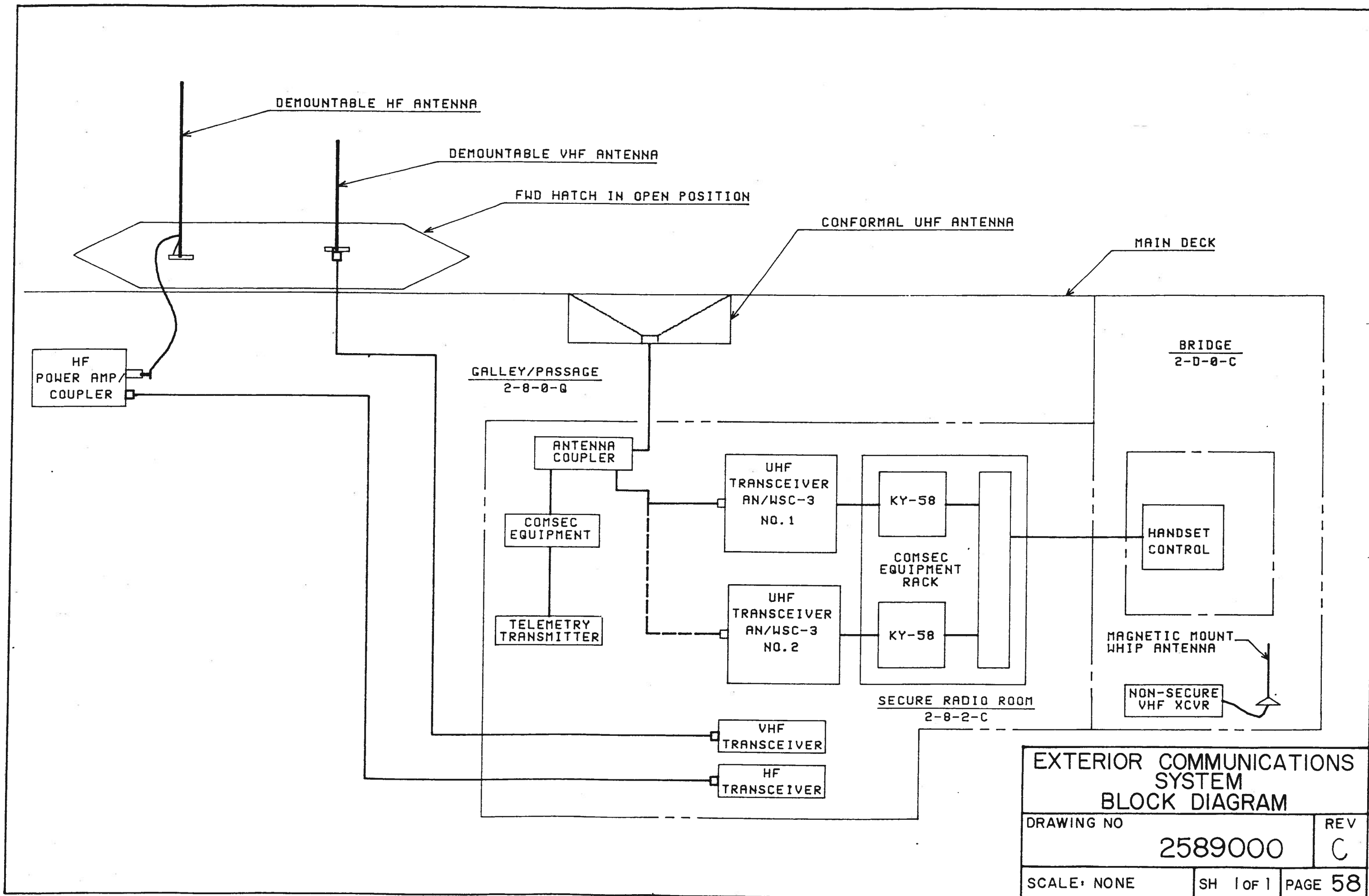
ENGINEERING ALARM AND TANK CONTROL SYSTEMS BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 9 OF 9	PAGE 55



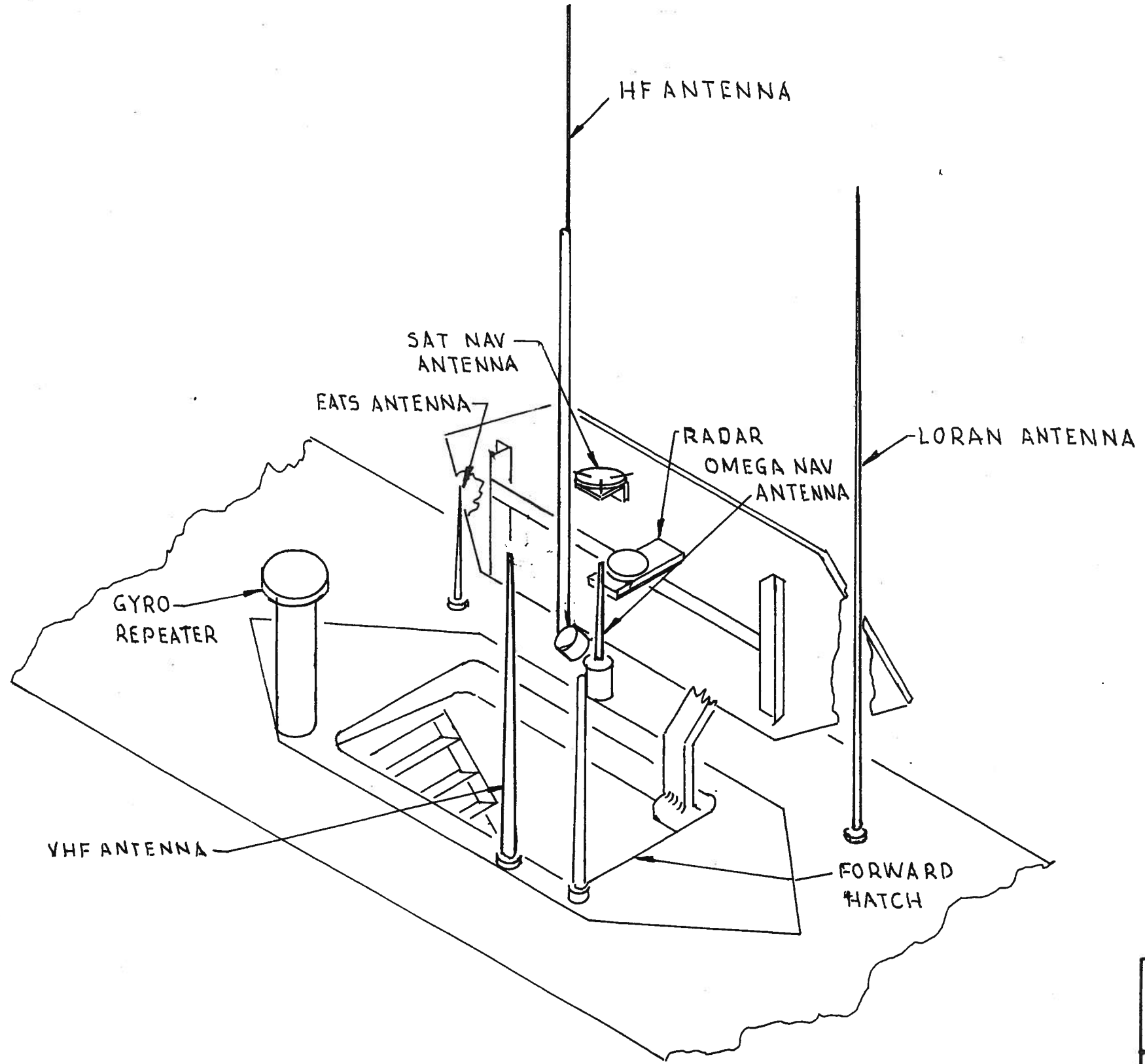
REMOTE TERMINAL UNIT SYSTEM BLOCK DIAGRAM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 56



SHIP CONTROL SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	
		REV C
SCALE: NONE	SH 1 OF 1	PAGE 57

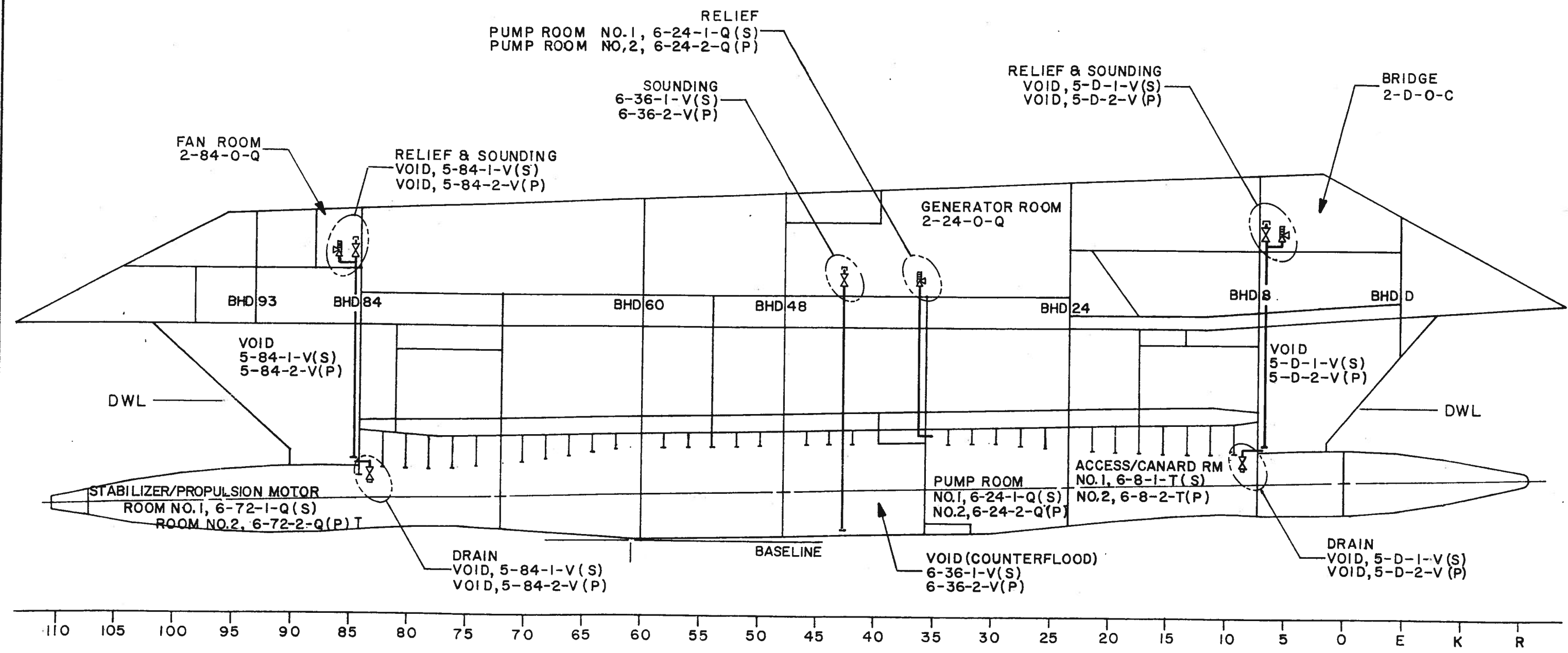


EXTERIOR COMMUNICATIONS SYSTEM BLOCK DIAGRAM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 of 1	PAGE 58

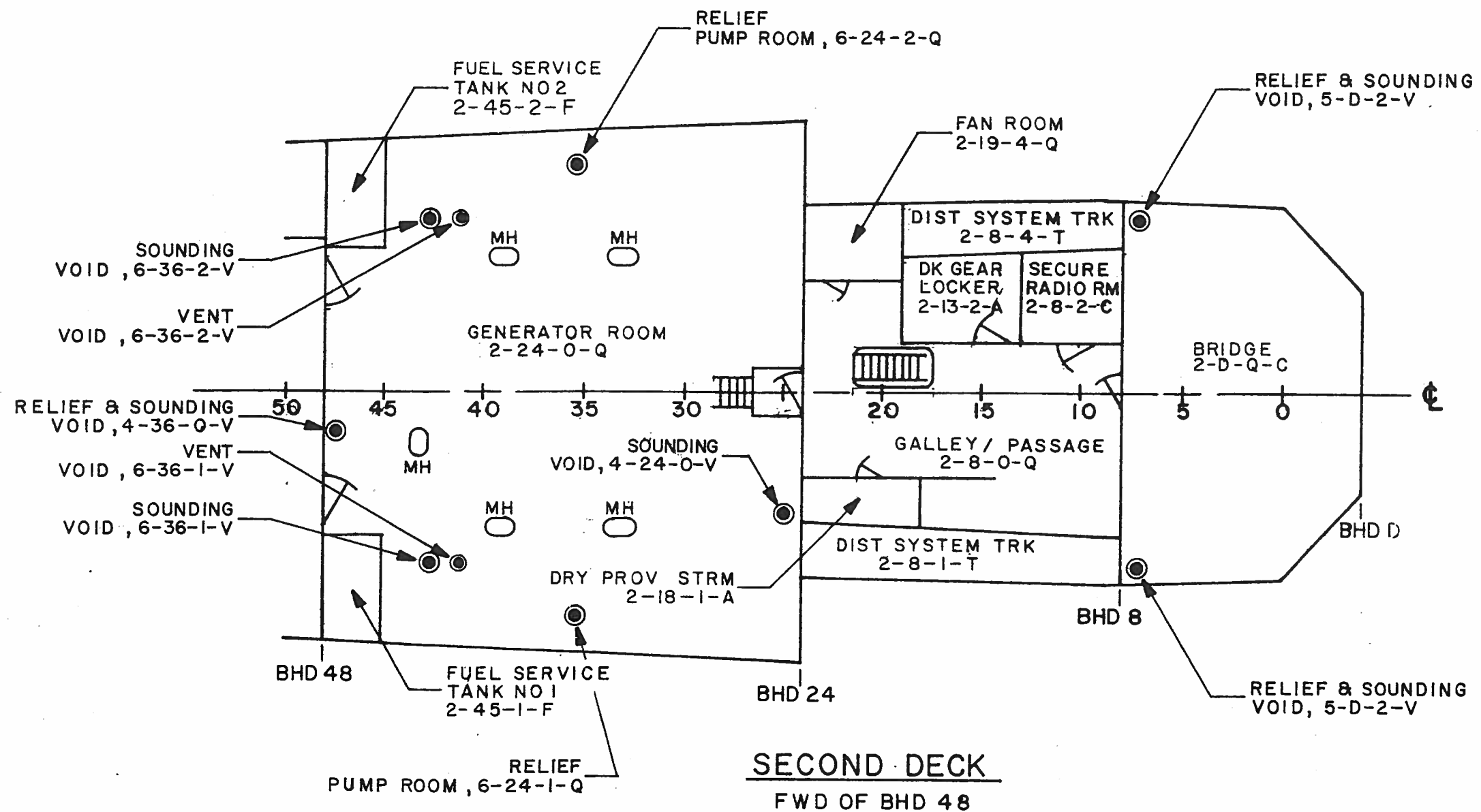


ANTENNA SYSTEM
ARRANGEMENT

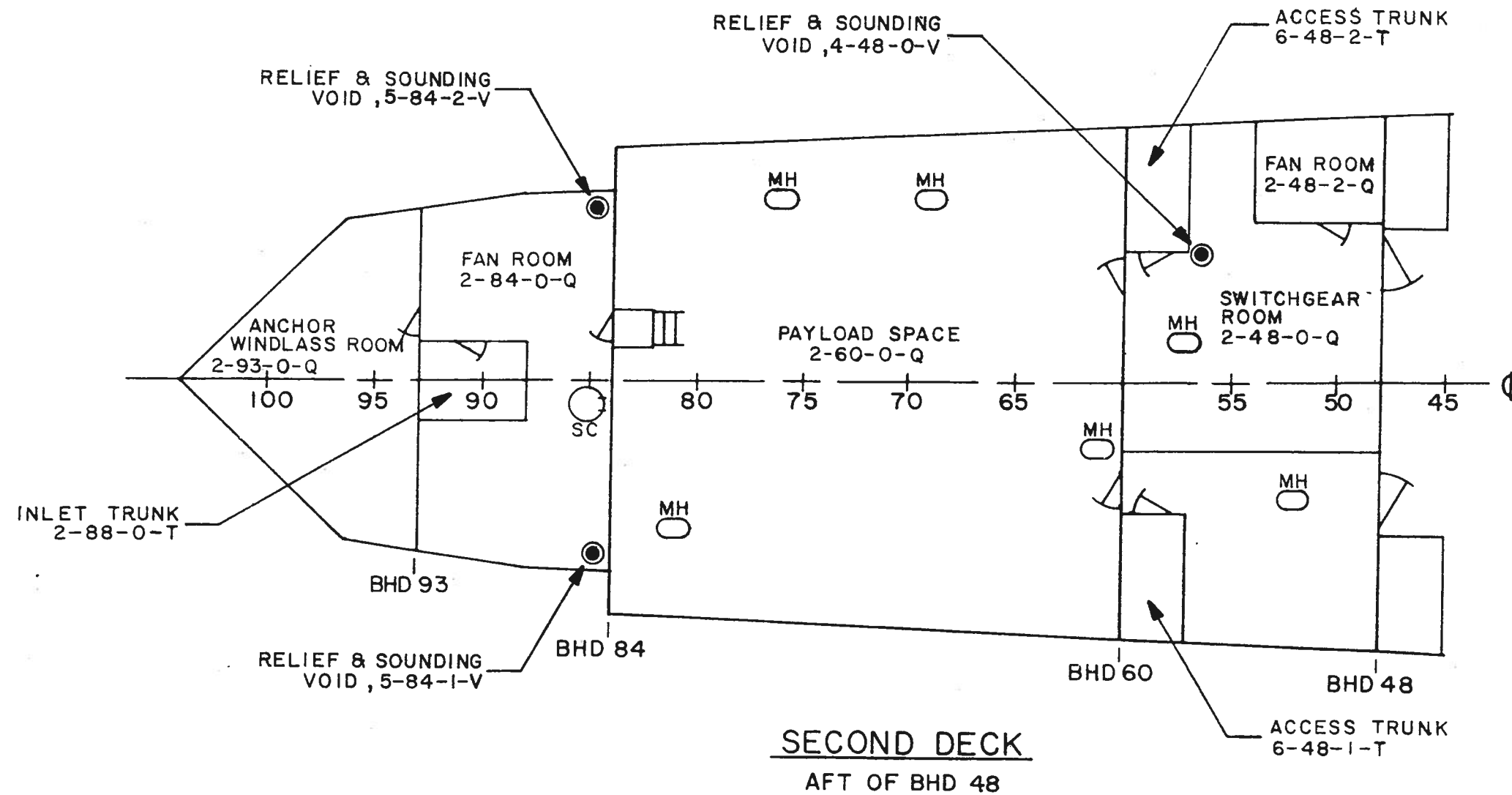
DRAWING NO	2589000	REV	C
SCALE: NONE	SH 1 OF 1	PAGE	59



MISCELLANEOUS VENTS AND SOUNDING TUBES		
DRAWING NO		REV
2589000		C
SCALE: 3/32"=1'-0"	SH 1 OF 3	PAGE 60

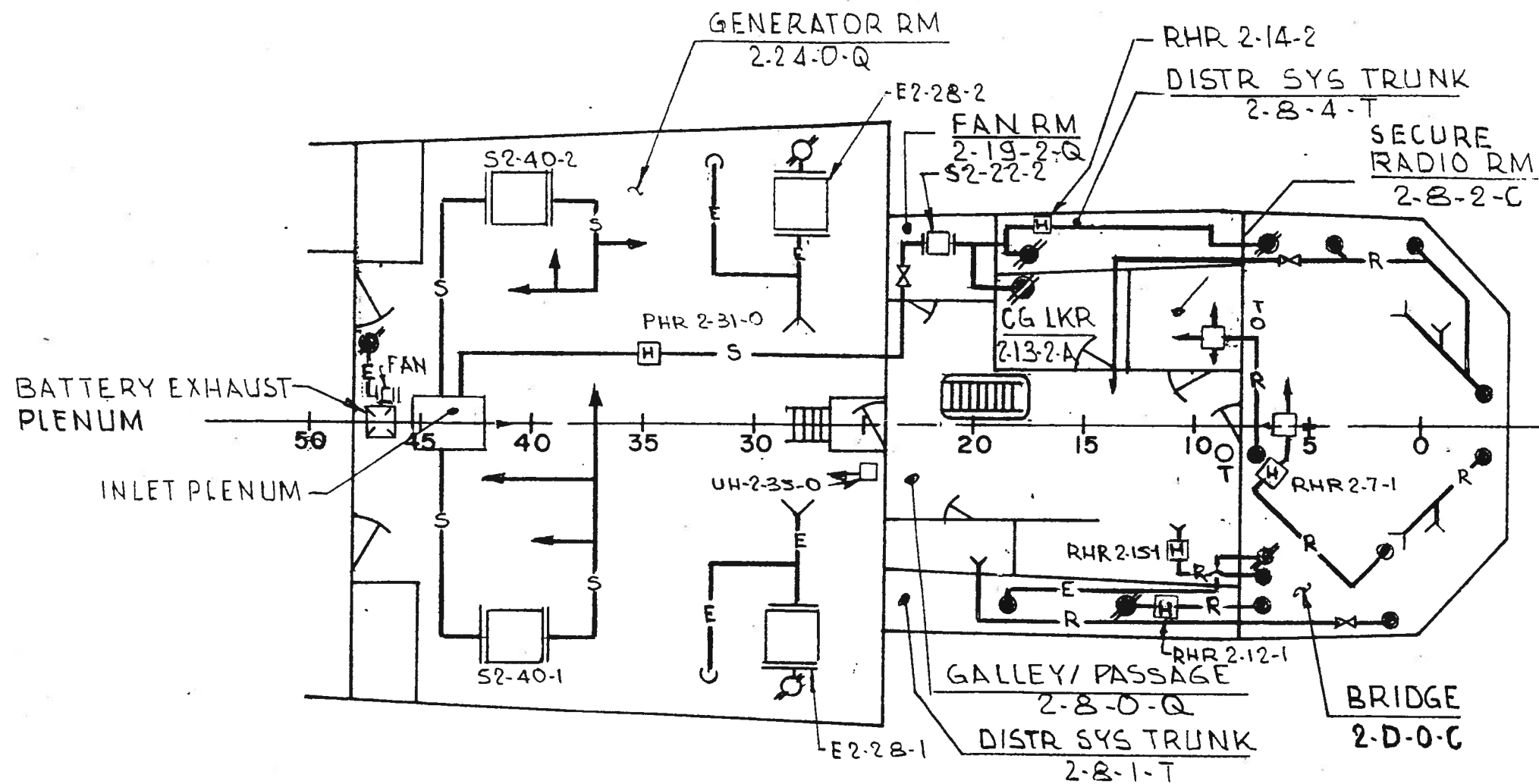


MISCELLANEOUS VENTS AND SOUNDING TUBES		
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 2 of 3	PAGE 61



MISCELLANEOUS
VENTS AND
SOUNDING TUBES

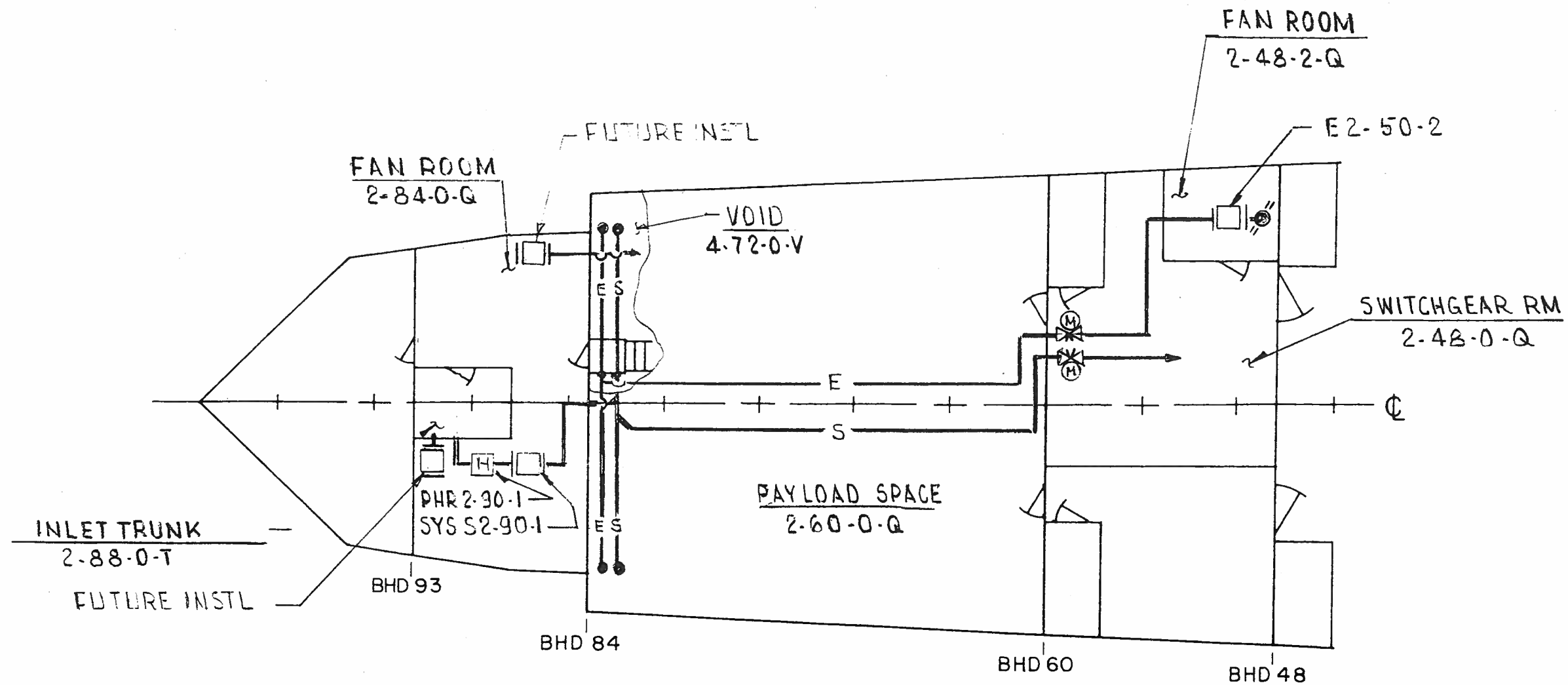
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 3 OF 3	PAGE 62



PLAN SECOND DECK
FR0 -FR48

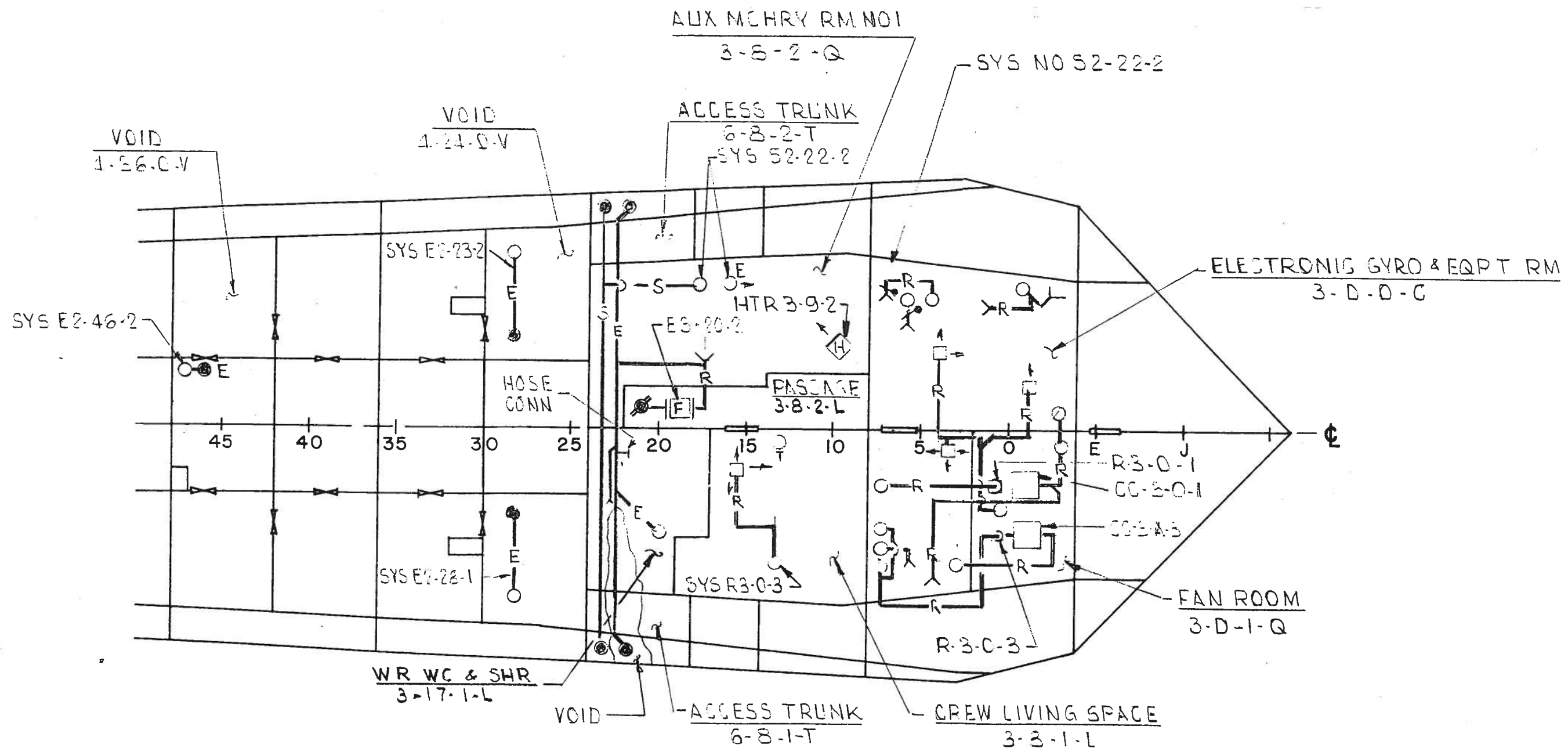
LEGEND	
SYMBOL	DESCRIPTION
	DUCT UP
	DUCT DOWN
	VENT TERMINAL
	SUPPLY AIR
	RECIRC AIR
	AIR EXHAUST
	WT CLOSURE ELECT OPR
	WT CLOSURE MANUAL OPR
	DUCT HTR
	UNIT HTR
	AIR DIFFUSER
	WT CLOSURE IN VERT POSITION
	DAMPER
	THERMOSTAT
	PREHEATER
	REHEATER
	COOLING COIL
	VENT FAN

HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 6	PAGE 63



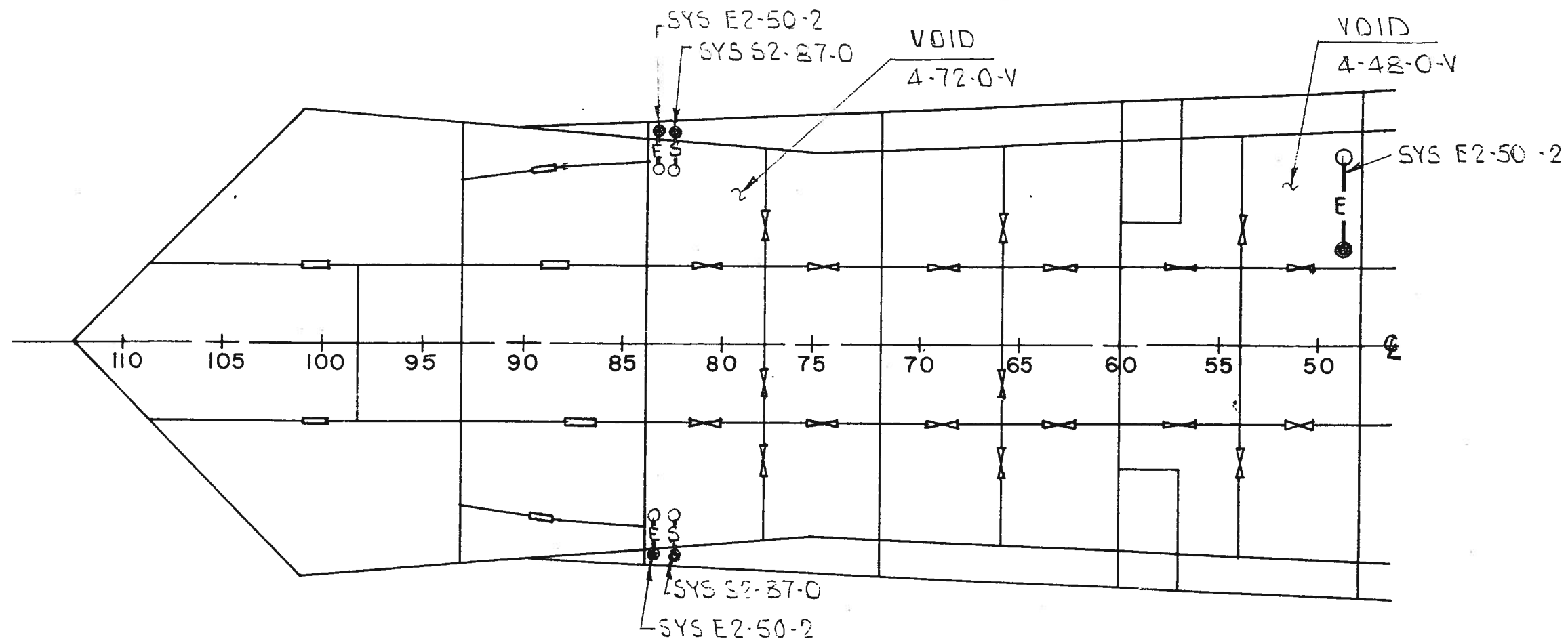
PLAN SECOND DECK
FR 48 AFT

HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 2 OF 6	PAGE 64



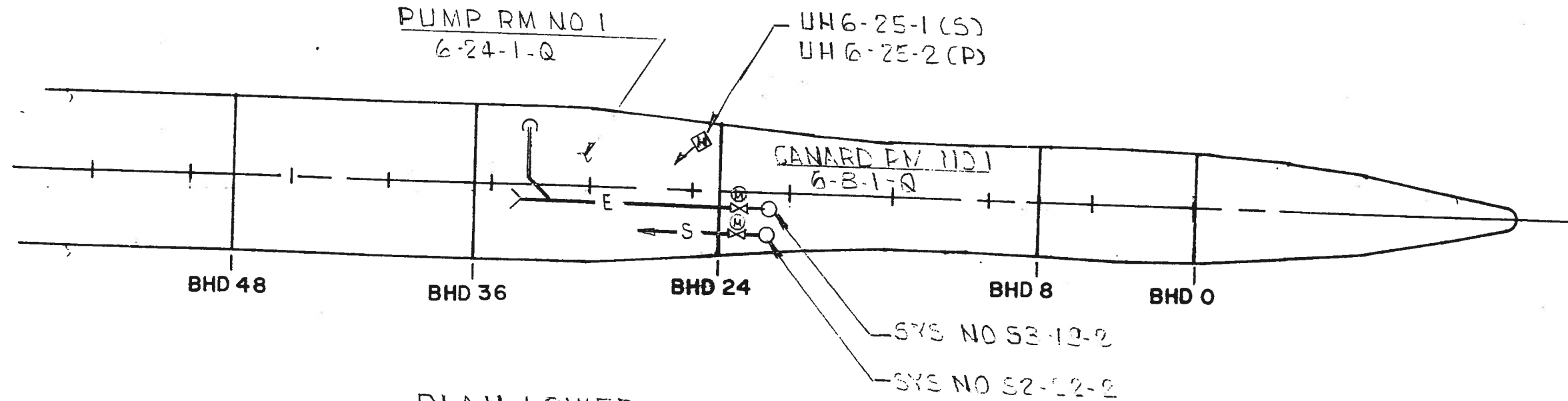
PLAN WET DECK & FIRST PLATFORM
FR 43 FWD

HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 3 OF 6	PAGE 65



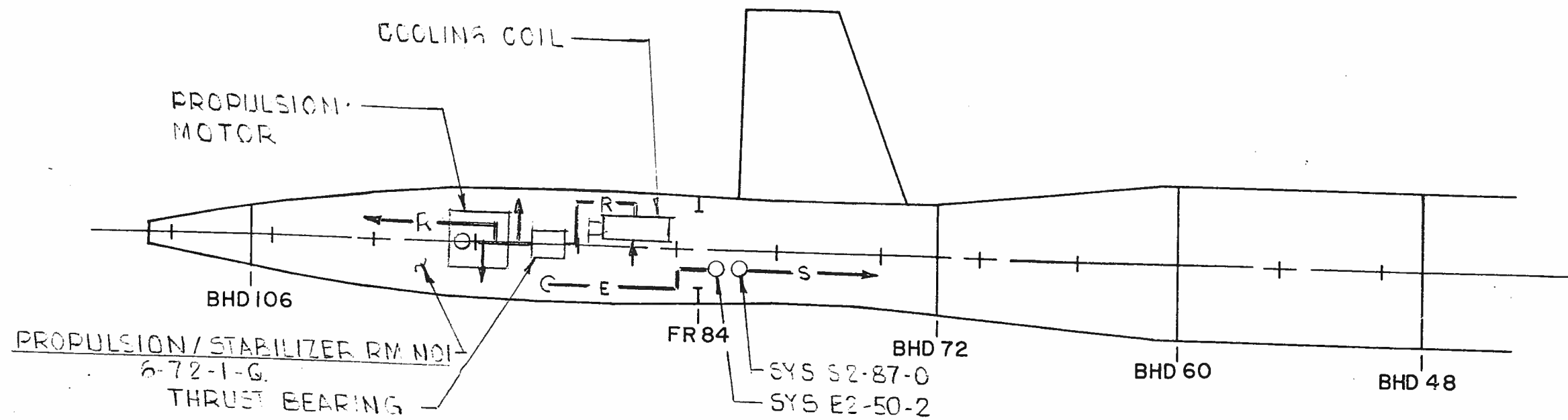
PLAN WET DECK FR 48 AFT

HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 4 OF 6	PAGE 66



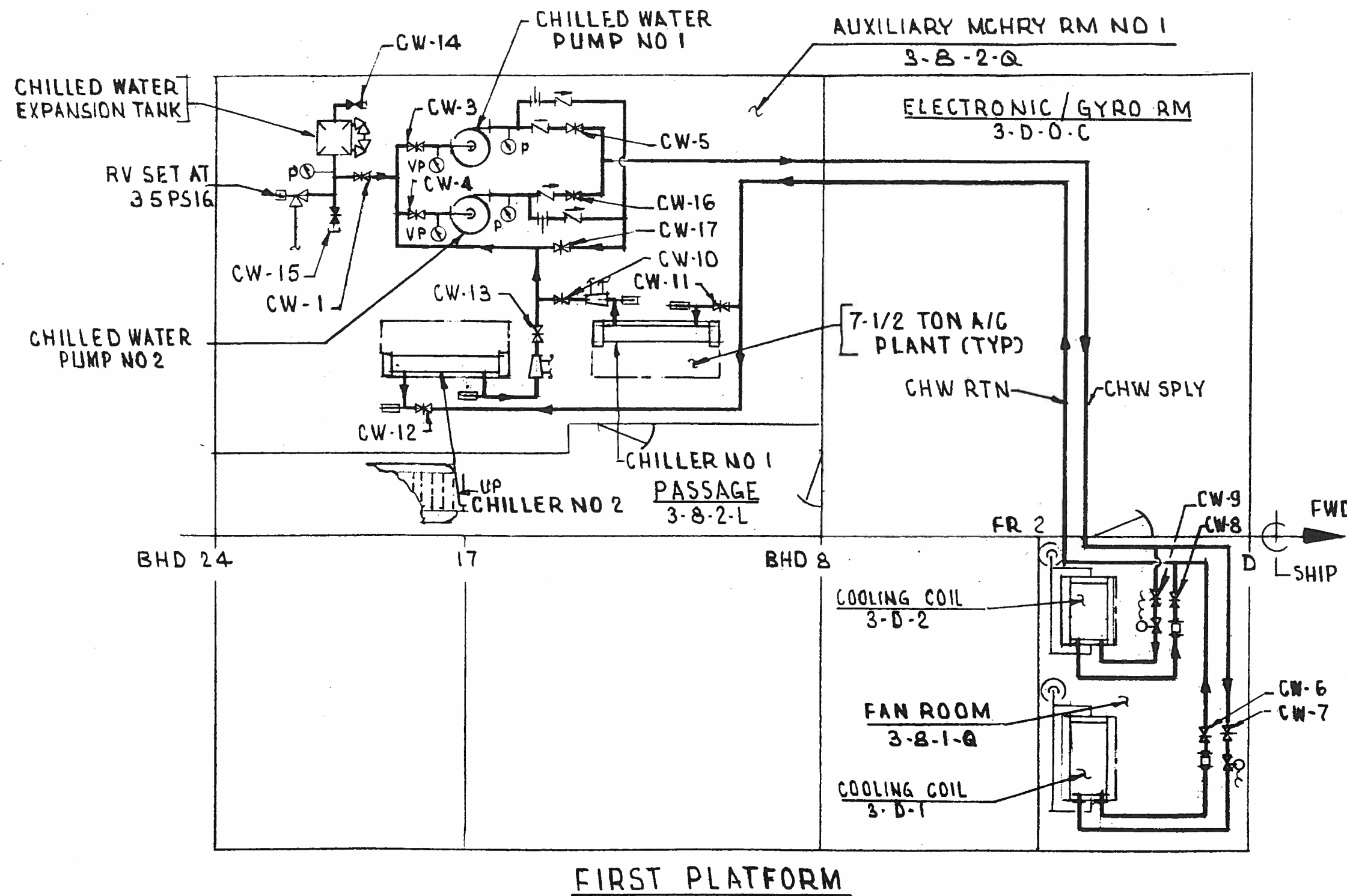
PLAN LOWER HULL FWD FR 12
STBD SIDE SHOWN
PORT SIMILAR

HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 5 OF 6	PAGE 67



PLAN LOWER HULL FR 48 AFT
 STBD SIDE SHOWN
 PORT SIMILAR

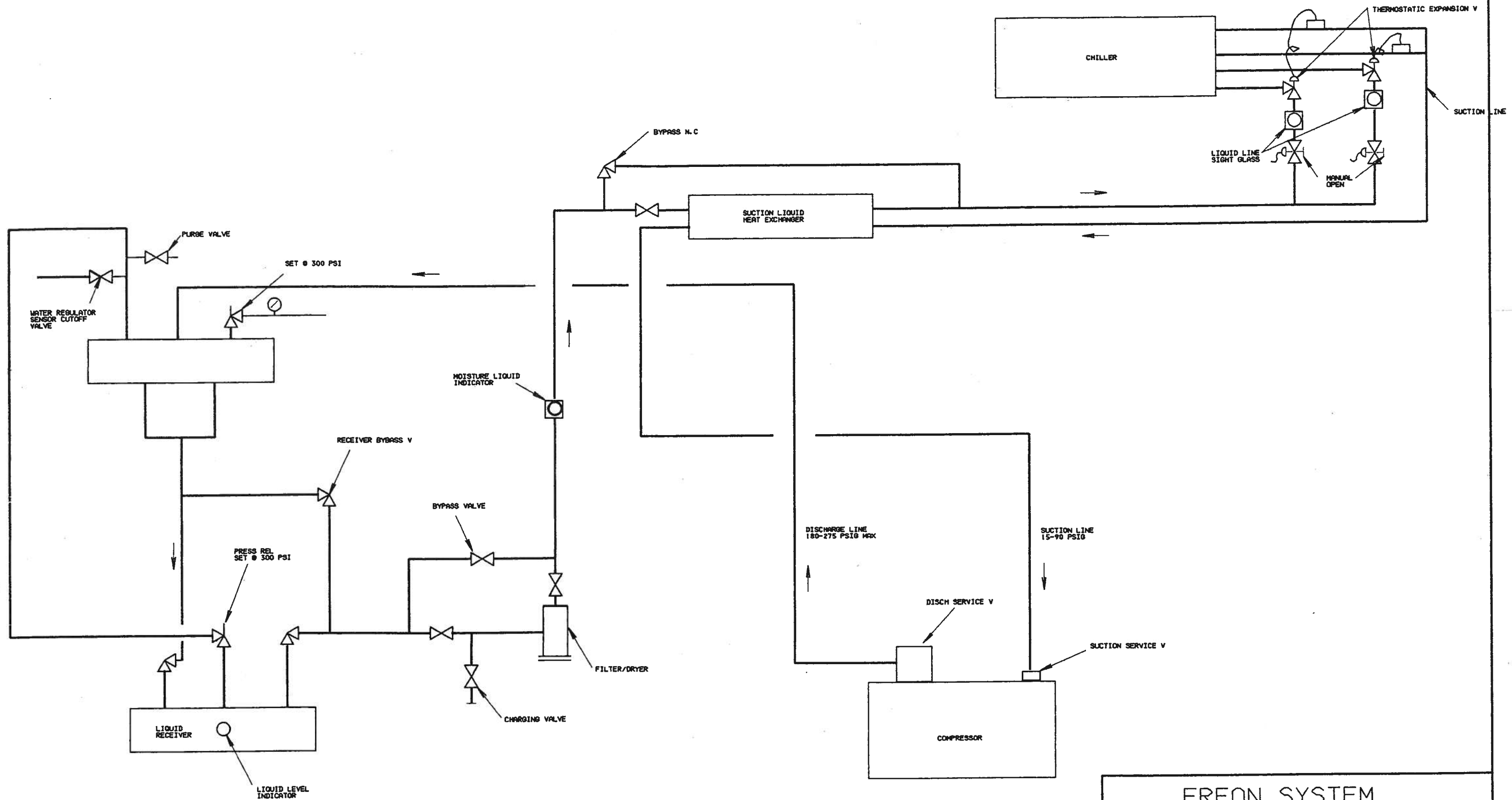
HEATING, VENTILATION & AIR CONDITIONING SYSTEM		
DRAWING NO	2589000	RFV C
SCALE: NONE	SH 6 OF 6	PAGE 68



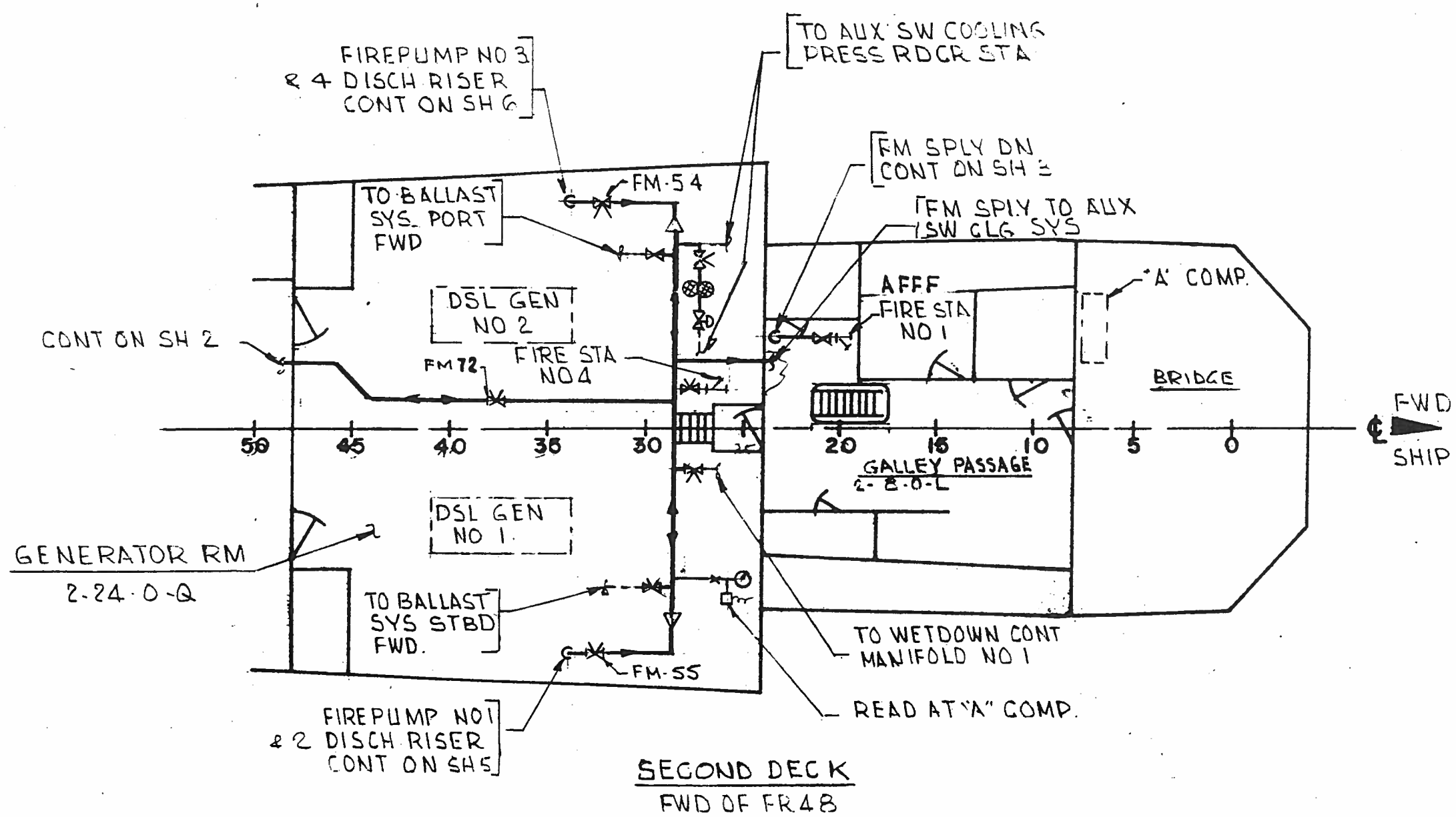
LEGEND

- VALVE NORMALLY OPEN
- VALVE NORMALLY CLOSED
- VALVE GATE
- VALVE HOSE
- VALVE SWING CHECK
- VALVE RELIEF
- HAYES MEASUR-FLO
- ORIFICE
- VENTURI-METER
- THERMOMETER, LOCAL
- PRESSURE GAGE
- COMPOUND GAGE
- VALVE SOLENOID
- SIGHT GLASS

CHILLED WATER SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 1	PAGE 69



FREON SYSTEM AMR #2		
DRAWING NO	2589000	REV C
SCALE NONE	SH 1 OF 2	PAGE 69A

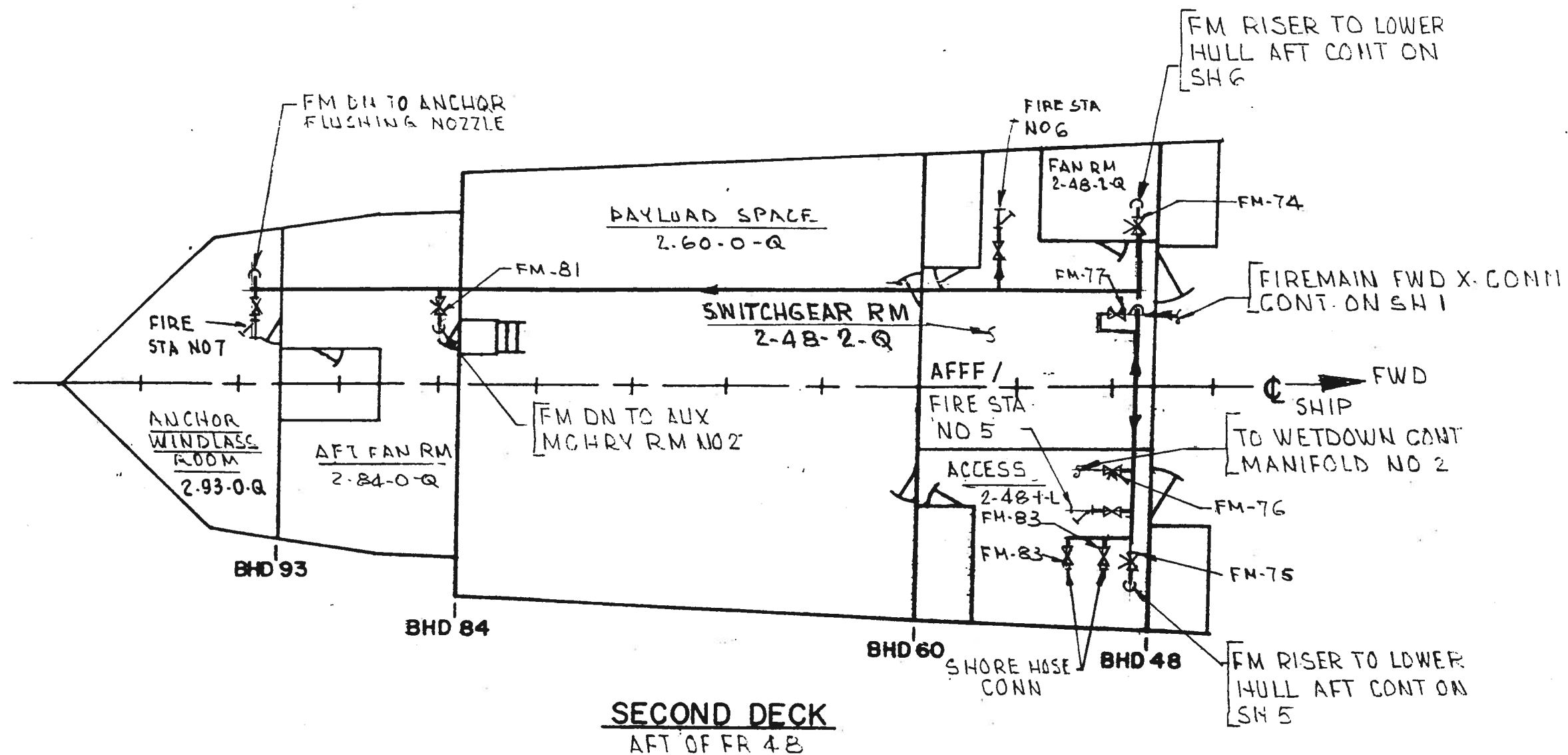


LEGEND

- VALVE BUTTERFLY MOTOR OPR
- VALVE BUTTERFLY
- VALVE GATE
- VALVE REMOTE MANUALLY OPR
- VALVE HOSE
- VALVE SWING CHECK
- EDUCTOR
- GAUGE PRESS
- TRANSDUCER, PRESS
- VALVE HYD OPR
- PUMP CFSL

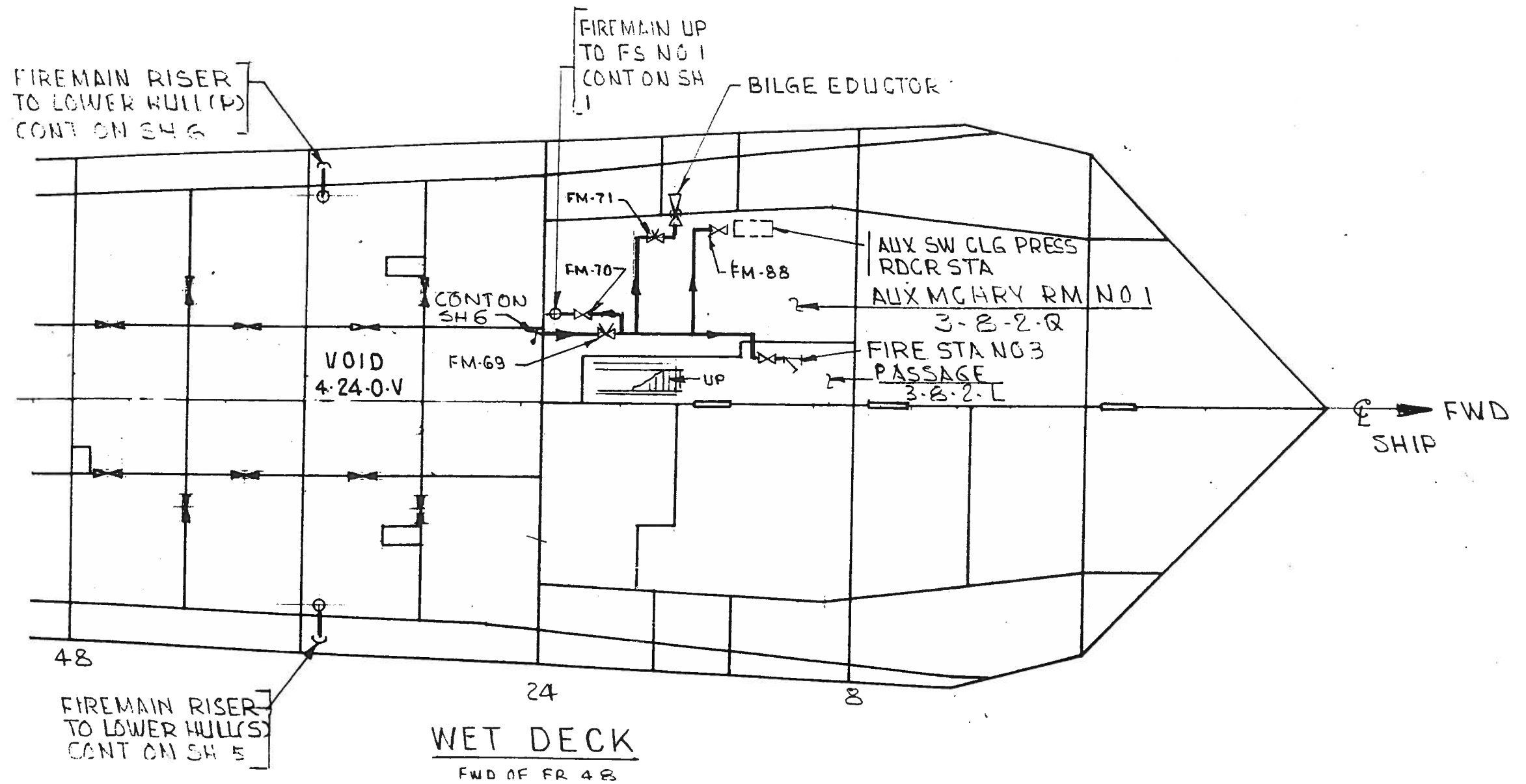
SECOND DECK
FWD OF FR 48

FIREMAIN SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SHI OF 6	PAGE 70



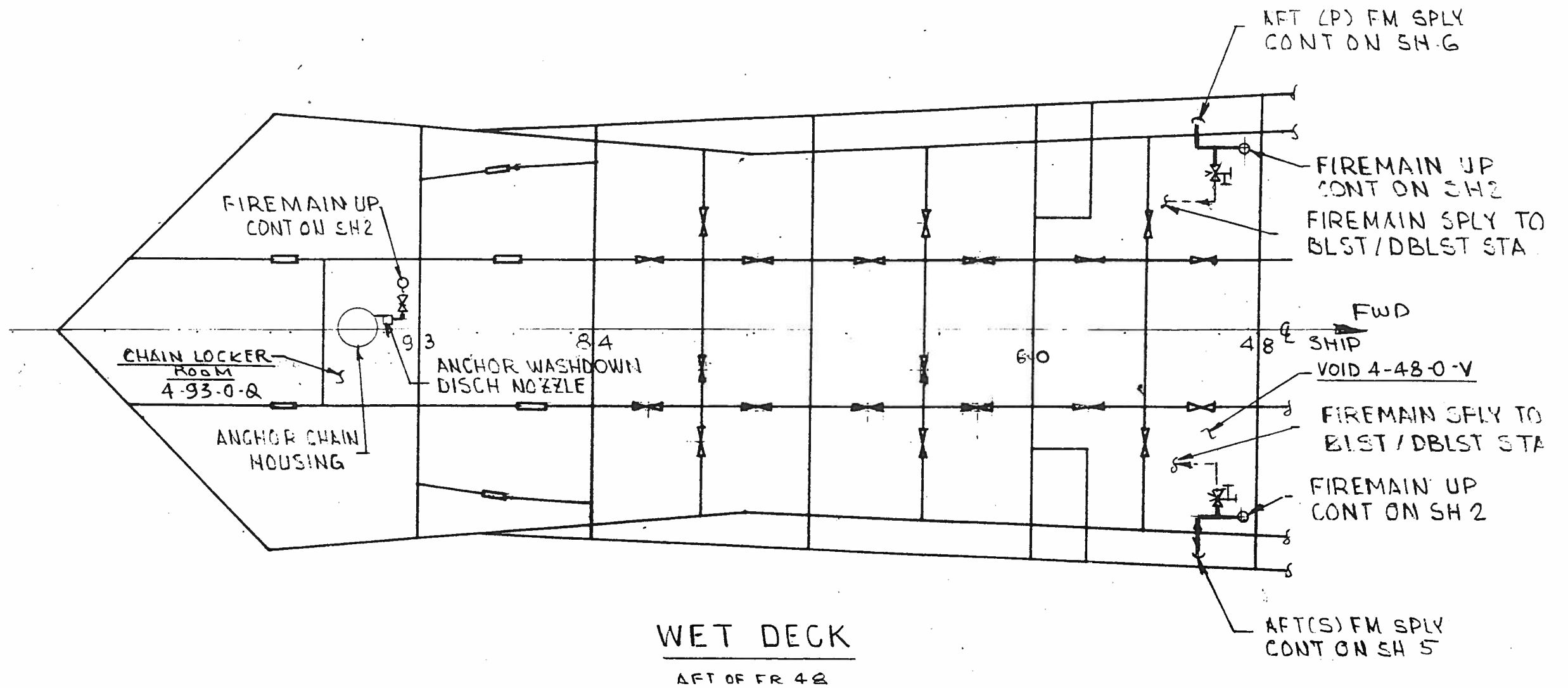
FIREMAIN SYSTEM

DRAWING NO	2589000	REV	C
SCALE: NONE	SH 2 OF 6	PAGE	71

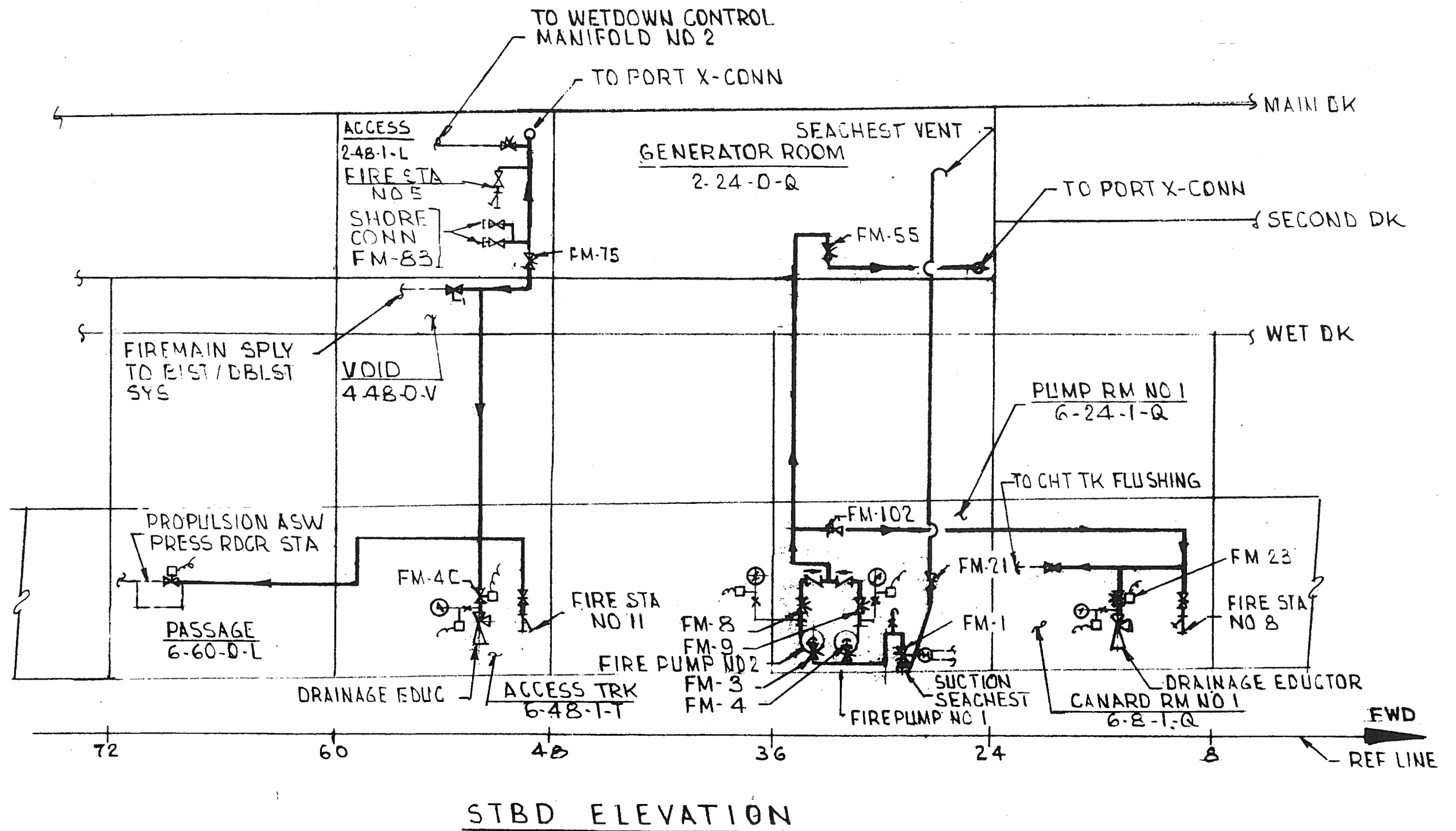


FIREMAIN SYSTEM

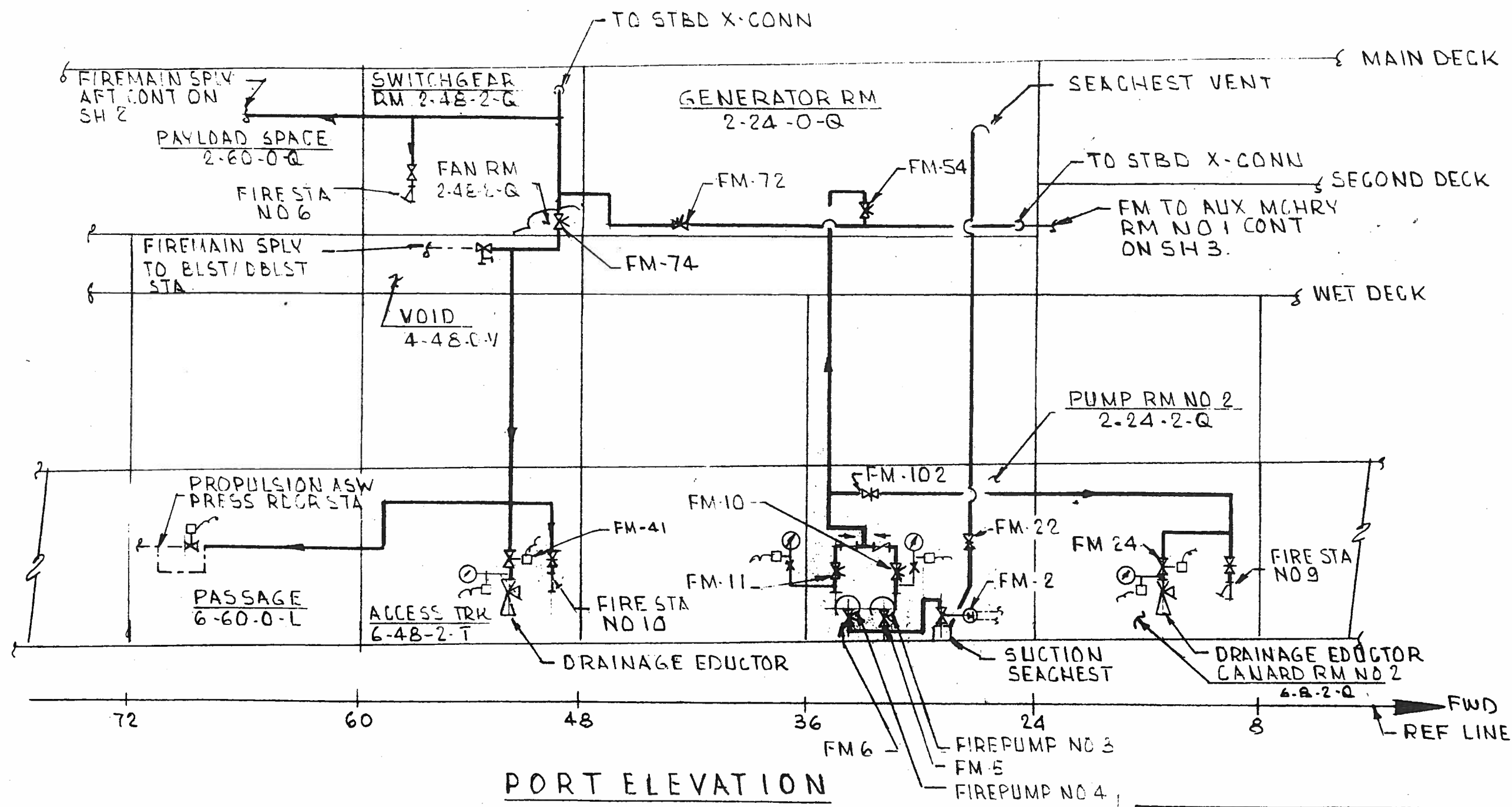
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 3 OF 6	PAGE 72



FIREMAIN SYSTEM		
DRAWING NO	REV	
2589000	C	
SCALE: NONE	SH 4 OF 6	PAGE 73



FIREMAIN SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SH 5 OF 6	PAGE 74

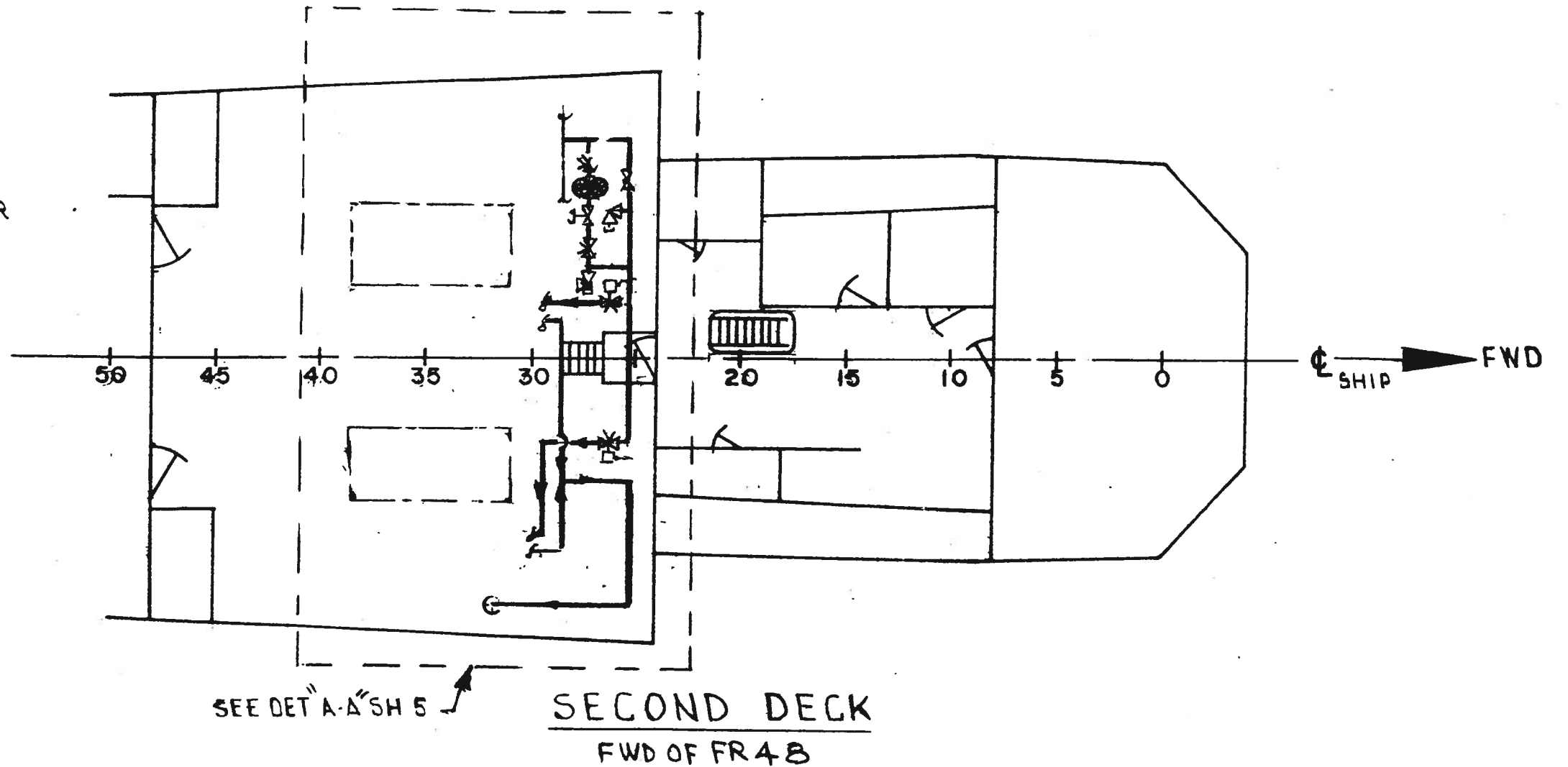


FIREMAIN SYSTEM

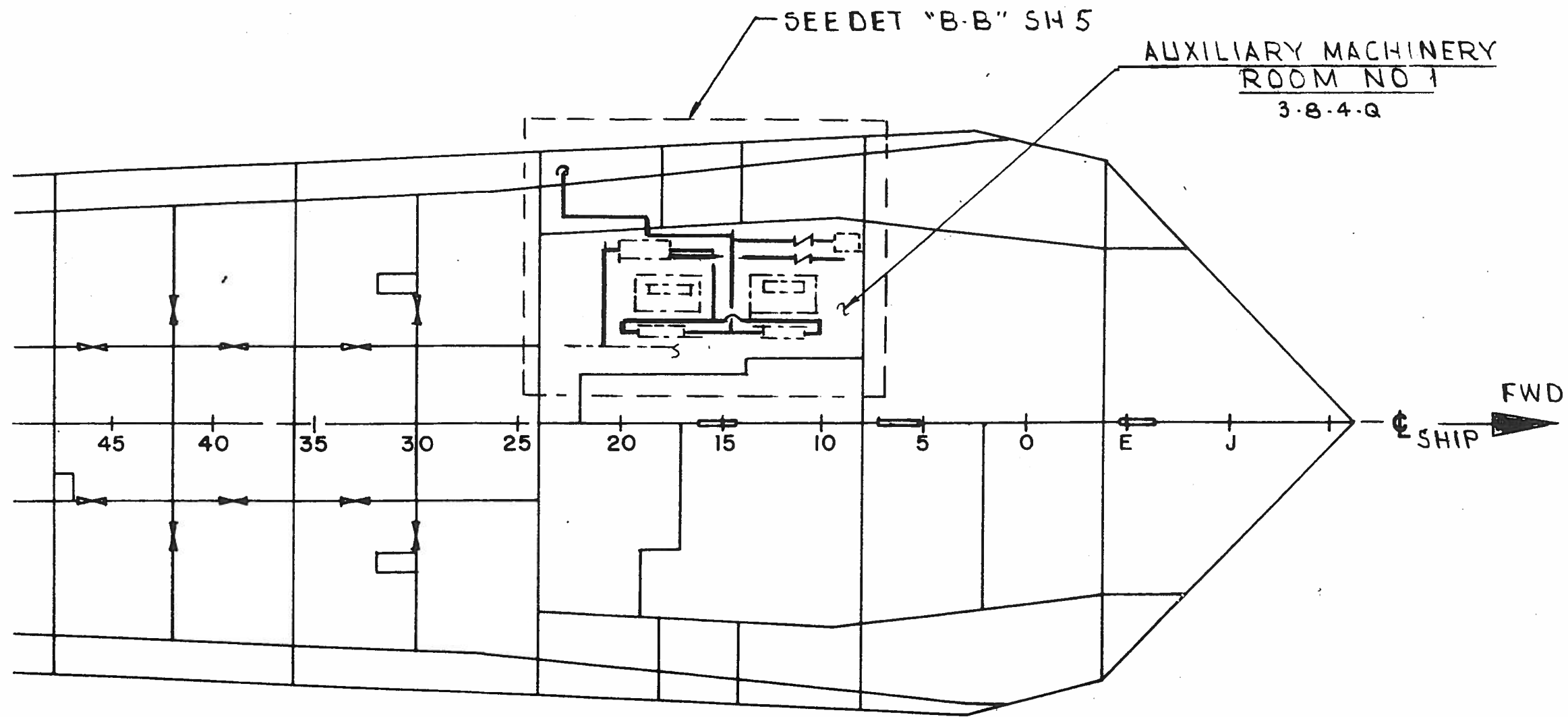
DRAWING NO	REV
2589000	C
SCALE: NONE	SH 6 OF 6 PAGE 75

LEGEND

- ⊗ VALVE GATE
- ⊗ VALVE BUTTERFLY
- ⊗ VALVE BALL HYD OPR
- ⊗ VALVE BUTTERFLY ELEC MOTOR OPR
- ⊗ VALVE PRESS REDUCING
- ⊗ VALVE THERMOSTATIC CONTROL
- ⊗ VALVE RELIEF
- ⊗ VALVE CHECK
- ⊗ VALVE PRESS REG
- ⊗ THERMOMETER
- ⊗ PRESS GAGE
- ⊗ PT PRESS TRANSDUCER
- ⊗ WYE STRAINER
- ⊗ PS PRESS SWITCH
- ⊗ HEAT EXCH

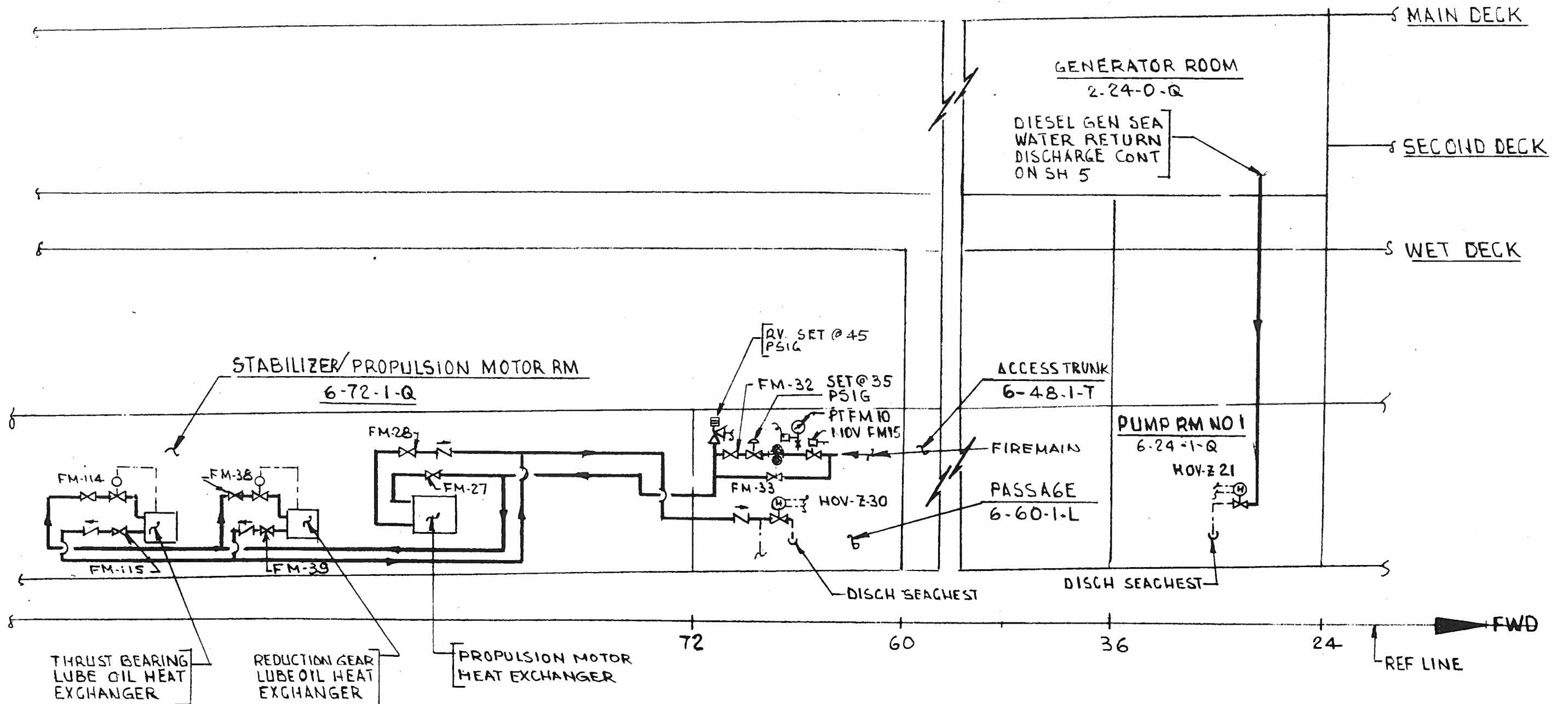


AUXILIARY SEA WATER COOLING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 5	PAGE 76



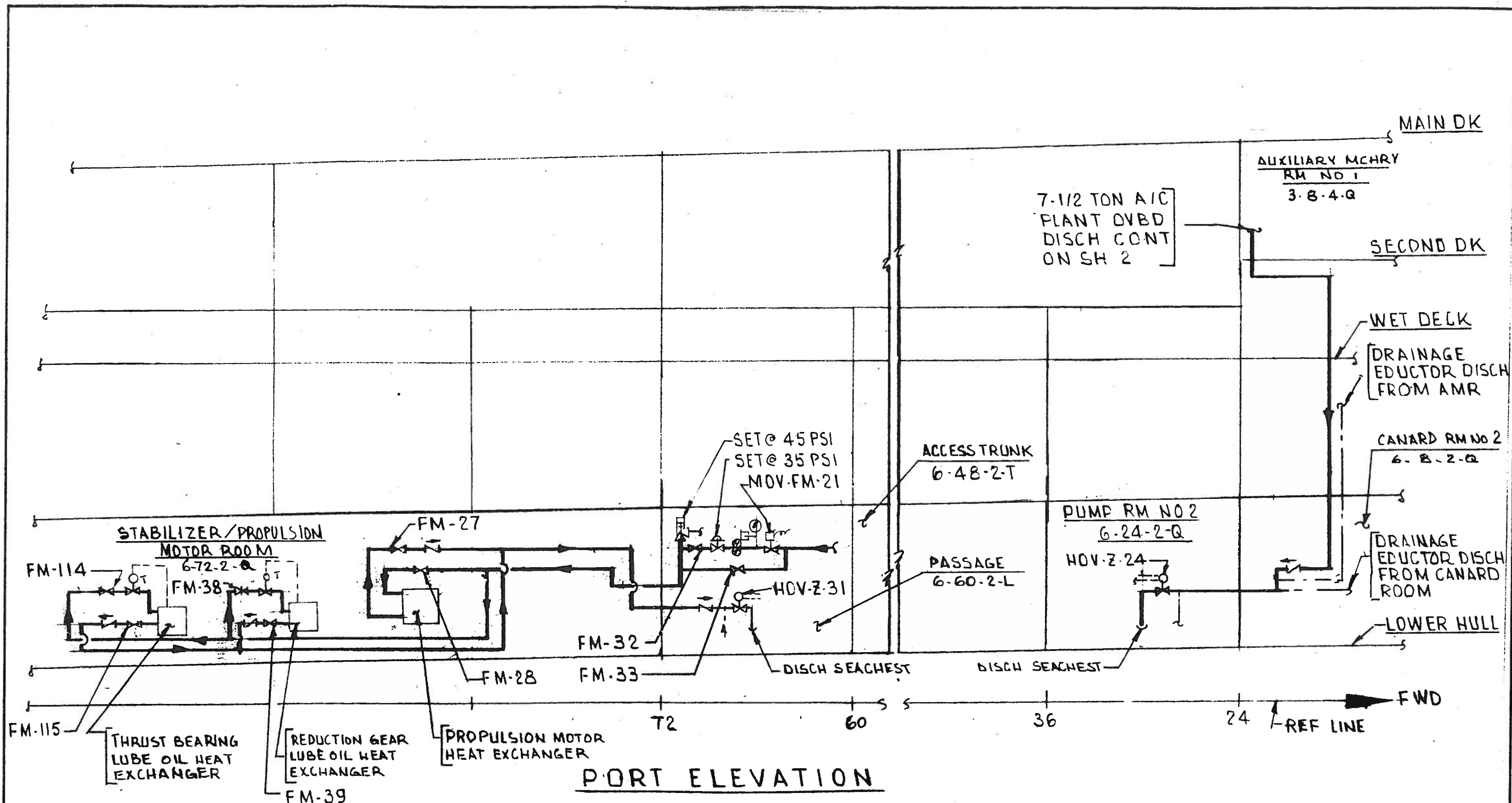
FIRST PLATFORM

AUXILIARY SEA WATER COOLING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 2 OF 5	PAGE 77

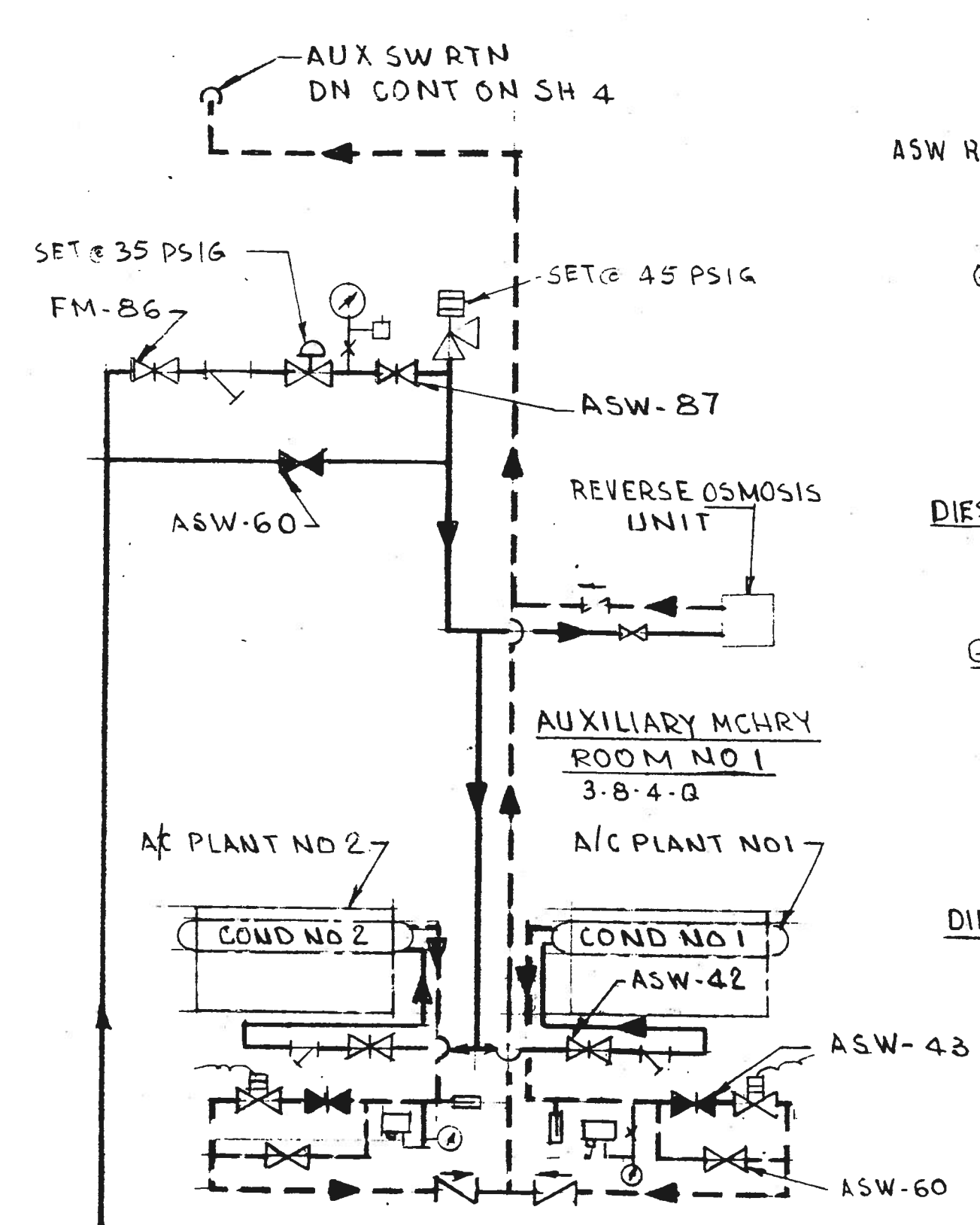


STARBOARD ELEVATION

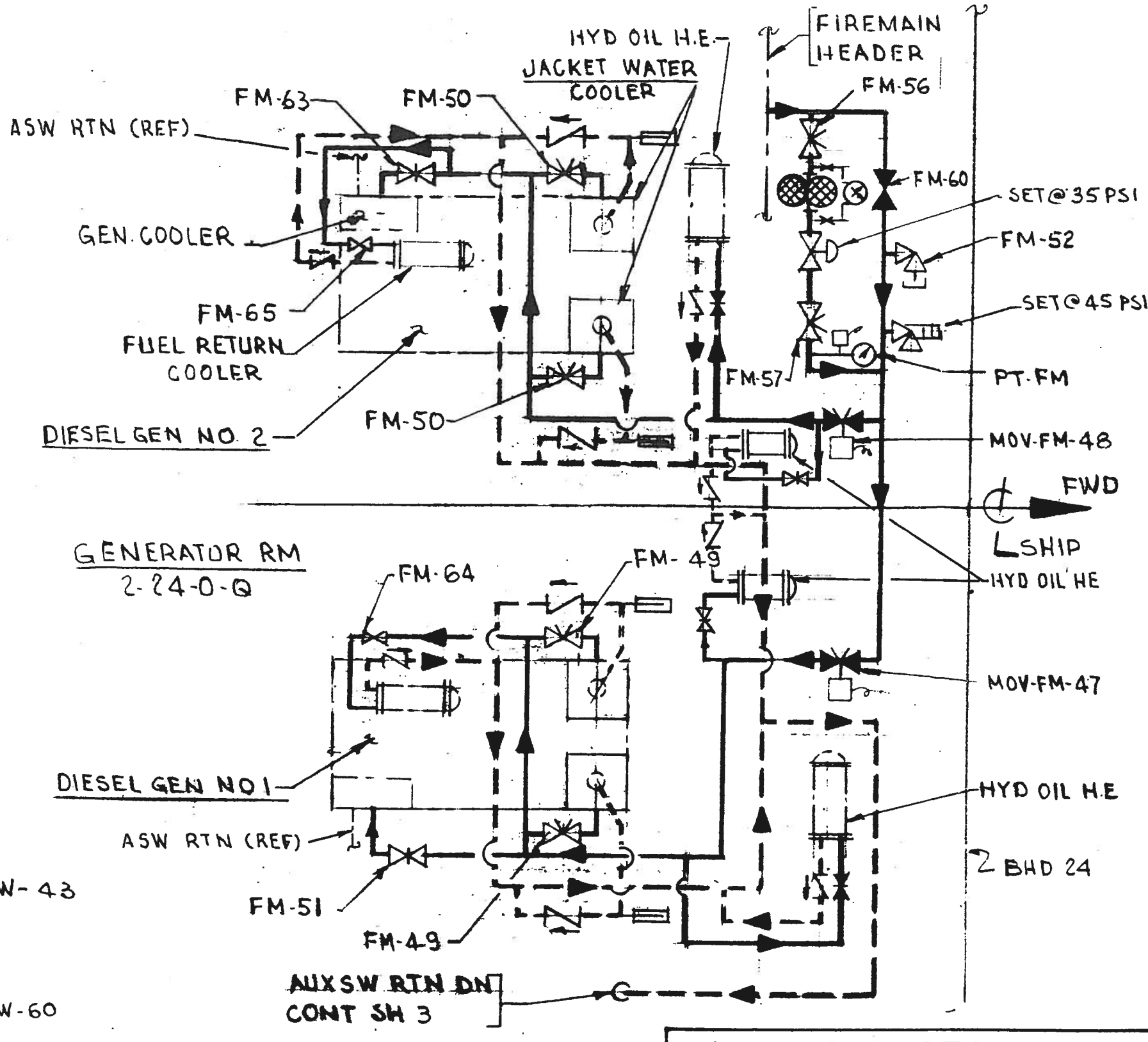
AUXILIARY SEA WATER COOLING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 3 OF 5	PAGE 78



AUXILIARY SEA WATER COOLING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 4 OF 5	PAGE 79



DETAIL "B-B"
 7-1/2 TON A/C PLANT SW COOLING SYSTEM

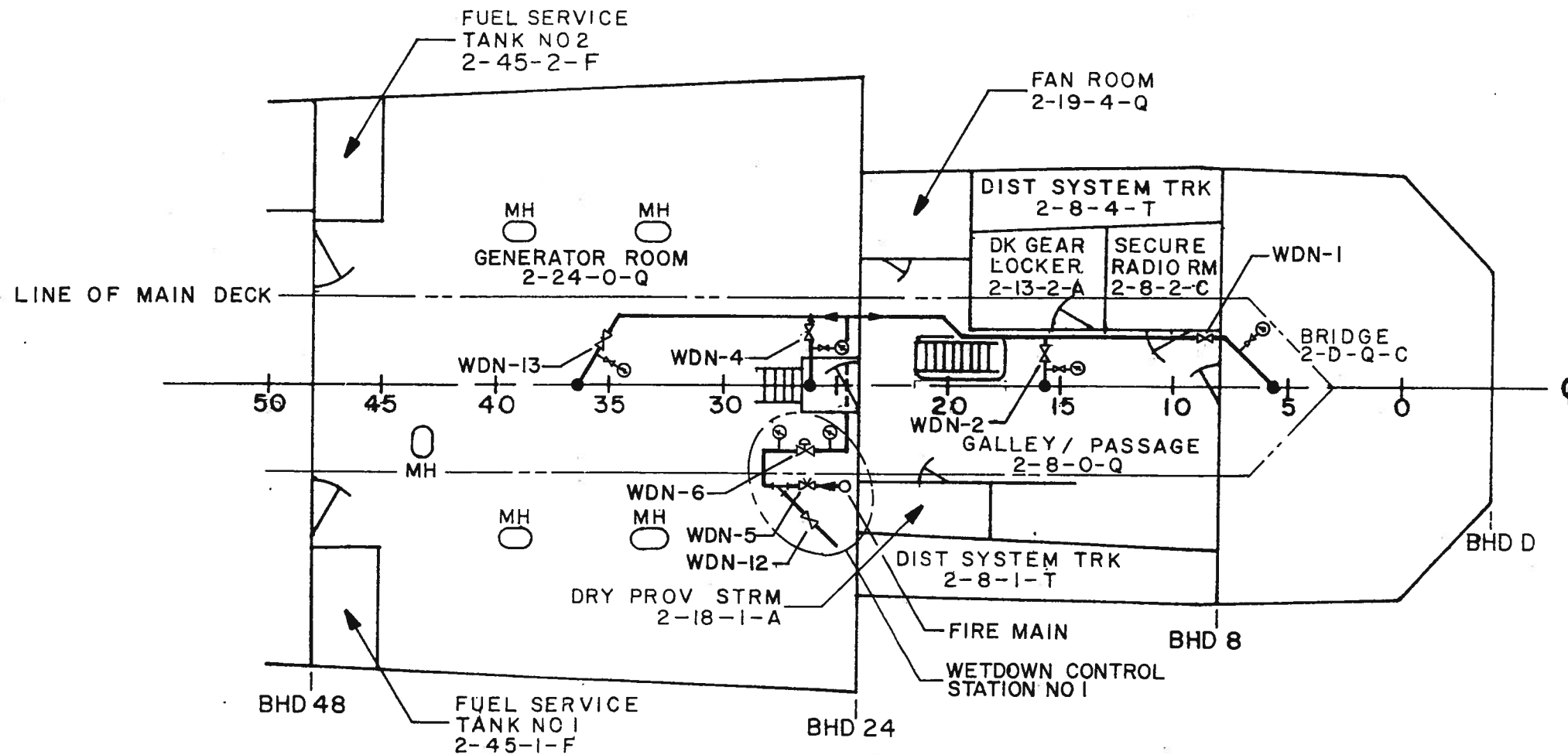


DETAIL "A-A"
 DIESEL GEN SW COOLING SYSTEM

AUXILIARY SEA WATER COOLING SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SH 5 OF 5	PAGE 80

LEGEND

- ⊗ GLOBE VALVE
- ⊙ PRESSURE GAUGE
- ⊗ PRESSURE REDUCING VALVE
- SPRAY NOZZLE
- ▽ Y STRAINER
- ⊗ BUTTER FLY VALVE

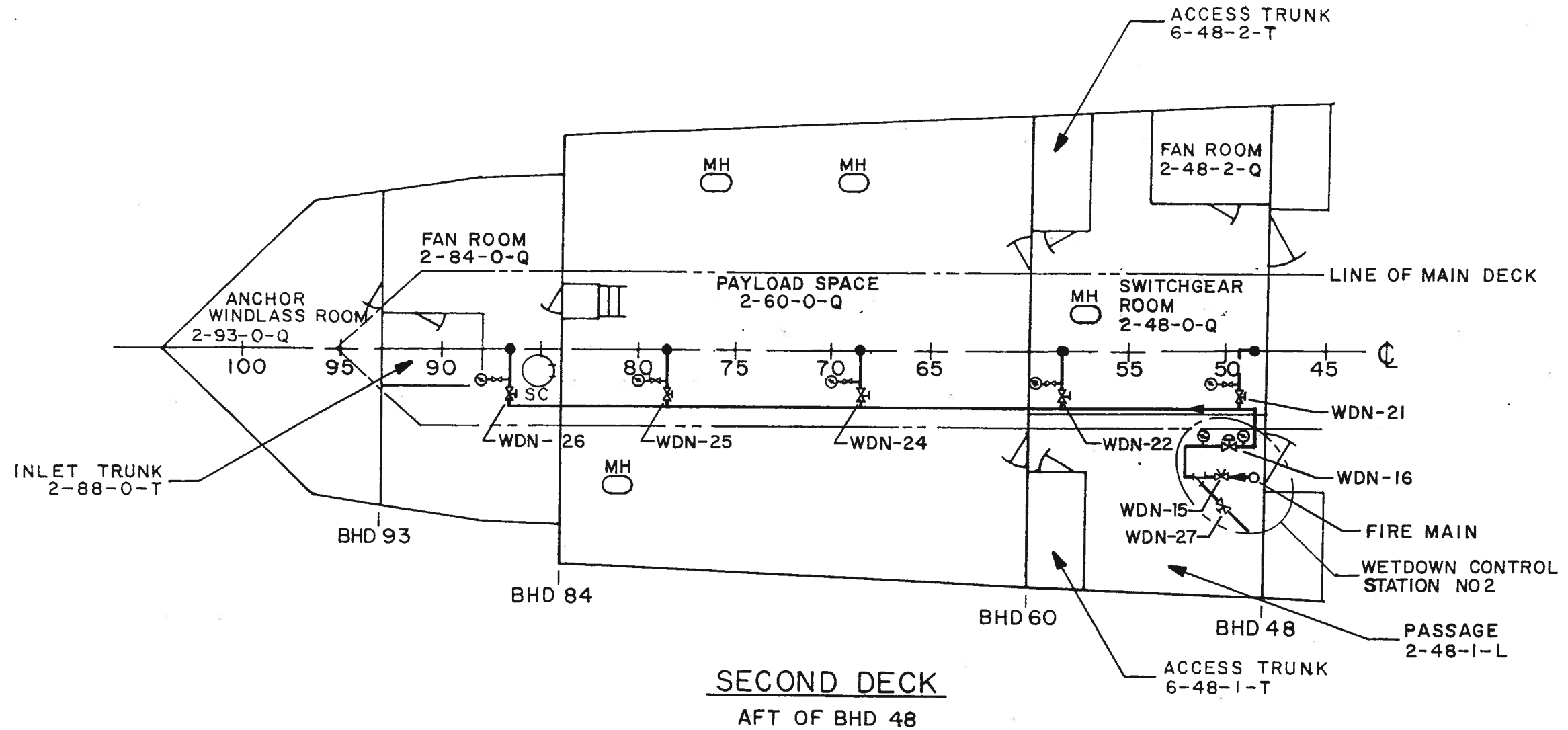


SECOND DECK
FWD OF BHD 48

WETDOWN SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 1 OF 2	PAGE 81

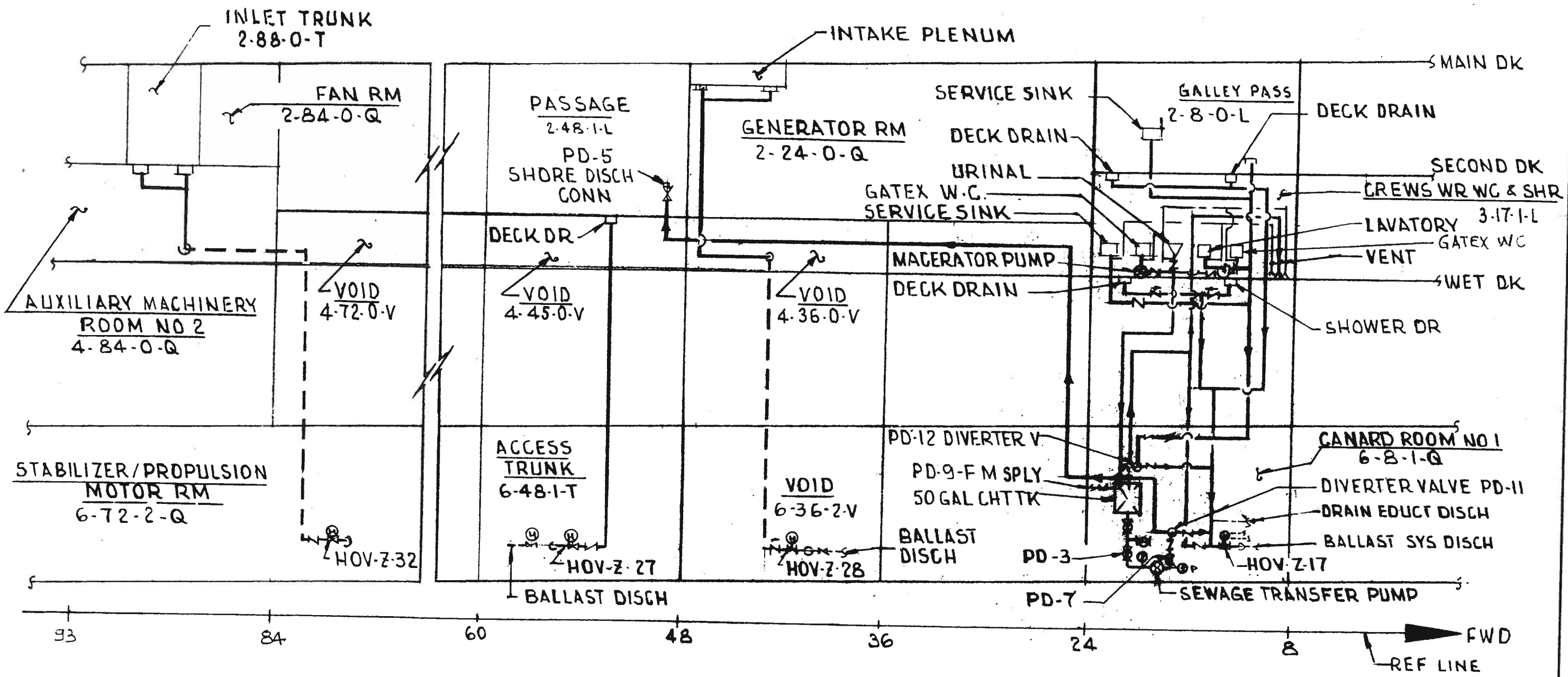
LEGEND

- ⊗ GLOBE VALVE
- ⊙ PRESSURE GAUGE
- ⊗ PRESSURE REDUCING VALVE
- SPRAY NOZZLE
- ⌞ Y STRAINER
- ⊗ BUTTER FLY VALVE



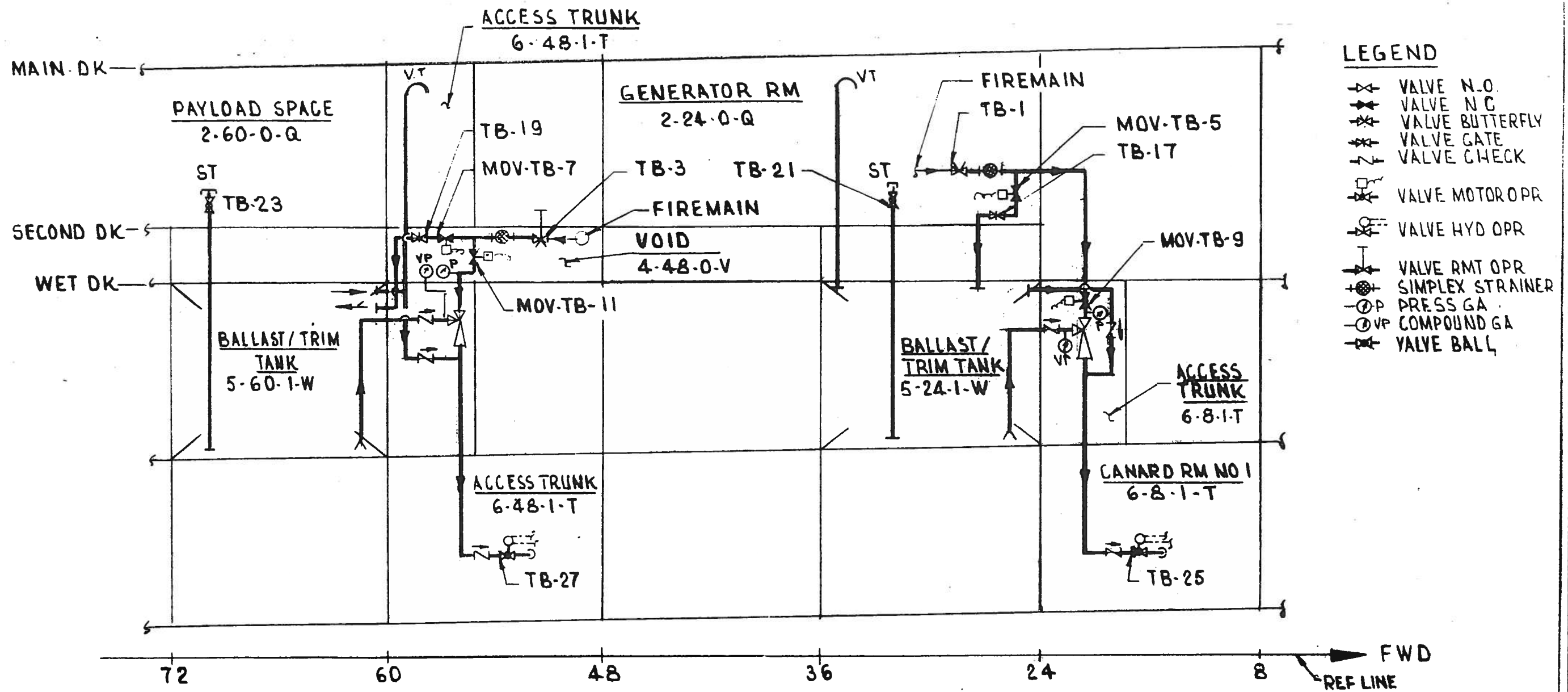
WETDOWN SYSTEM

DRAWING NO		REV
2589000		C
SCALE: 1/8" = 1'-0"	SH 2 OF 2	PAGE 82



STARBOARD ELEVATION
(EXCEPT AS NOTED)

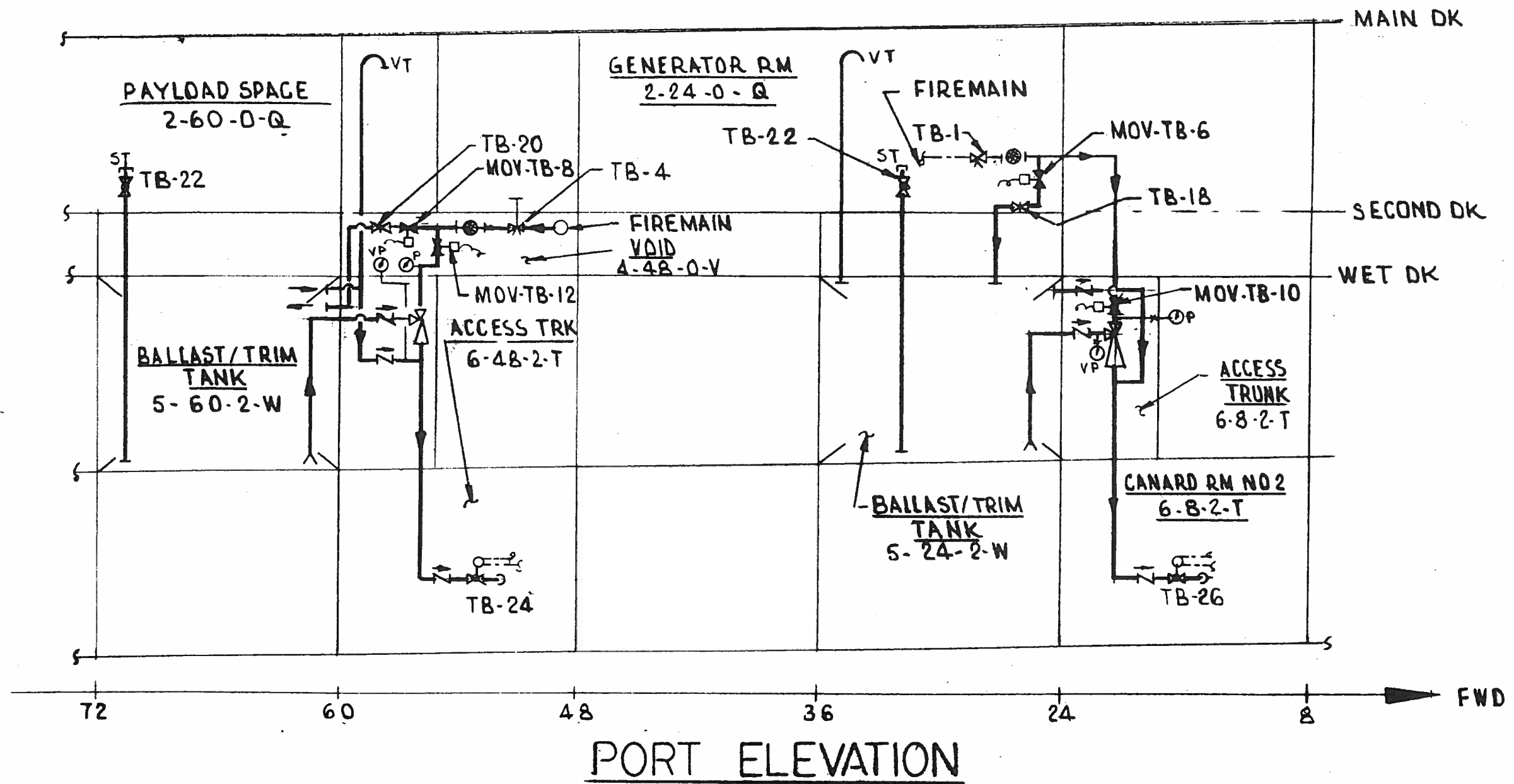
PLUMBING DRAIN SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 83



STARBOARD ELEVATION

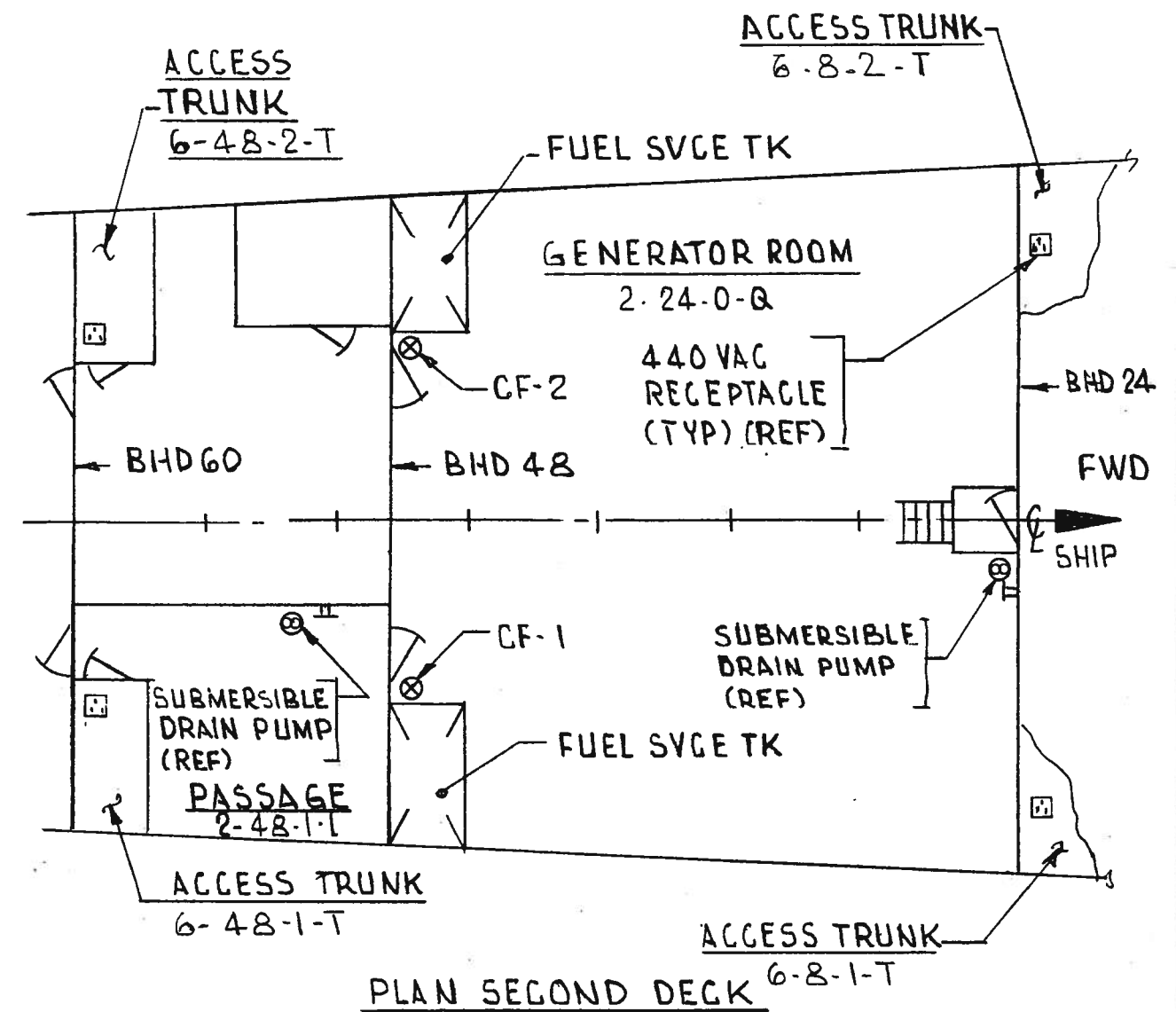
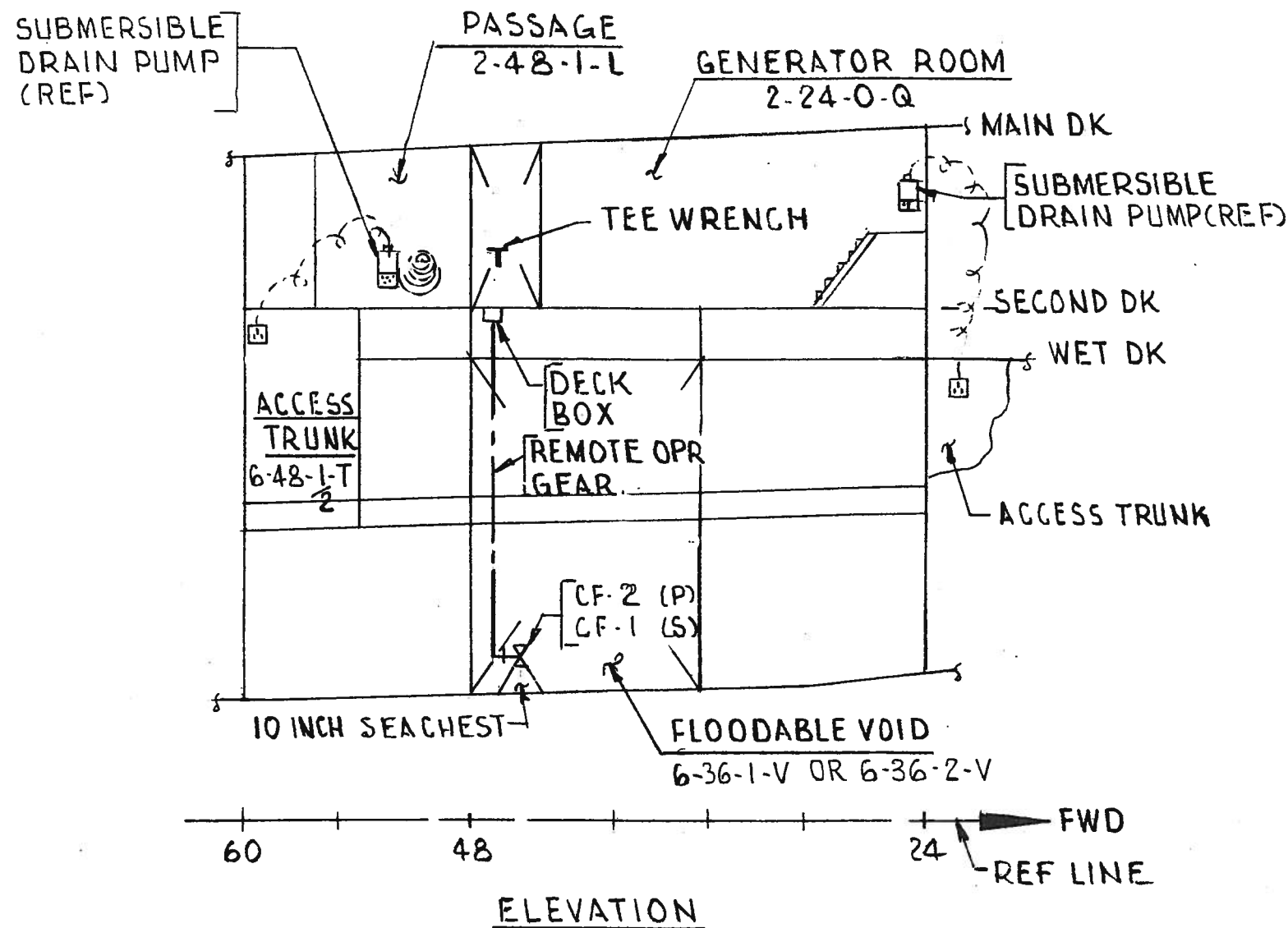
TRIM AND BALLAST SYSTEM

DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 2	PAGE 84



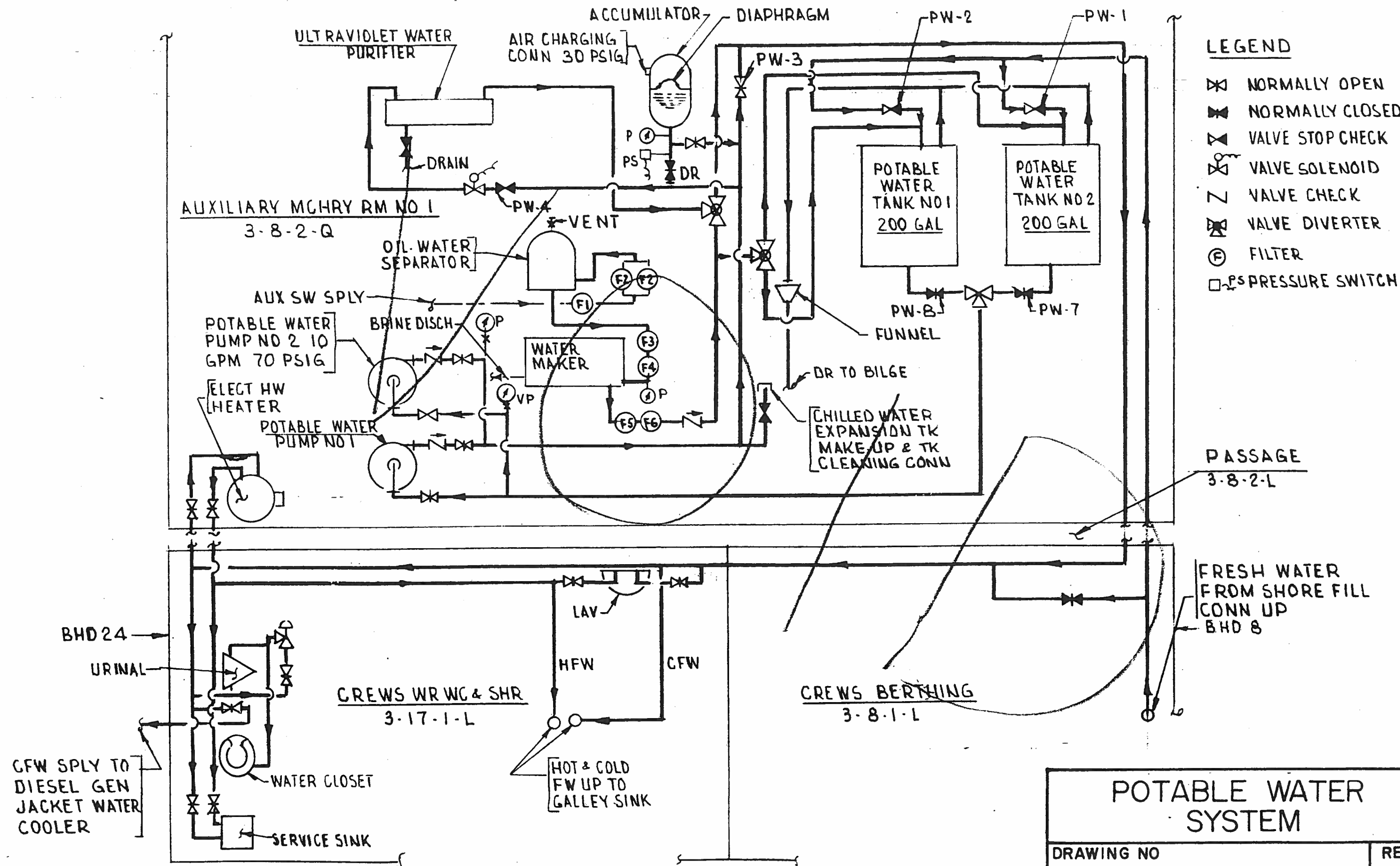
TRIM AND BALLAST
SYSTEM

DRAWING NO	2589000	REV	C
SCALE: NONE	SH 2 OF 2	PAGE	85



COUNTERFLOODING SYSTEM

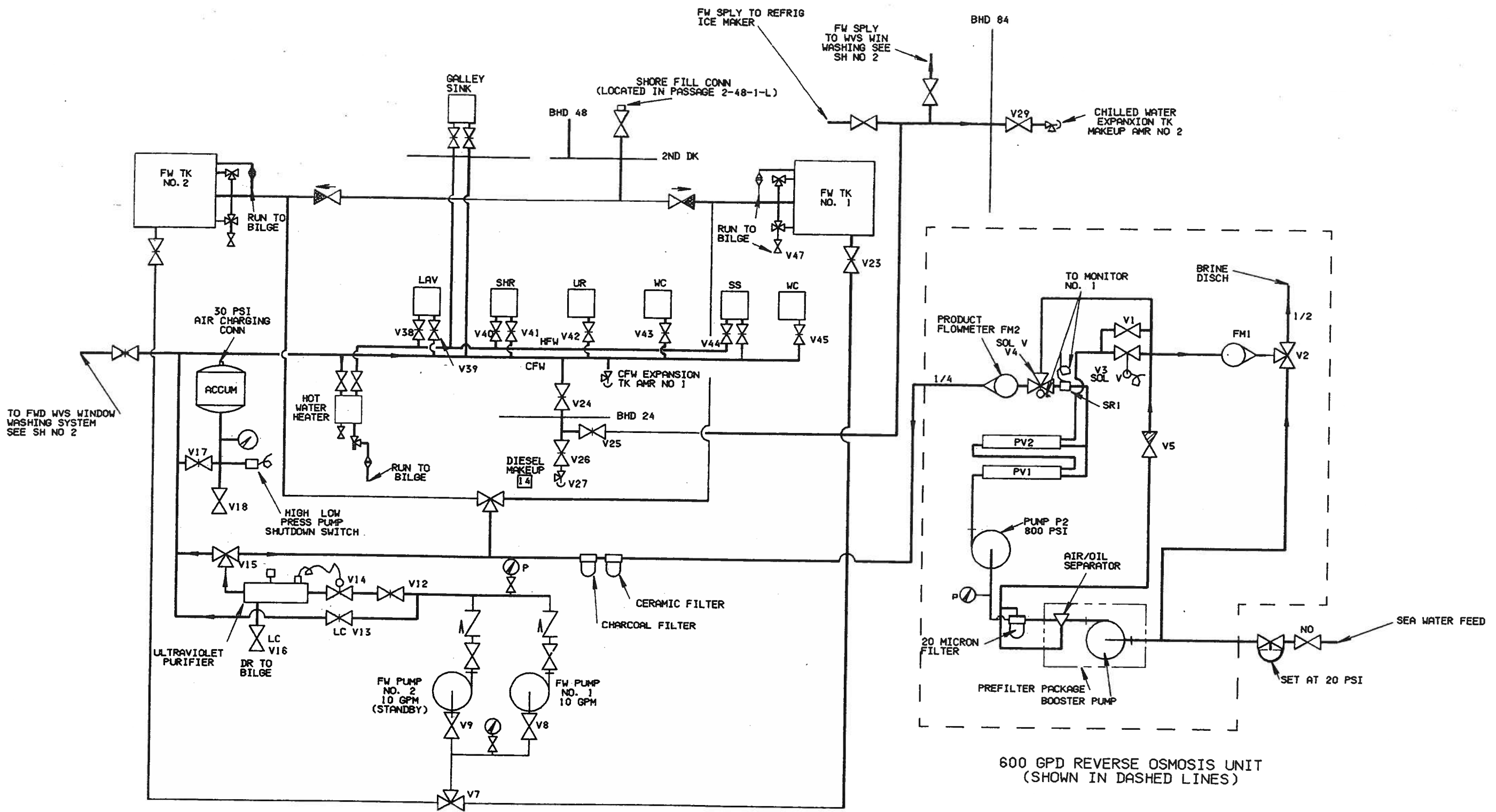
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 86



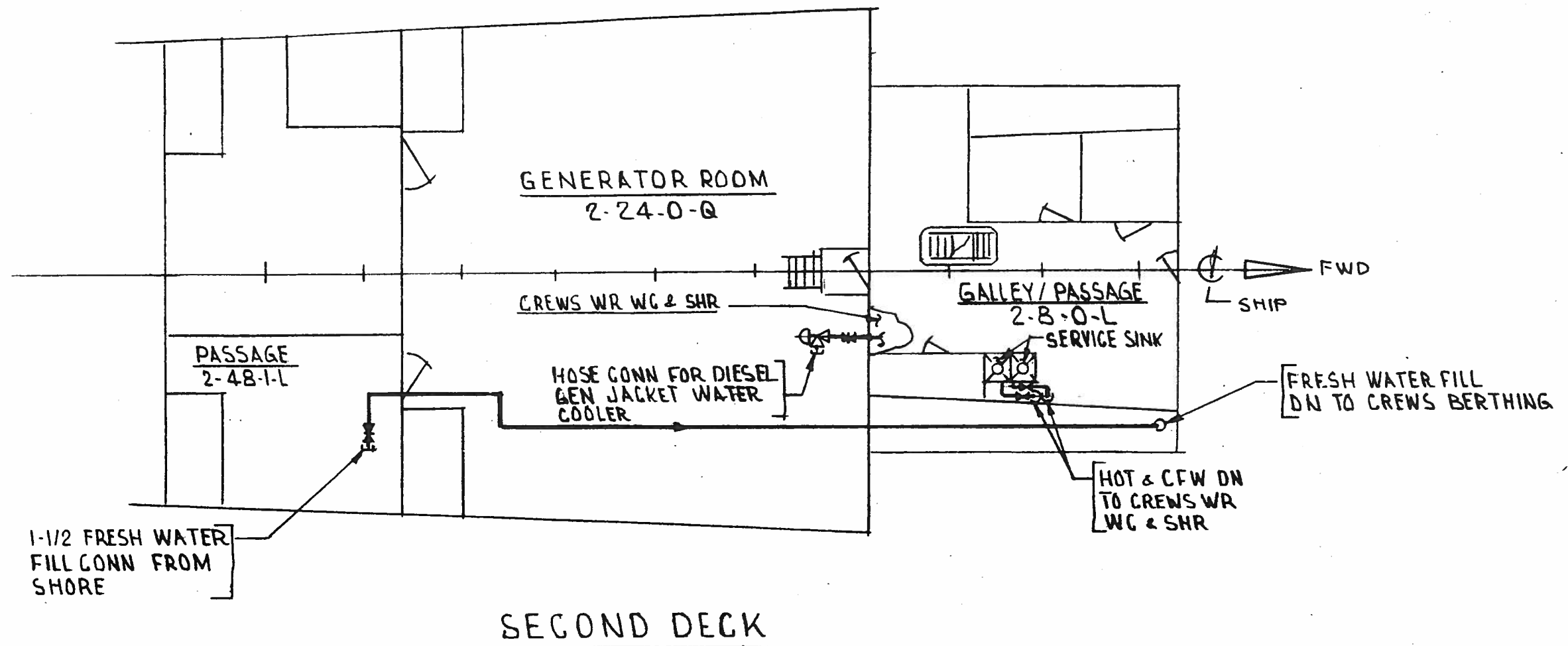
- LEGEND**
- ⊗ NORMALLY OPEN
 - ⊘ NORMALLY CLOSED
 - ⊗ VALVE STOP CHECK
 - ⊗ VALVE SOLENOID
 - ∇ VALVE CHECK
 - ⊗ VALVE DIVERTER
 - ⊙ FILTER
 - ⊠ PS PRESSURE SWITCH

POTABLE WATER SYSTEM		
DRAWING NO		REV
2589000		B
SCALE: NONE	SH 1 OF 2	PAGE 87

FIRST PLATFORM

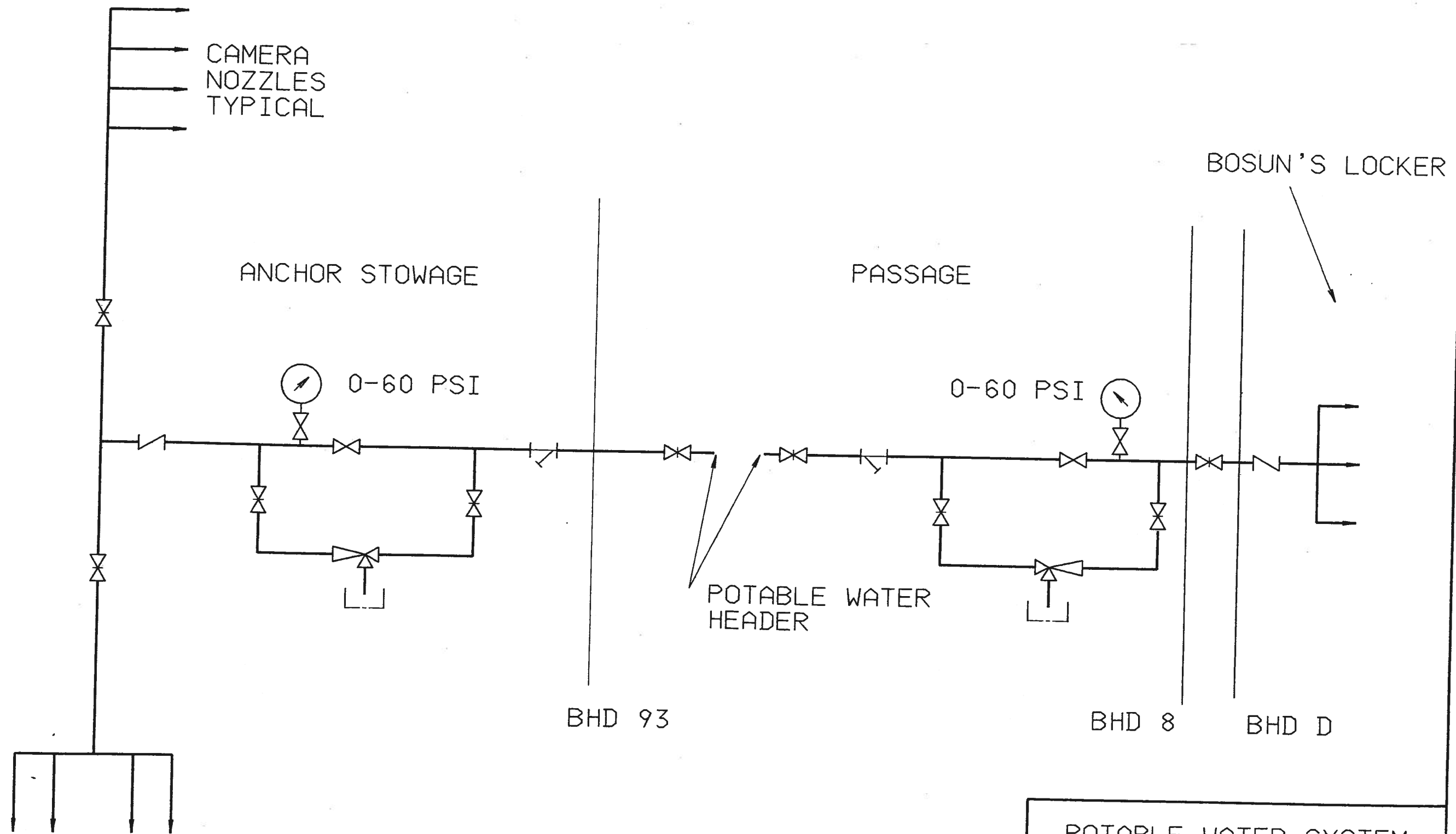


POTABLE WATER SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE NONE	SH 1 OF 3	PAGE 87



POTABLE WATER SYSTEM

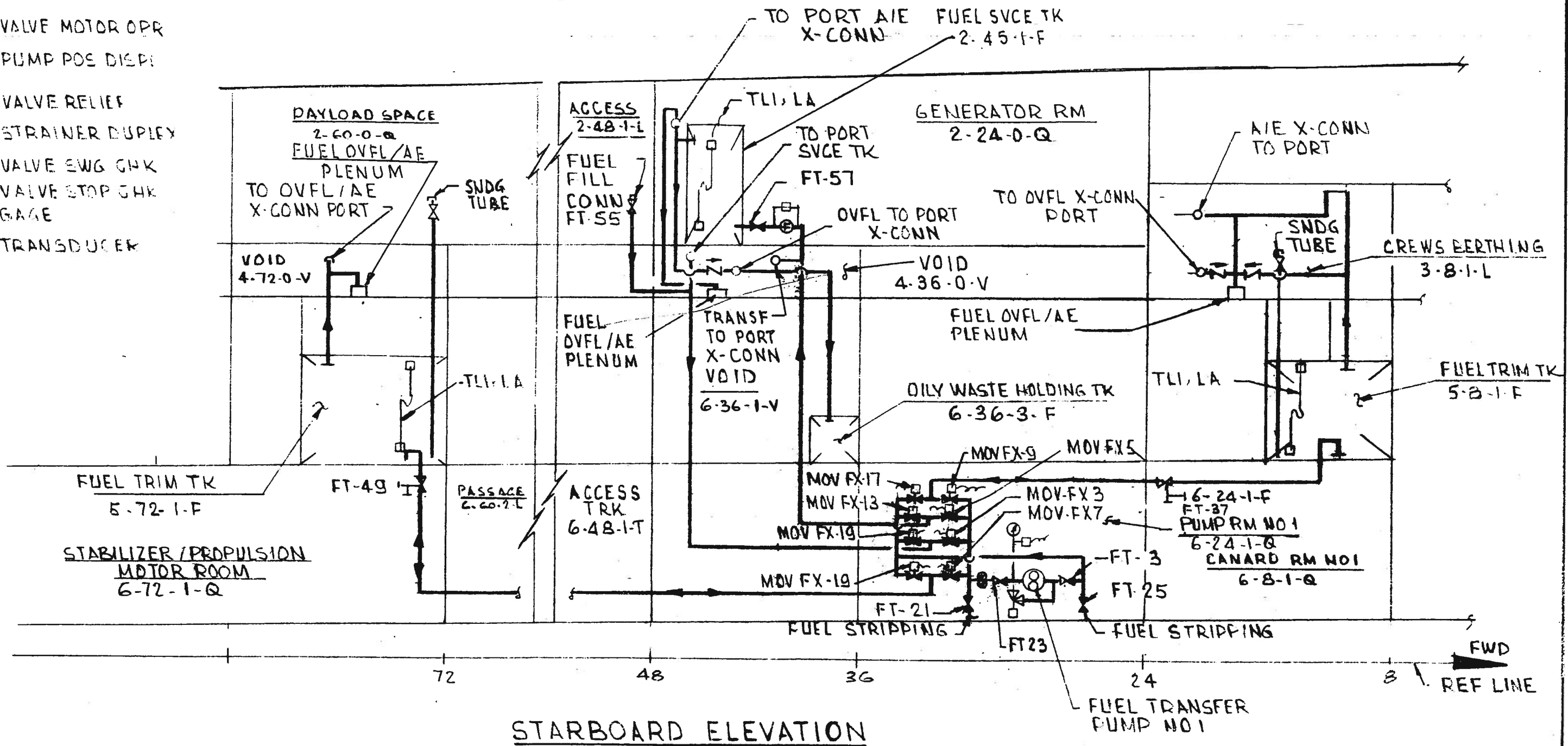
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 3	PAGE 88



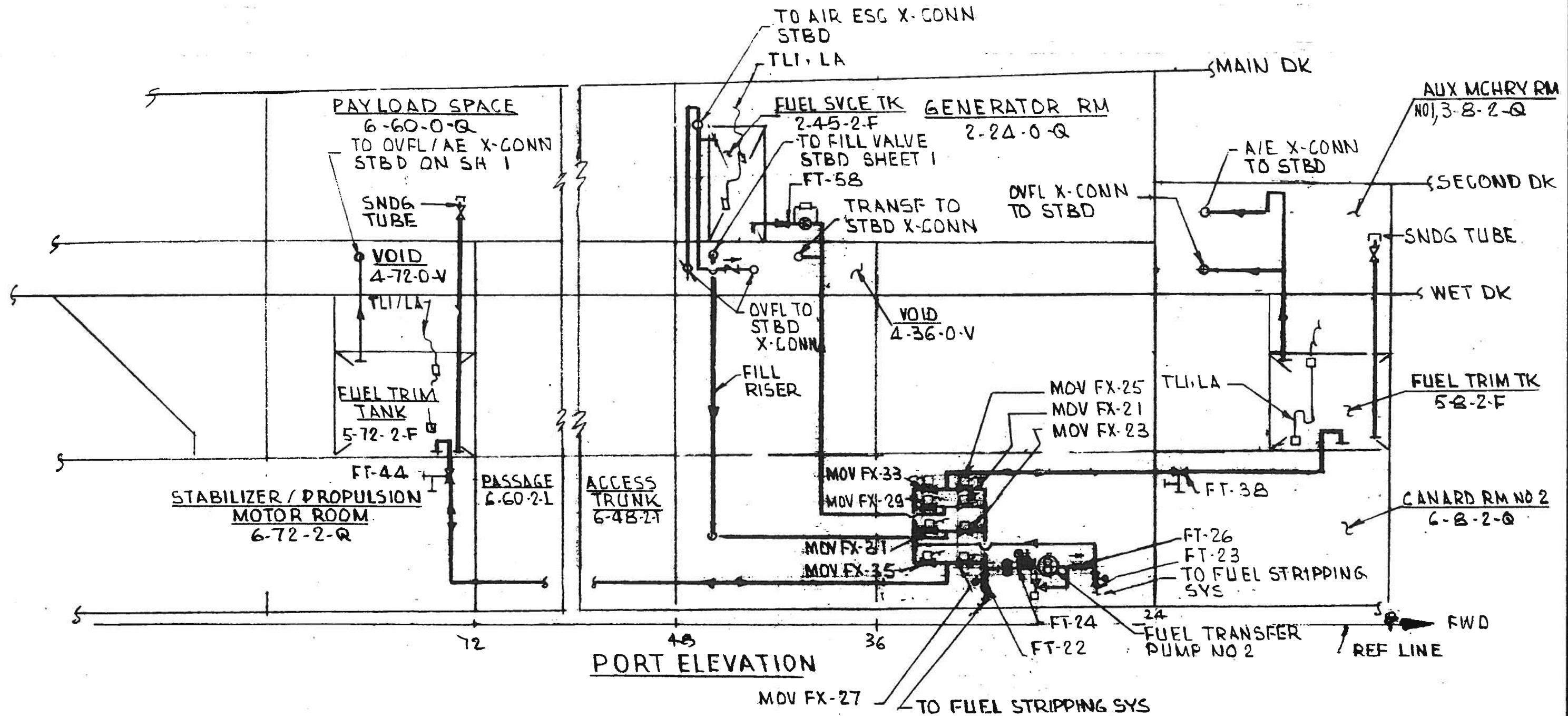
POTABLE WATER SYSTEM	
DRAWING NO	REV
2589000	C
SCALE	SH 3 OF 3 PAGE 88A

LEGEND

- ⊗ VALVE NC
- ⊗ VALVE NC
- ⊙ FILTER
- ⊗ VALVE MOTOR OPR
- ⊙ PUMP POS DISP
- ⊗ VALVE RELIEF
- ⊗ STRAINER DUPLX
- ⊗ VALVE SWG CHK
- ⊗ VALVE STOP CHK
- ⊙ GAGE
- ⊗ TRANSDUCER











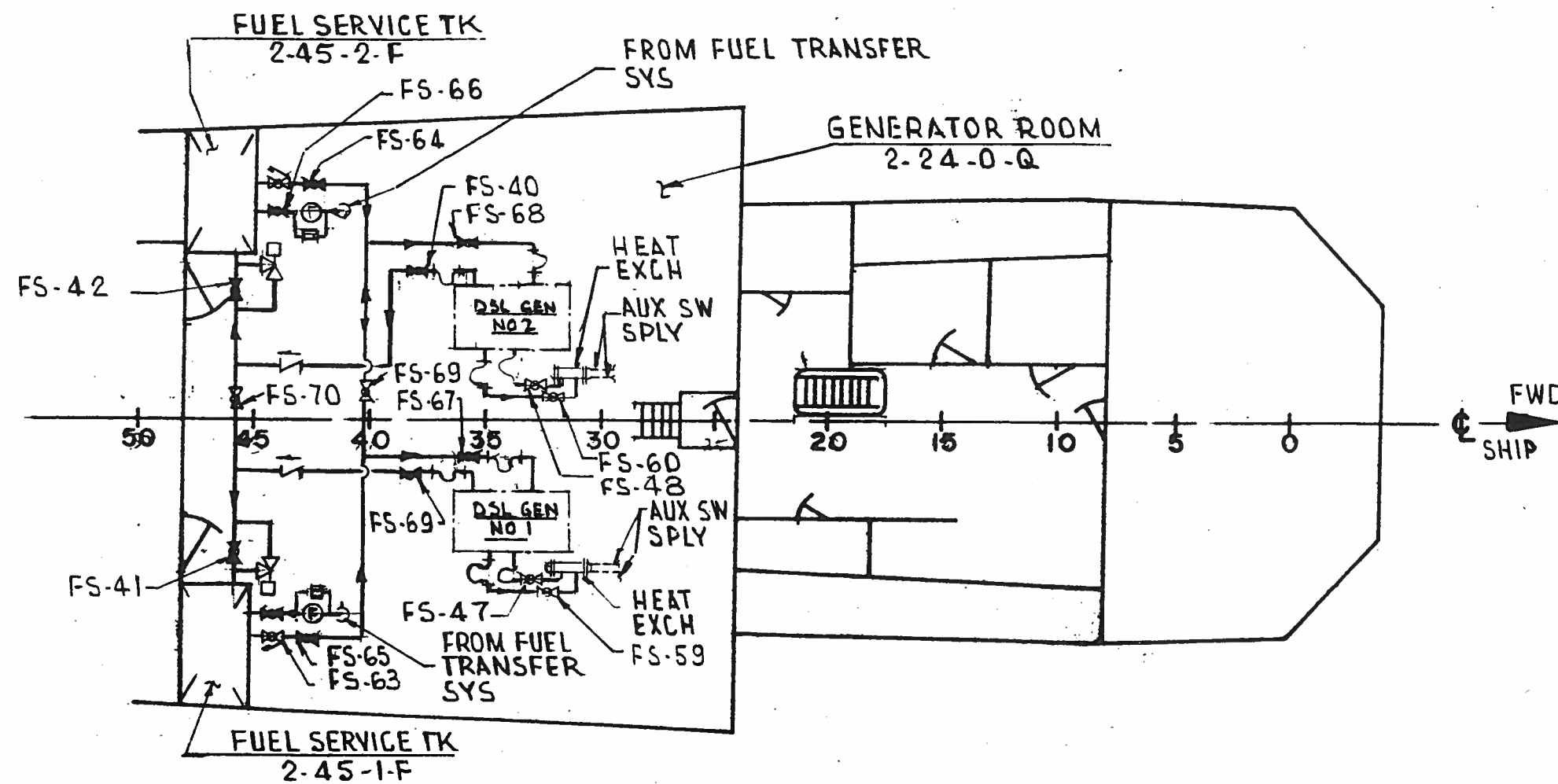
FUEL TRANSFER SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 2	PAGE 89



FUEL TRANSFER SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 2	PAGE 90

LEGEND










-  VALVE NORMALLY OPEN
-  VALVE NORMALLY CLOSED
-  VALVE BALL
-  VALVE QUICK CLOSING
-  FILTER
-  VALVE RELIEF
-  FUEL SERVICE
-  SWING CHECK VALVE

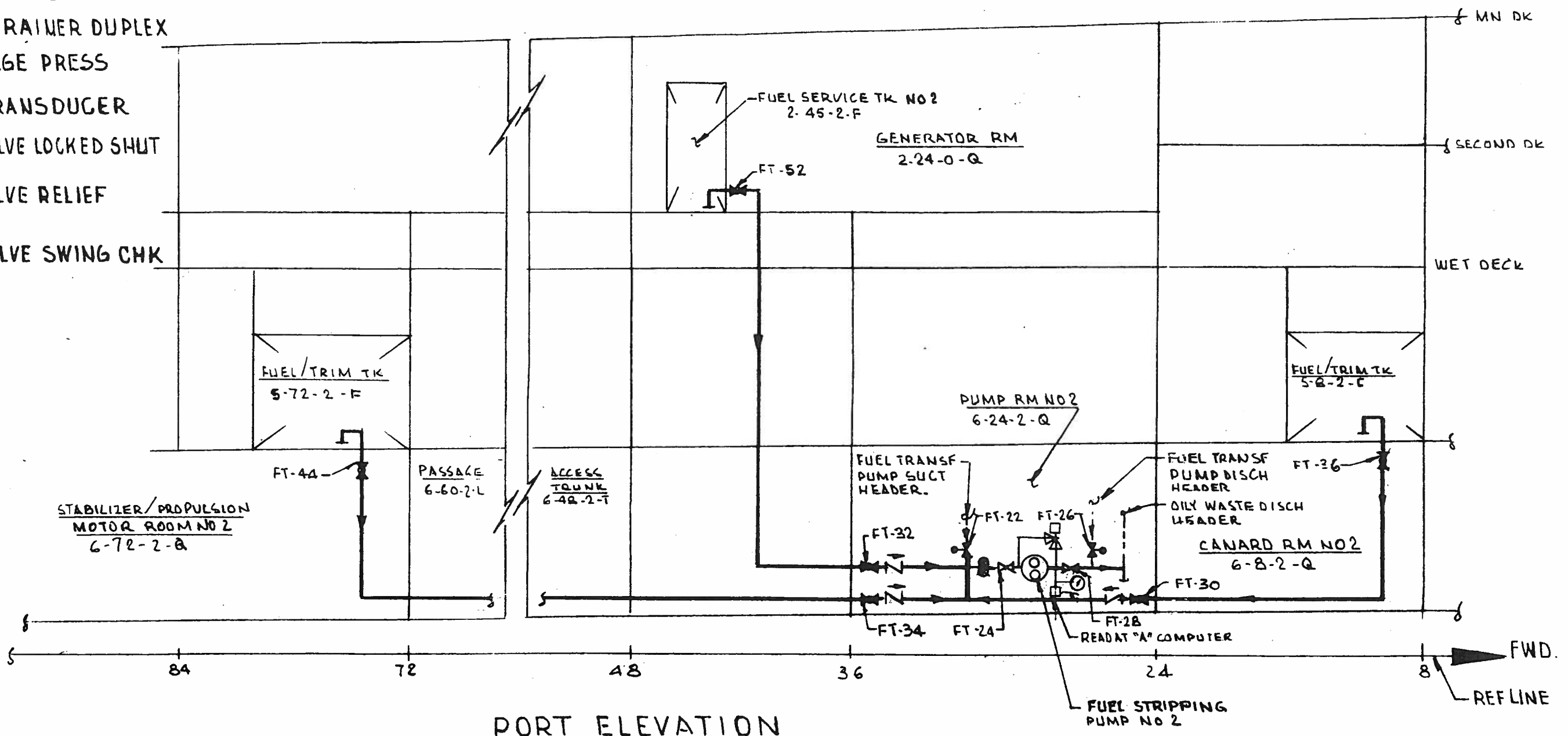


SECOND DECK

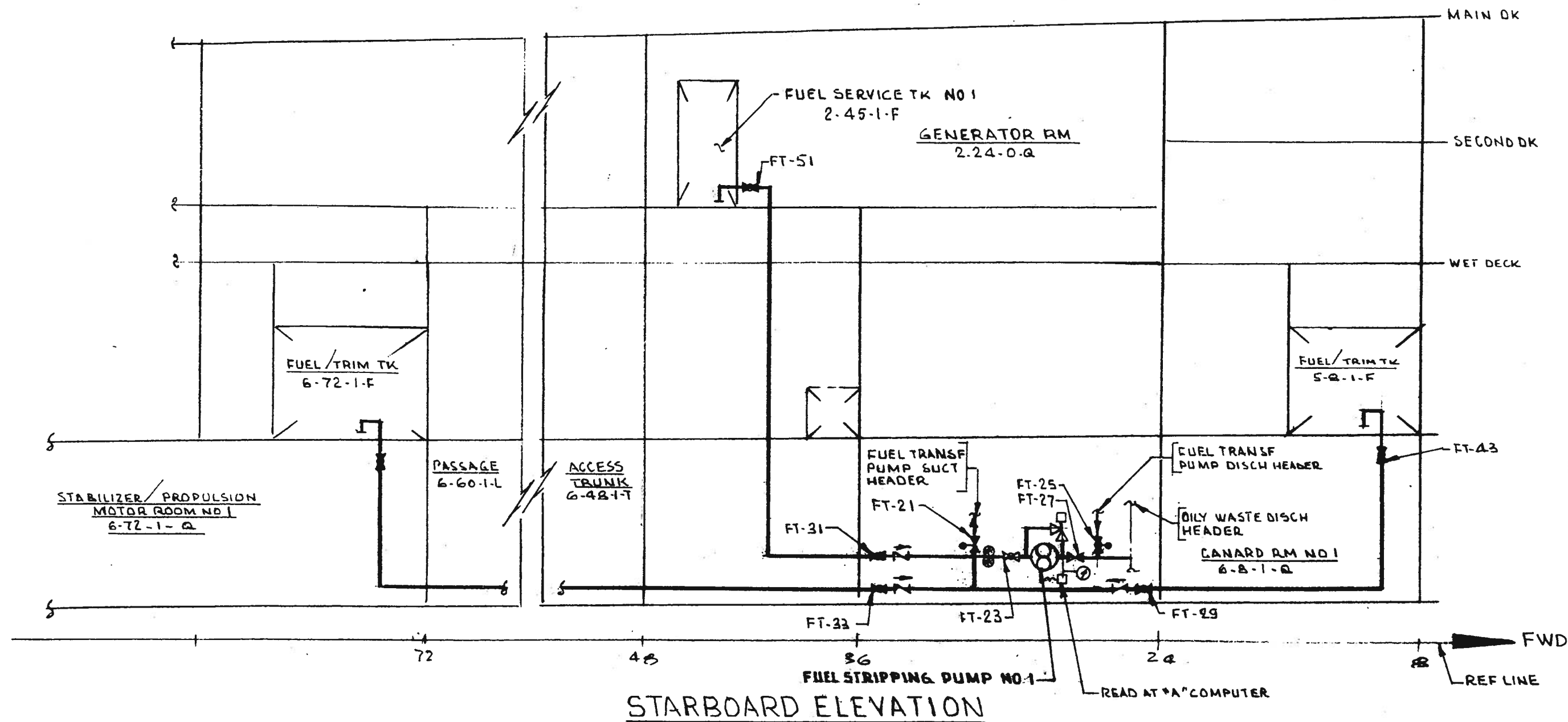
FUEL SERVICE SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 91

LEGEND

-  VALVE N.O.
-  VALVE N.C.
-  VALVE BALL
-  STRAINER DUPLEX
-  GAGE PRESS
-  TRANSDUCER
-  VALVE LOCKED SHUT
-  VALVE RELIEF
-  VALVE SWING CHK



FUEL STRIPPING SYSTEM		
DRAWING NO 2589000	REV C	
SCALE: NONE	SH 1 OF 2	PAGE 92

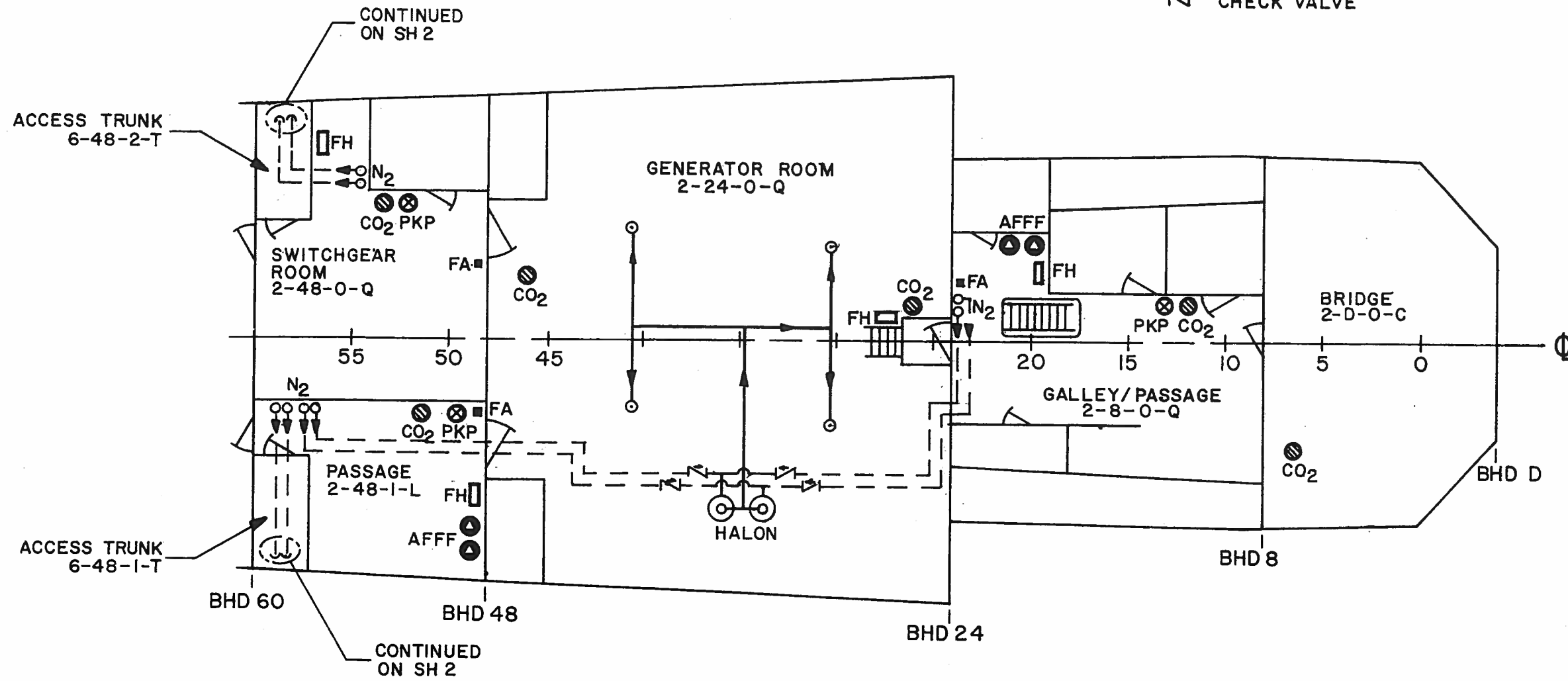


STARBOARD ELEVATION

FUEL STRIPPING SYSTEM		
DRAWING NO	2589000	REV
		C
SCALE: NONE	SH 2 OF 2	PAGE 93

LEGEND

- FIRE ALARM (FA)
- FIRE HOSE (FH)
- ▲ AQUEOUS FILM FORMING FOAM (AFFF)
- ⊗ POTASSIUM CARBONATE (PKP) FIRE EXTINGUISHER
- NITROGEN (N₂)
- ⊙ HALON
- ⊖ CARBON DIOXIDE (CO₂) FIRE EXTINGUISHER
- ⊙ NOZZLE
- ⤴ CHECK VALVE



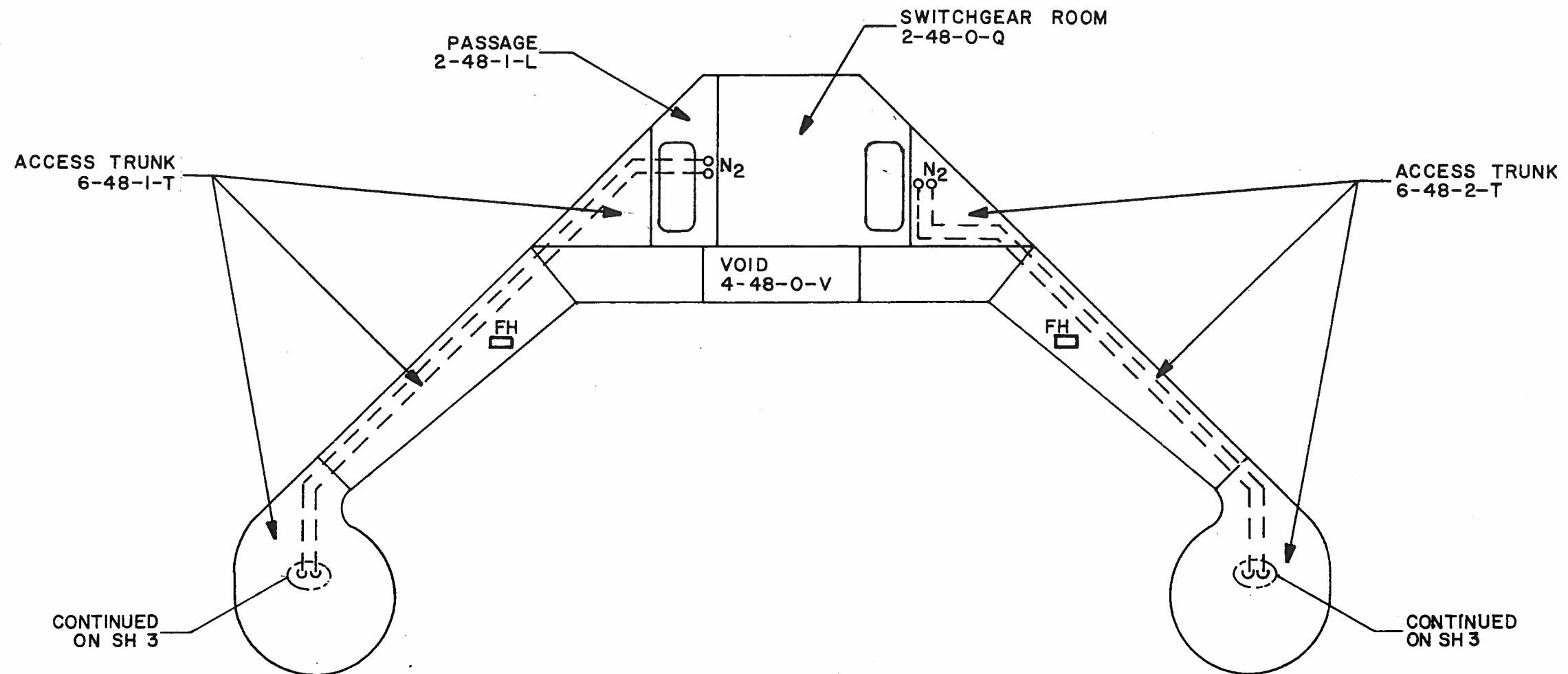
SECOND DECK
FWD OF BHD 60

FIRE EXTINGUISHING SYSTEM		
DRAWING NO	REV	
2589000	C	
SCALE: NONE	SH 1 OF 6	PAGE 94

LEGEND

▭ FIRE HOSE (FH)

○ NITROGEN (N₂)



BULKHEAD 60

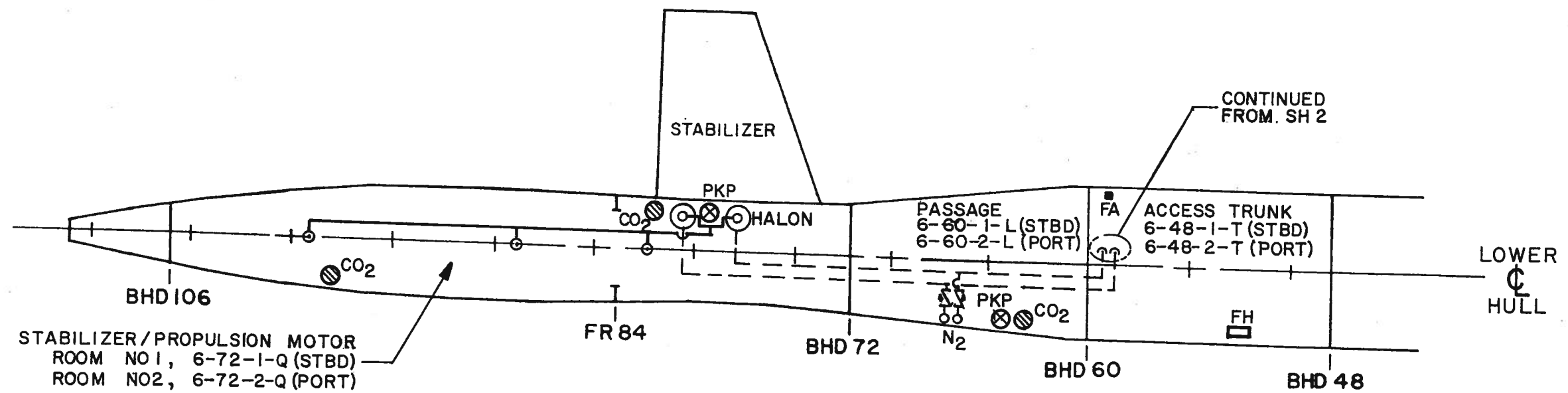
LOOKING AFT

FIRE EXTINGUISHING SYSTEM

DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 6	PAGE 95

LEGEND

- FIRE ALARM (FA)
- FIRE HOSE (FH)
- AQUEOUS FILM FORMING FOAM (AFFF)
- ⊗ CARBON DIOXIDE FIRE EXTINGUISHER (CO₂)
- ⊘ CHECK VALVE
- ⊗ POTASSIUM CARBONATE (PKP) FIRE EXTINGUISHER (PKP)
- NITROGEN (N₂)
- ⊙ HALON
- ⊙ NOZZLE



BHD 106
STABILIZER/PROPULSION MOTOR
ROOM NO 1, 6-72-1-Q (STBD)
ROOM NO 2, 6-72-2-Q (PORT)

FR 84

BHD 72

BHD 60

BHD 48

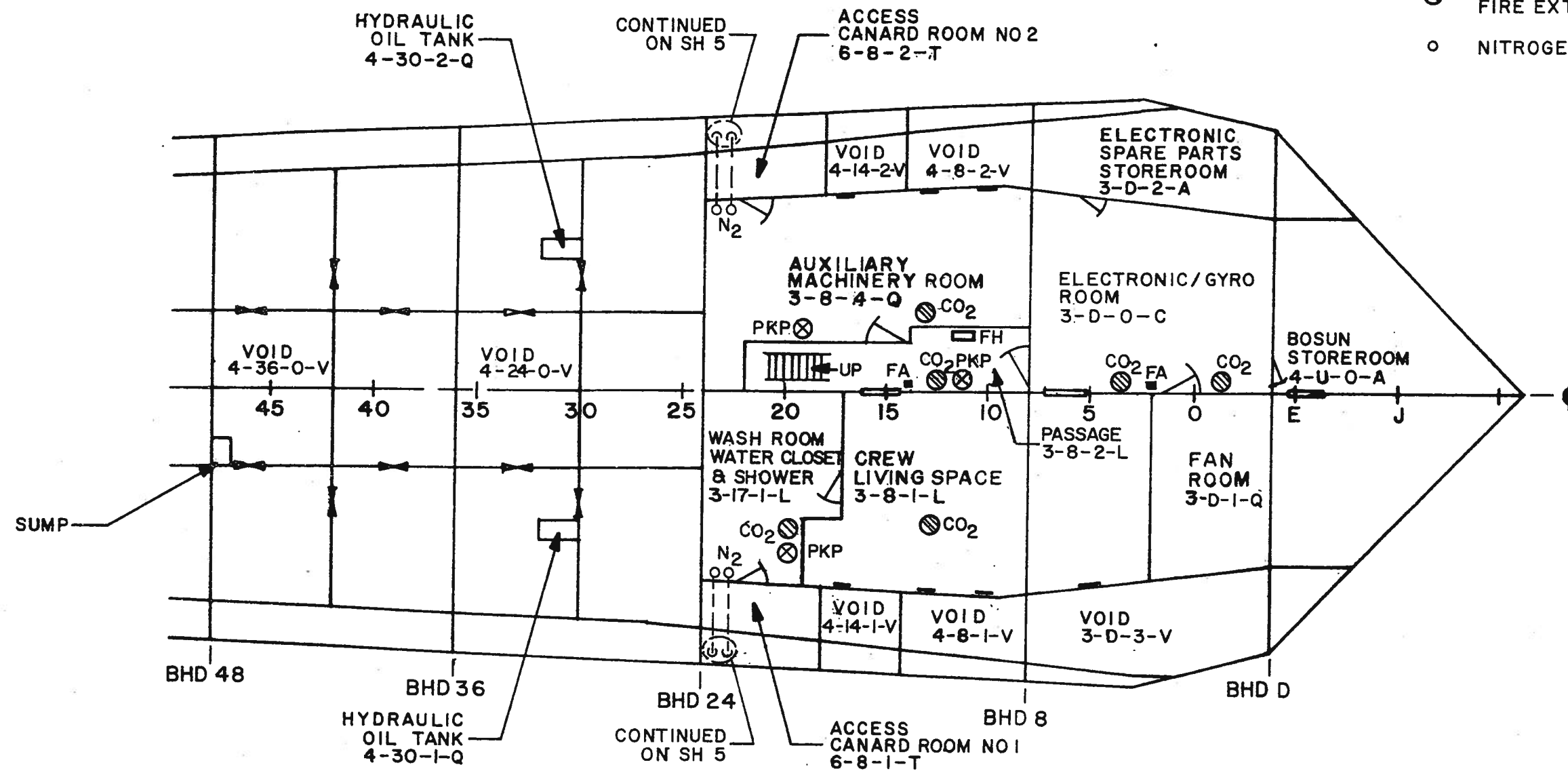
LOWER
HULL

LOWER HULL
AFT OF BHD 48
STARBOARD SHOWN
PORT OPPOSITE HAND

FIRE EXTINGUISHING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 3 of 6	PAGE 96

LEGEND

- FIRE ALARM (FA)
- ▬ FIRE HOSE (FH)
- ⊗ CARBON DIOXIDE (CO₂) FIRE EXTINGUISHER
- ⊗ POTASSIUM CARBONATE (PKP) FIRE EXTINGUISHER
- NITROGEN (N₂)



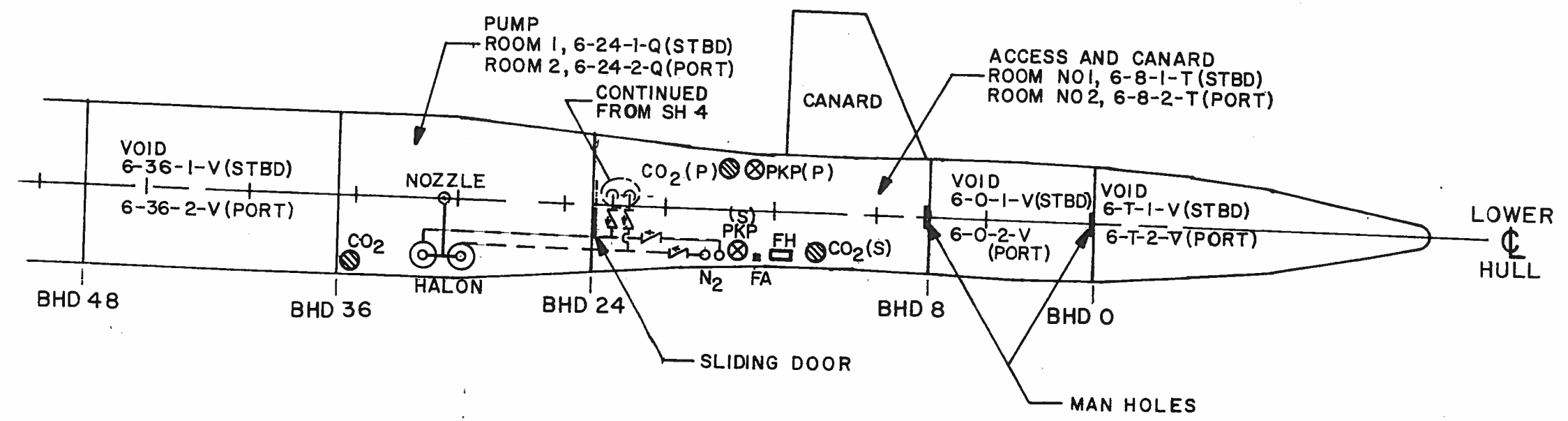
WET DECK
FWD OF BHD 48

FIRE EXTINGUISHING SYSTEM

DRAWING NO		REV
2589000		C
SCALE: NONE	SH 4 OF 6	PAGE 97

LEGEND

- FIRE ALARM (FA)
- FIRE HOSE (FH)
- AQUEOUS FILM FORMING FOAM (AFFF)
- ⊗ CARBON DIOXIDE FIRE EXTINGUISHER (CO₂)
- ⚡ CHECK VALVE
- ⊗ POTASSIUM CARBONATE FIRE EXTINGUISHER (PKP)
- NITROGEN (N₂)
- ⊙ HALON
- NOZZLE

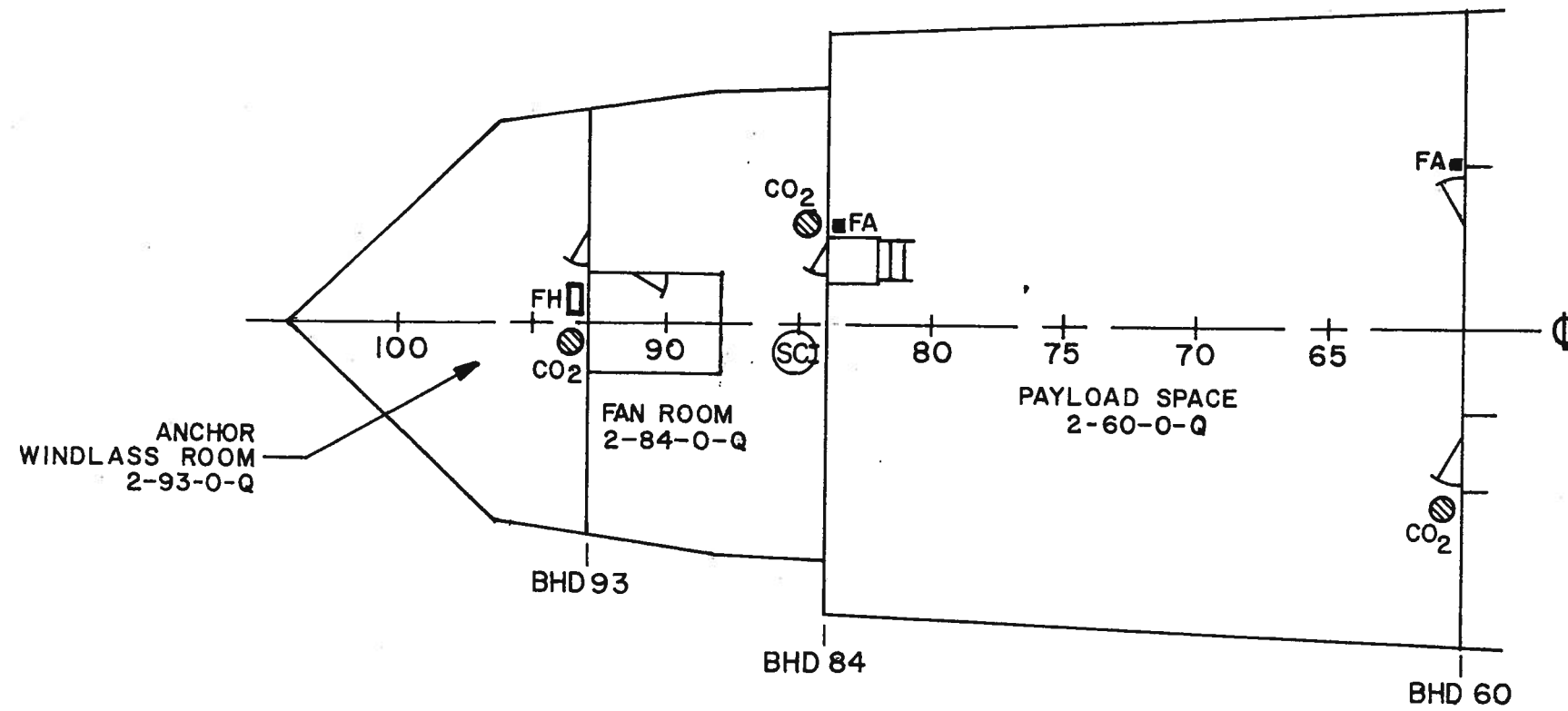


LOWER HULL
 FWD OF BHD 48
 STARBOARD SHOWN
 PORT OPPOSITE HAND

FIRE EXTINGUISHING SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 50F6	PAGE 98

LEGEND

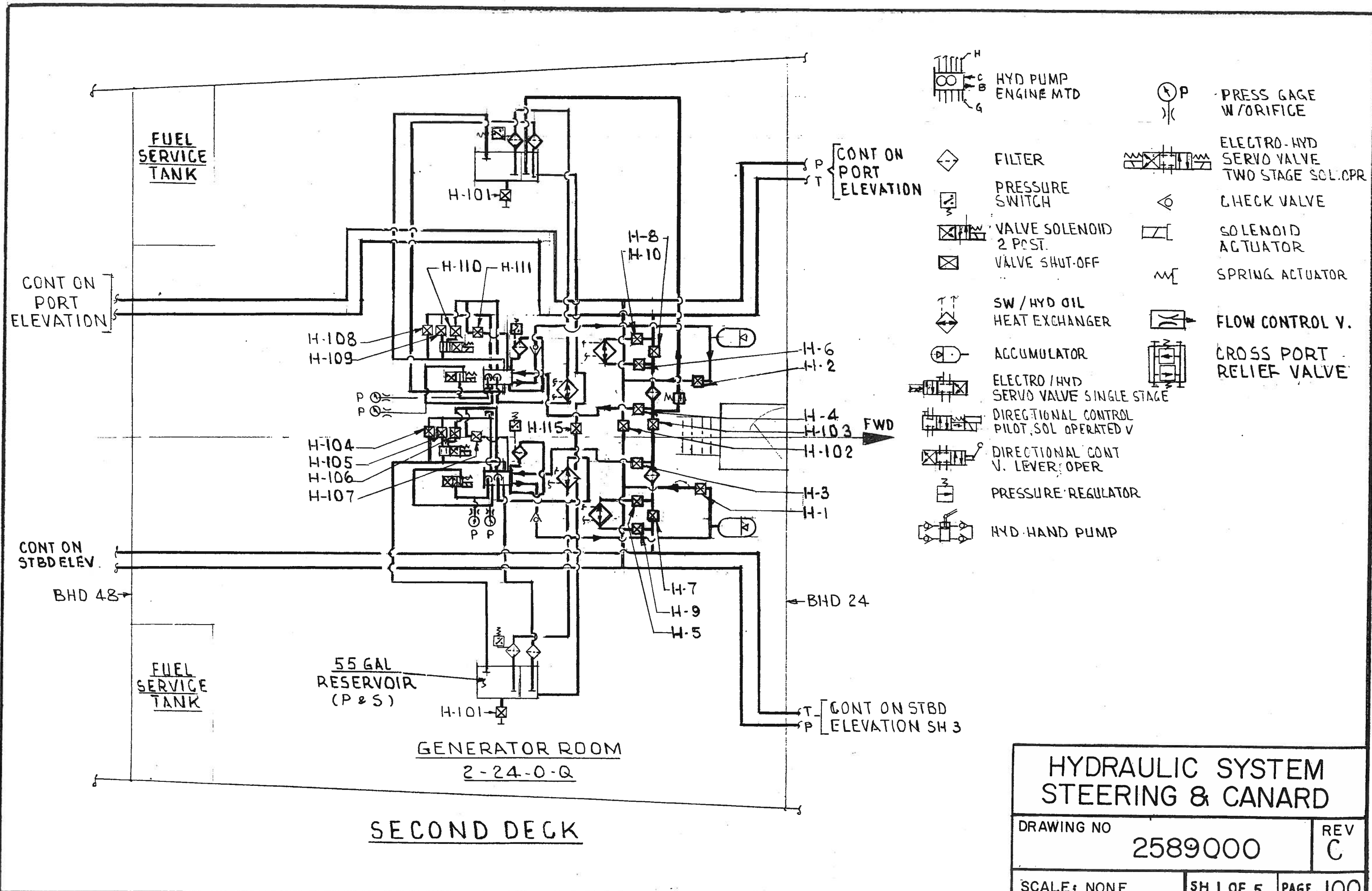
- FIRE ALARM (FA)
- ▭ FIRE HOSE (FH)
- ⊗ CARBON DIOXIDE (CO₂)
FIRE EXTINGUISHER (CO₂)



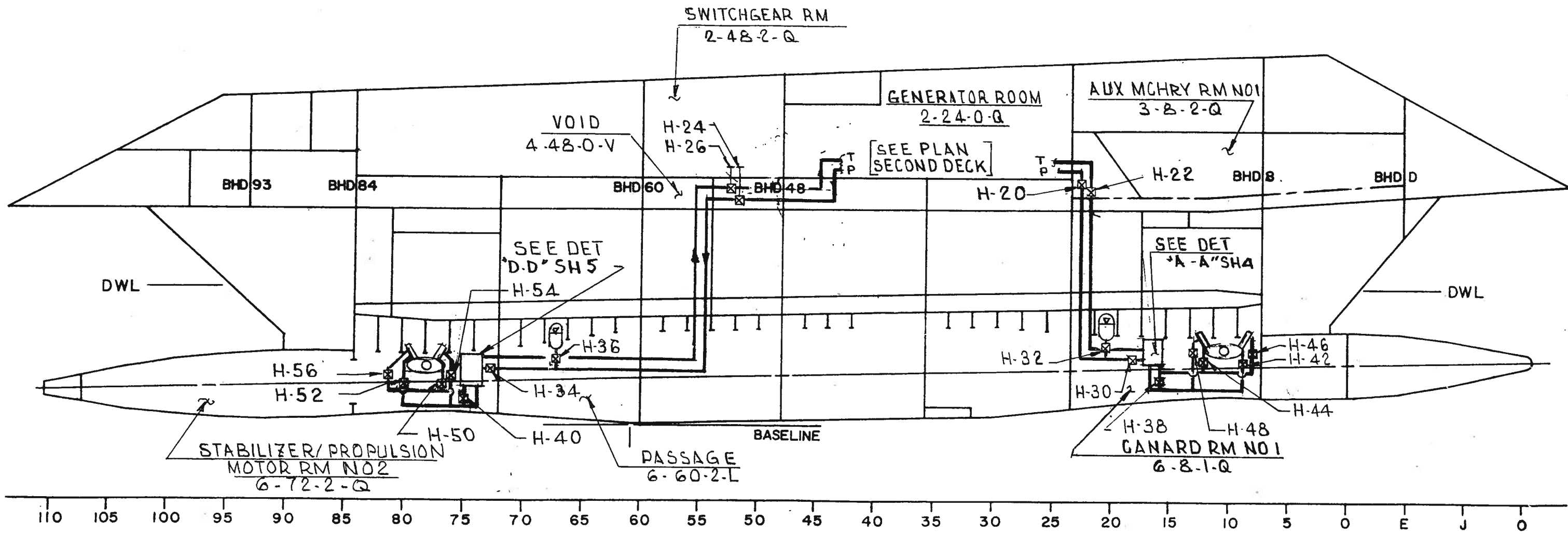
SECOND DECK
AFT OF BHD 60

FIRE EXTINGUISHING
SYSTEM

DRAWING NO		REV
2589000		C
SCALE : NONE	SH 6 OF 6	PAGE 99

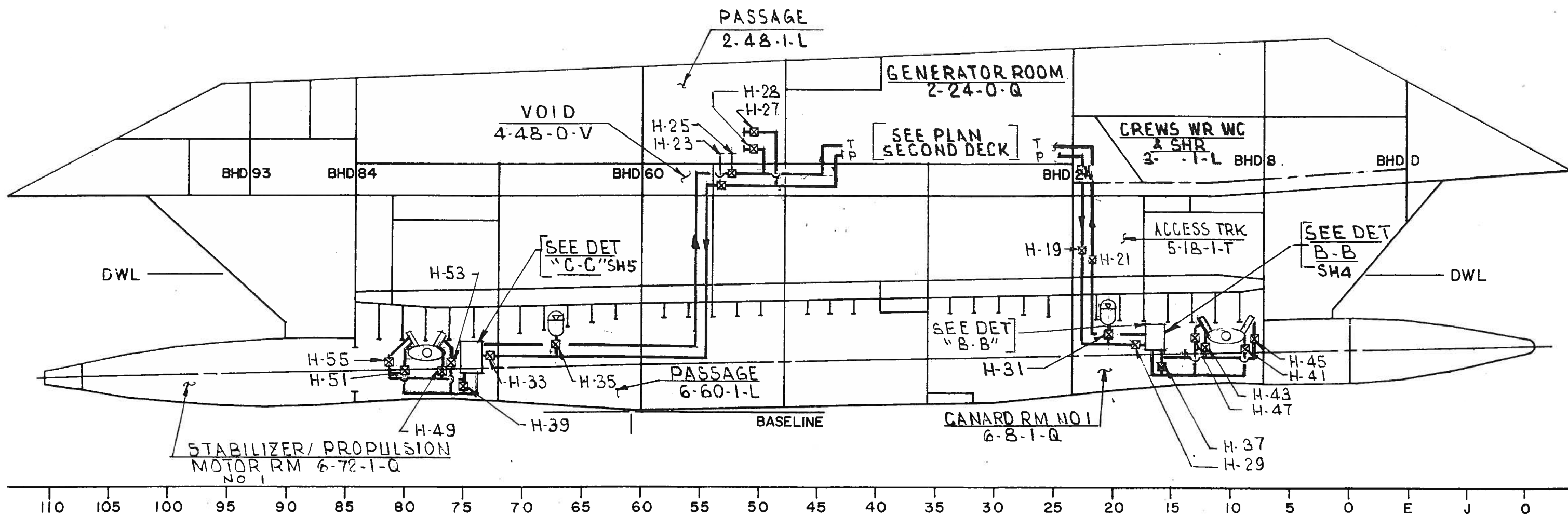


HYDRAULIC SYSTEM STEERING & CANARD		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 5	PAGE 100



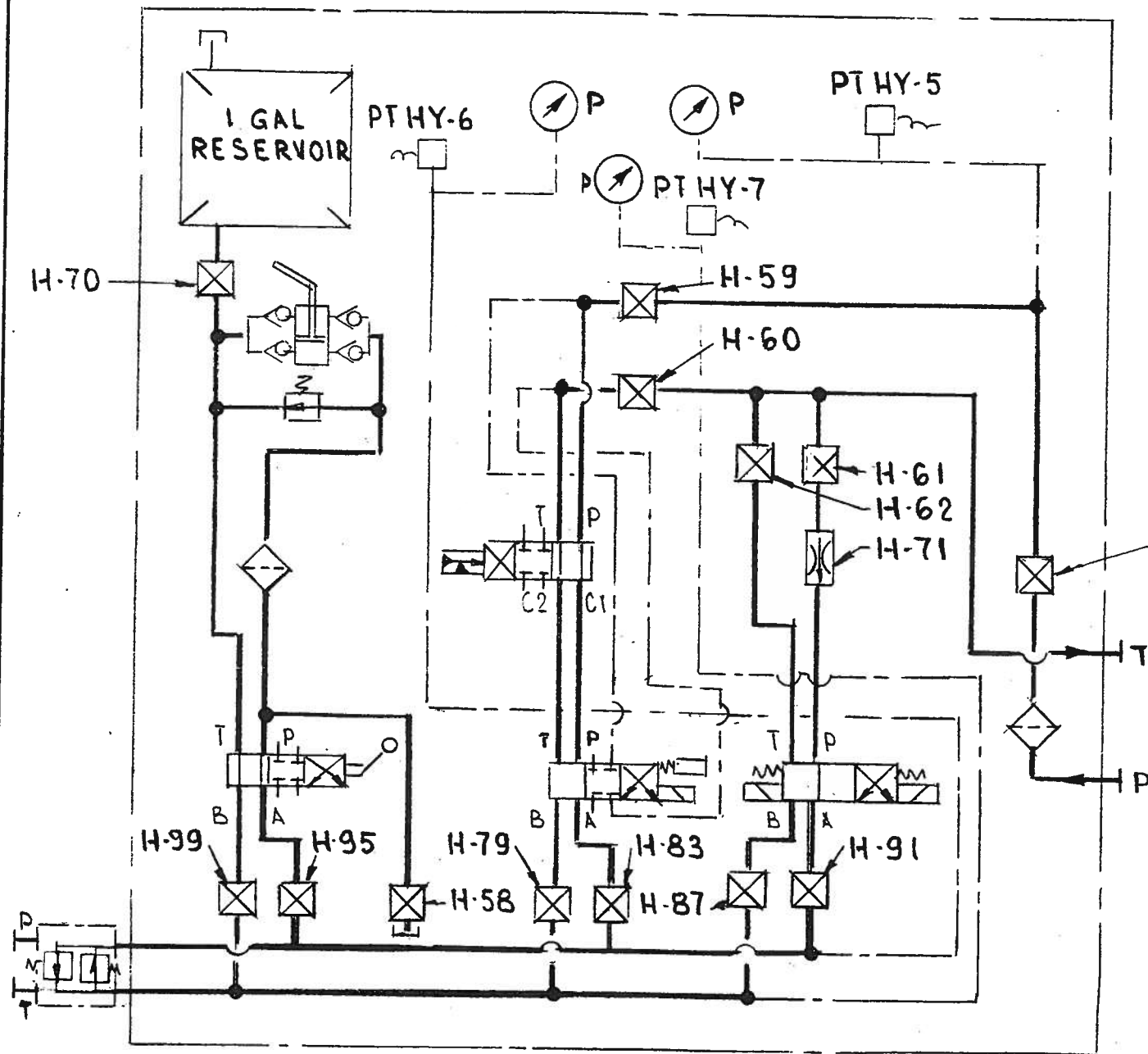
PORT ELEVATION

HYDRAULIC SYSTEM STEERING & CANARD		
DRAWING NO 2589000		REV C
SCALE: NONE	SH 2 OF 5	PAGE 101

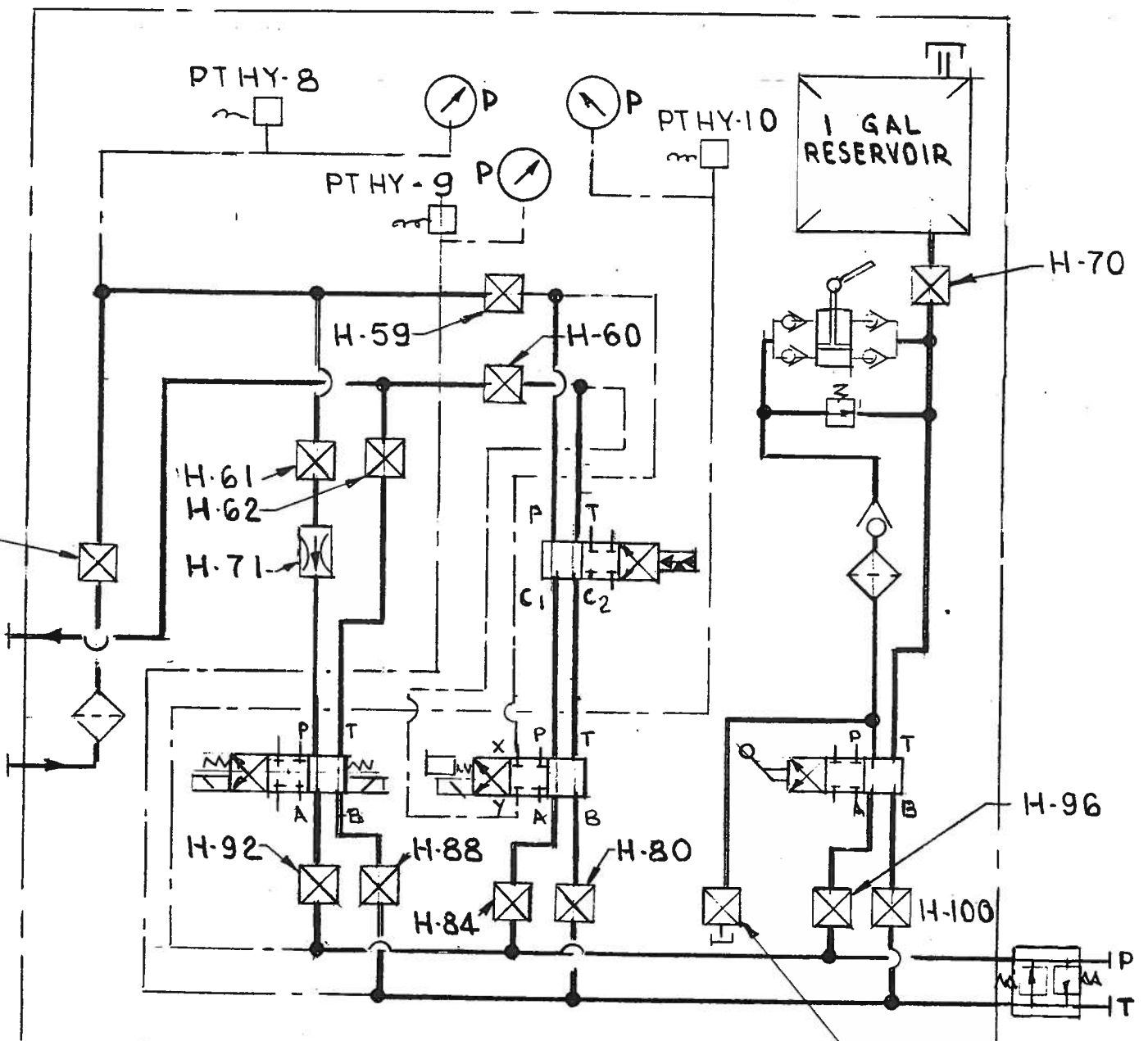


STARBOARD ELEVATION

HYDRAULIC SYSTEM STEERING & CANARD		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 3 OF 5	PAGE 102



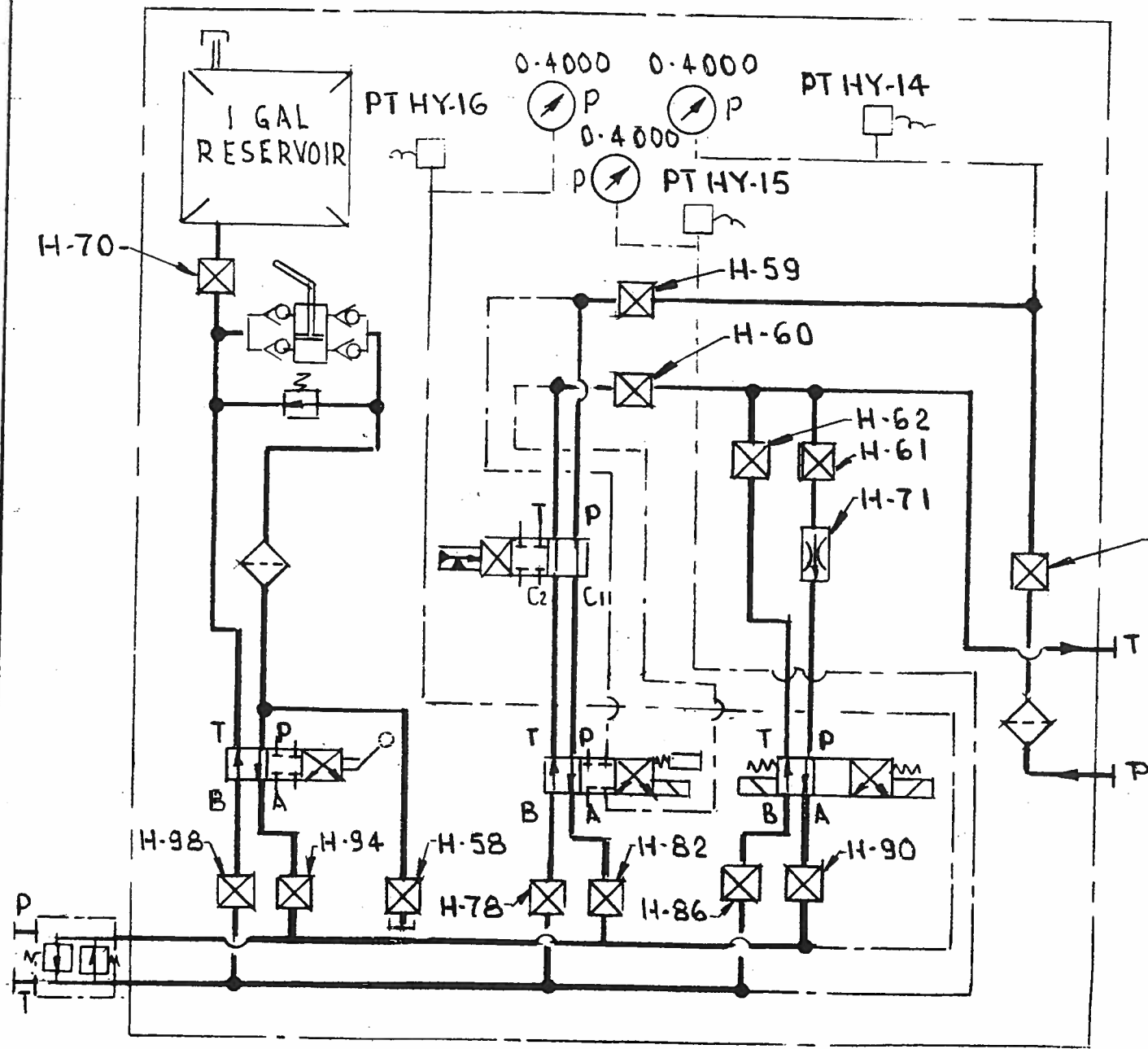
DETAIL "B-B"
STBD CANARD CONTROL PANEL



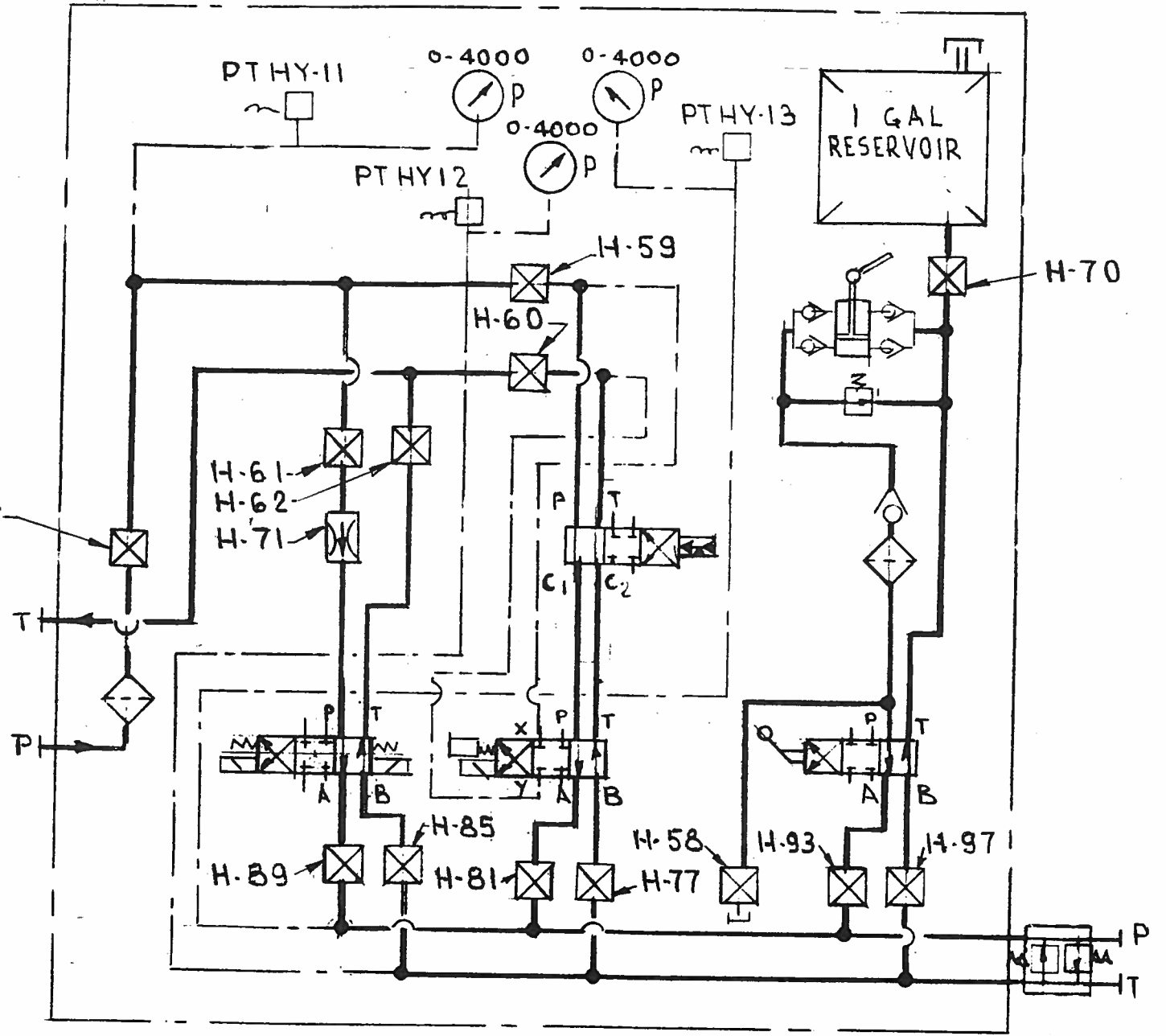
DETAIL "A-A"
PORT CANARD CONTROL PANEL

HYDRAULIC SYSTEM
STEERING & CANARD

DRAWING NO	REV
2589000	C
SCALE: NONE	SH 4 OF 5 PAGE 103

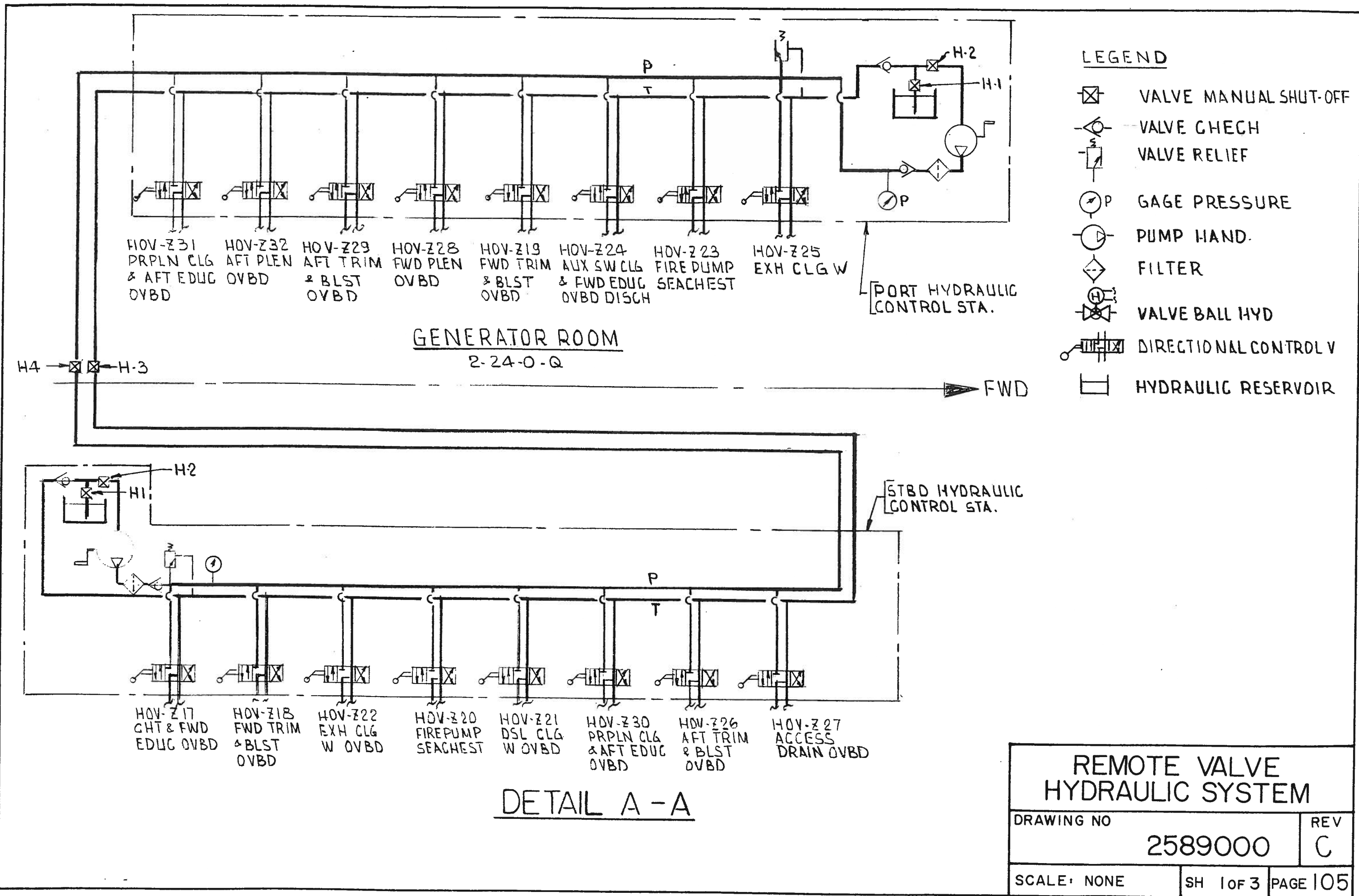


DETAIL "D-D"
PORT STABILIZER CONTROL PANEL












DETAIL "C-C"
STBD STABILIZER CONTROL PANEL

HYDRAULIC SYSTEM STEERING & CANARD		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 5. OF 5	PAGE 104



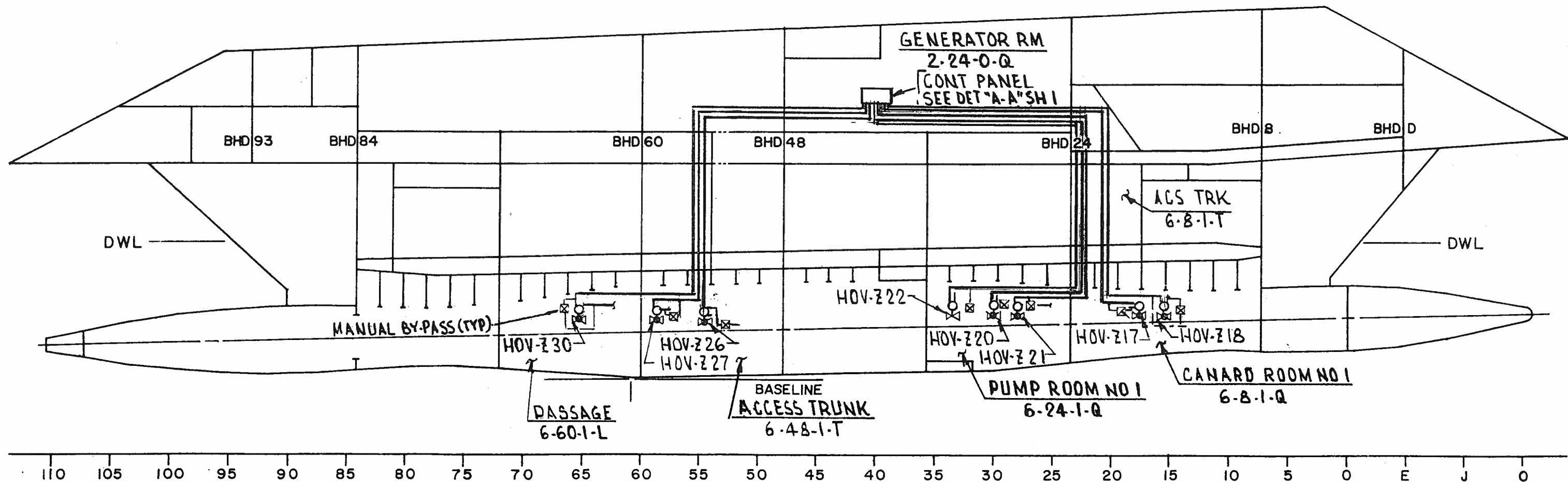
LEGEND

-  VALVE MANUAL SHUT-OFF
-  VALVE CHECK
-  VALVE RELIEF
-  GAGE PRESSURE
-  PUMP HAND.
-  FILTER
-  VALVE BALL HYD
-  DIRECTIONAL CONTROL V
-  HYDRAULIC RESERVOIR

GENERATOR ROOM
2-24-O-Q

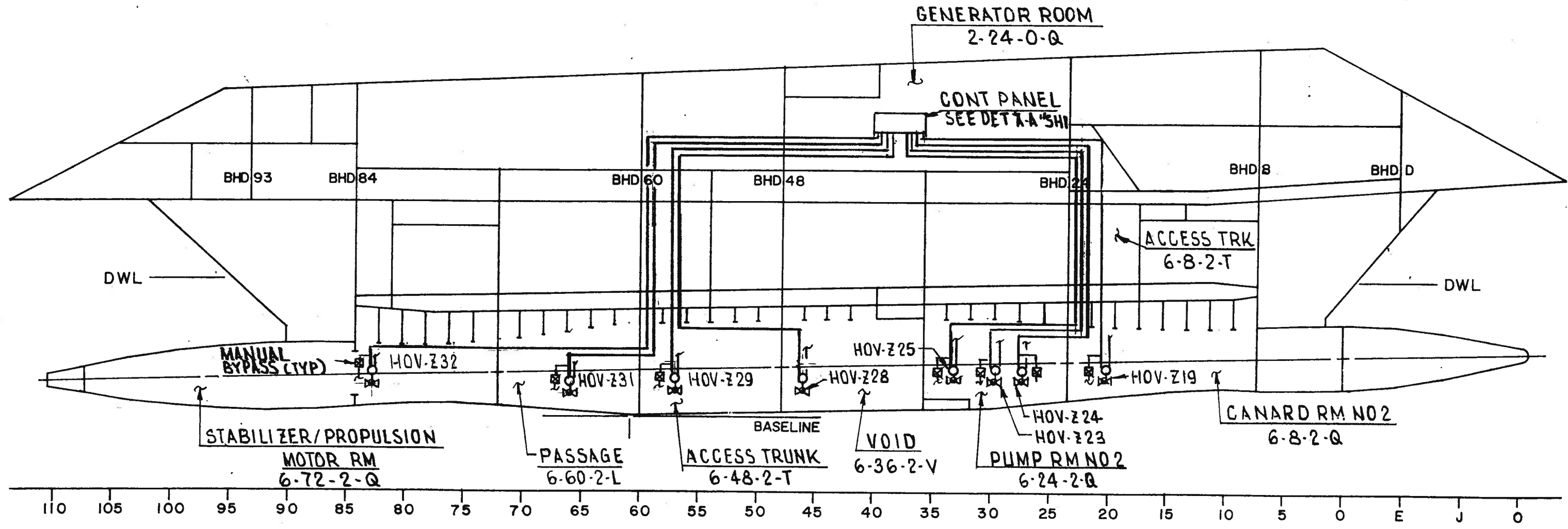
DETAIL A-A

REMOTE VALVE HYDRAULIC SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 of 3	PAGE 105



STARBOARD ELEVATION



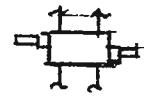
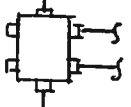




REMOTE VALVE HYDRAULIC SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 3	PAGE 106

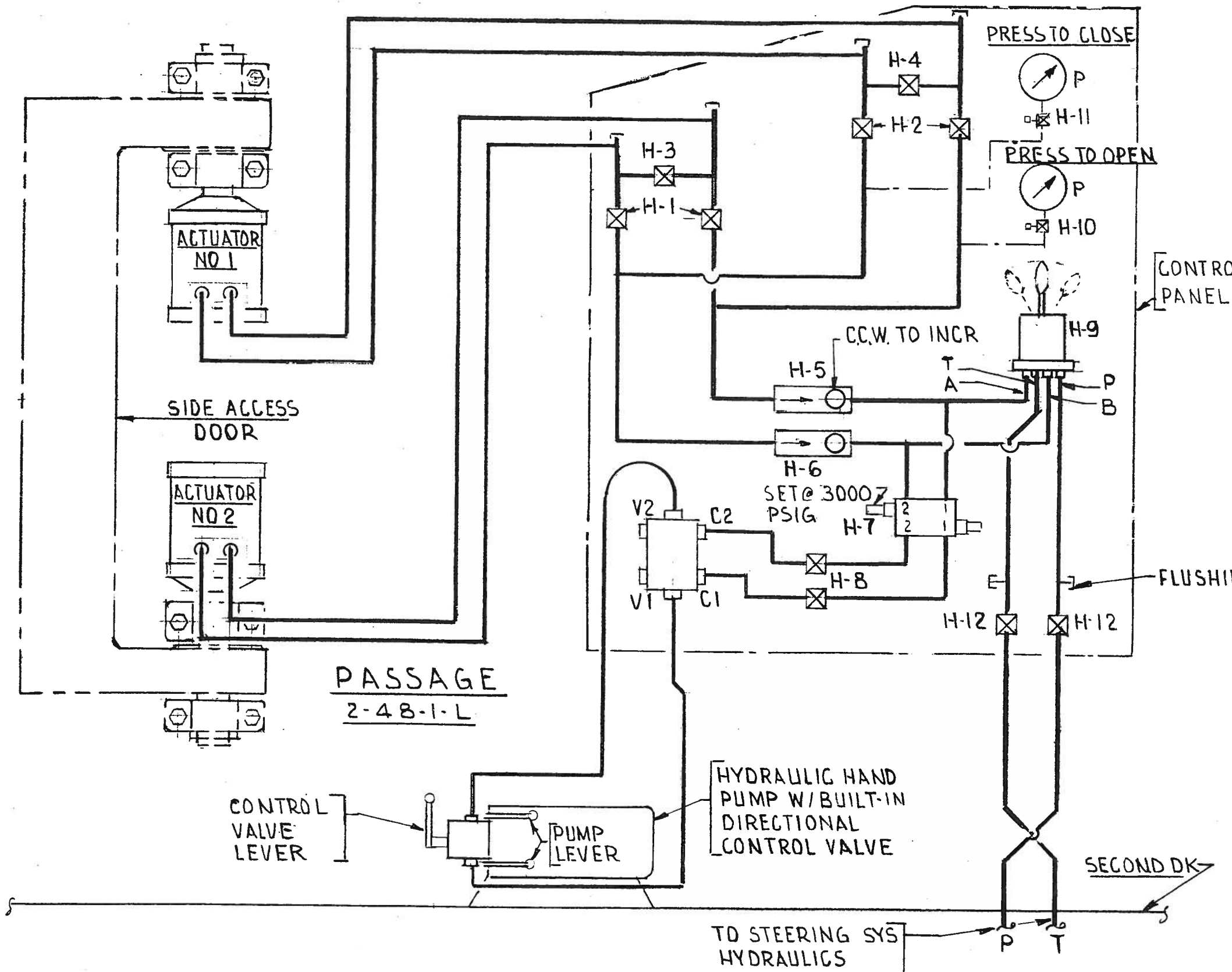


PORT ELEVATION

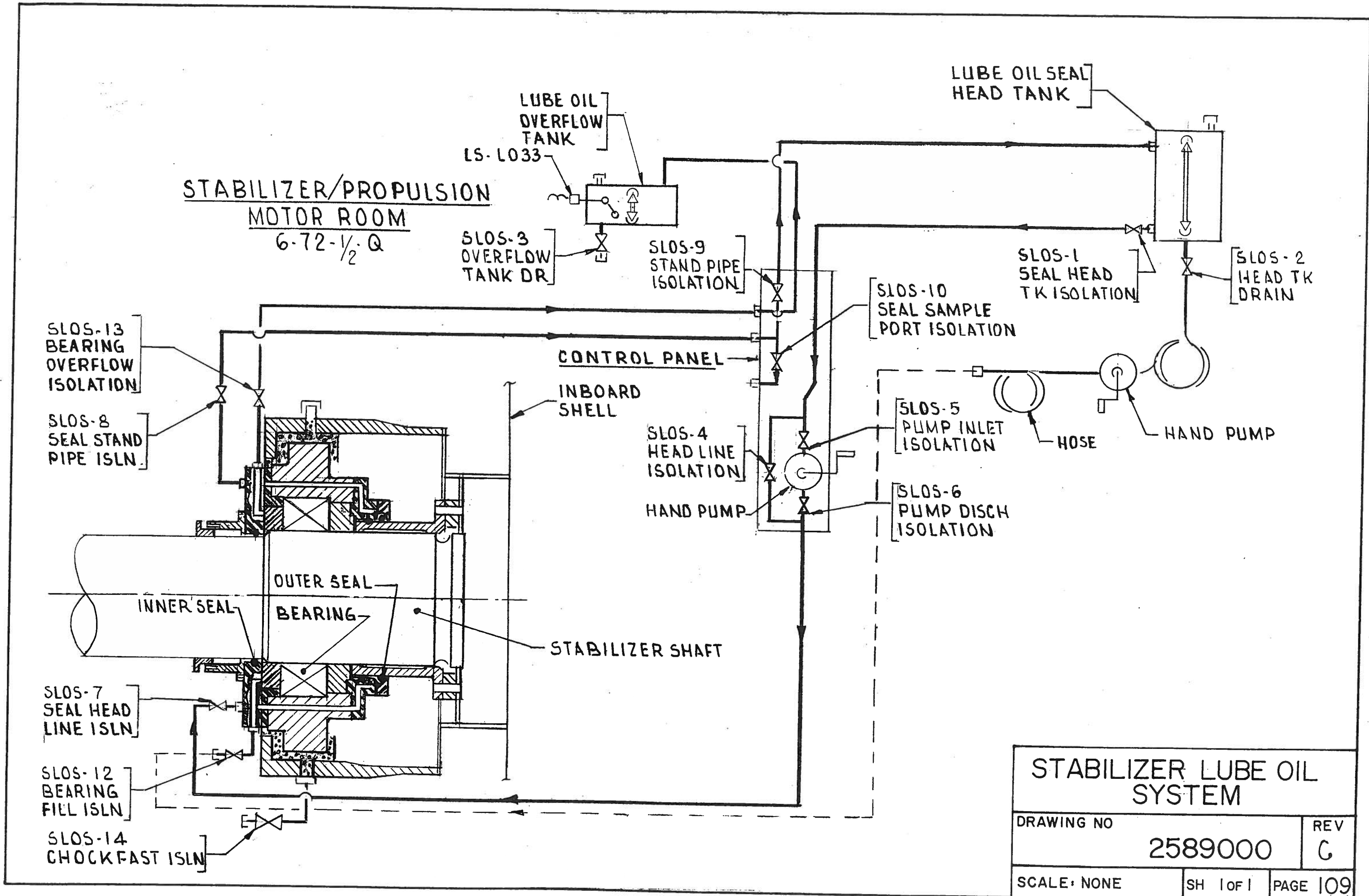
REMOTE VALVE HYDRAULIC SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 3 OF 3	PAGE 107

LEGEND

-  DIRECTIONAL CONTROL VALVE LEVER OPERATED
-  FLOW CONTROL VALVE
-  CROSS PORT RELIEF VALVE
-  PILOT OPERATED CHECK VALVE (TO OPEN)
-  PRESSURE GAGE
-  ISOLATION VALVE (MANUAL)
-  HOSE CAP
-  SNUBBER VALVE (GAGE)



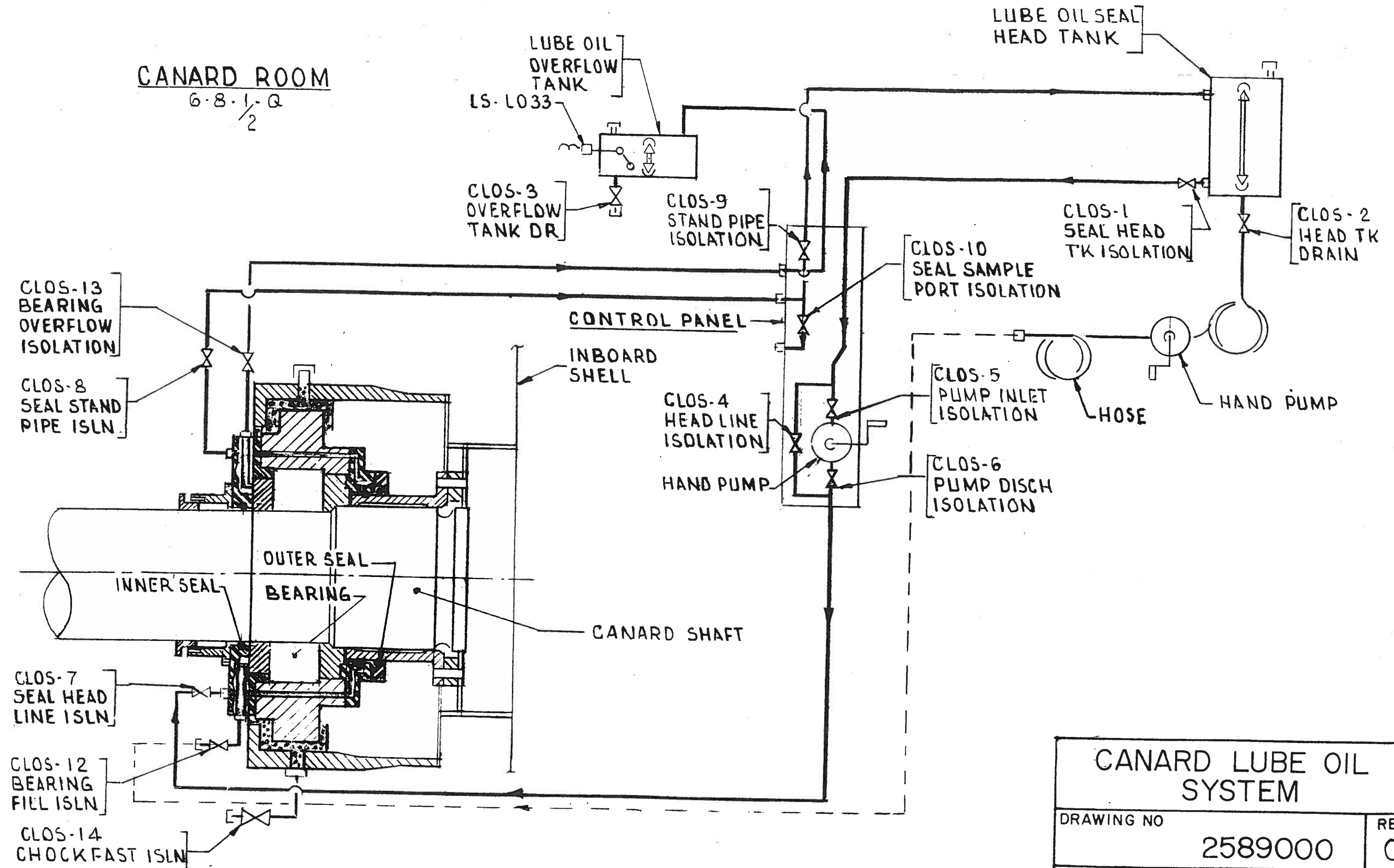
SIDE ACCESS DOOR HYDRAULIC SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 1	PAGE 08



STABILIZER LUBE OIL SYSTEM		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 OF 1	PAGE 109

















CANARD ROOM

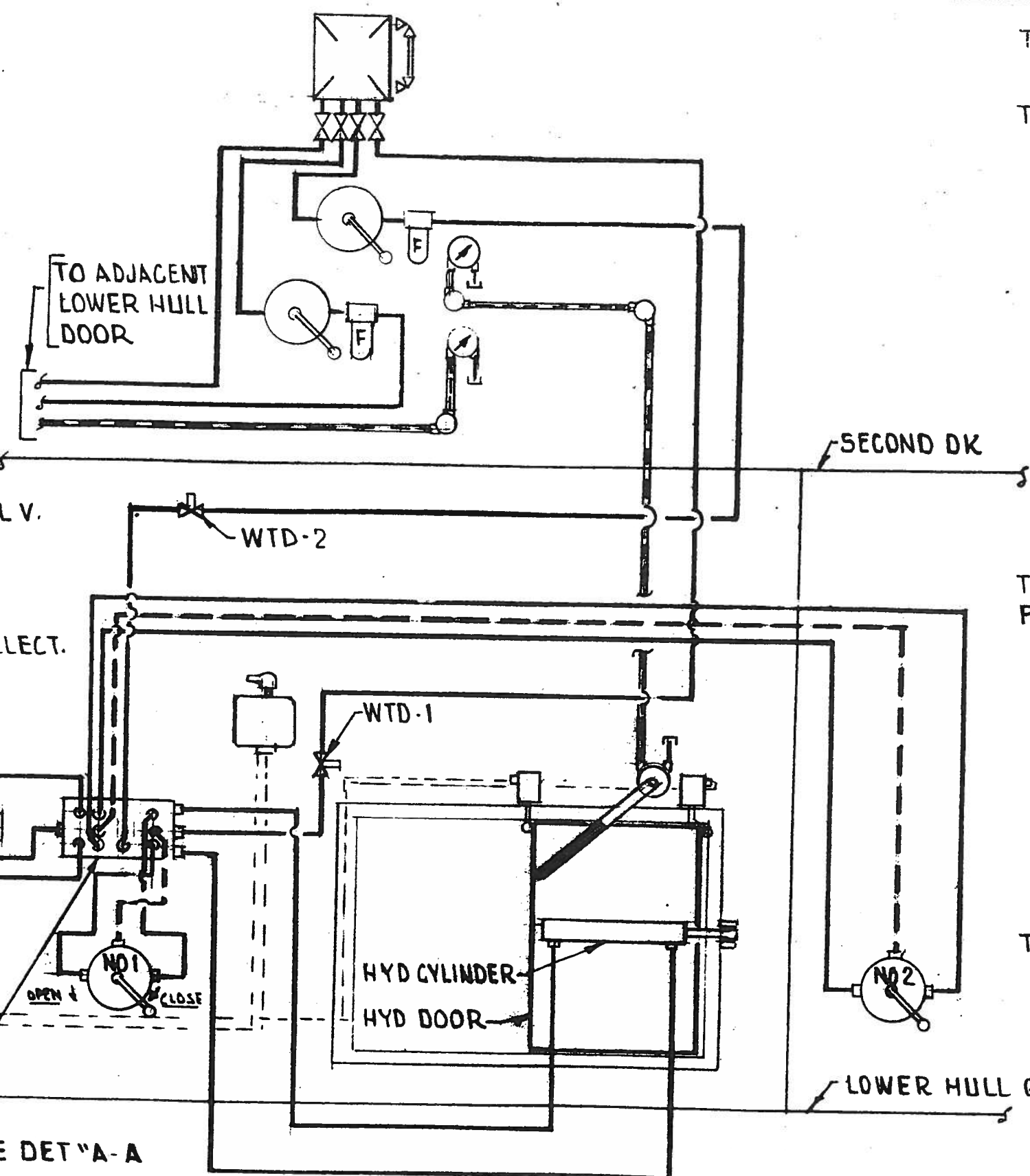
6-8-1-Q
1/2



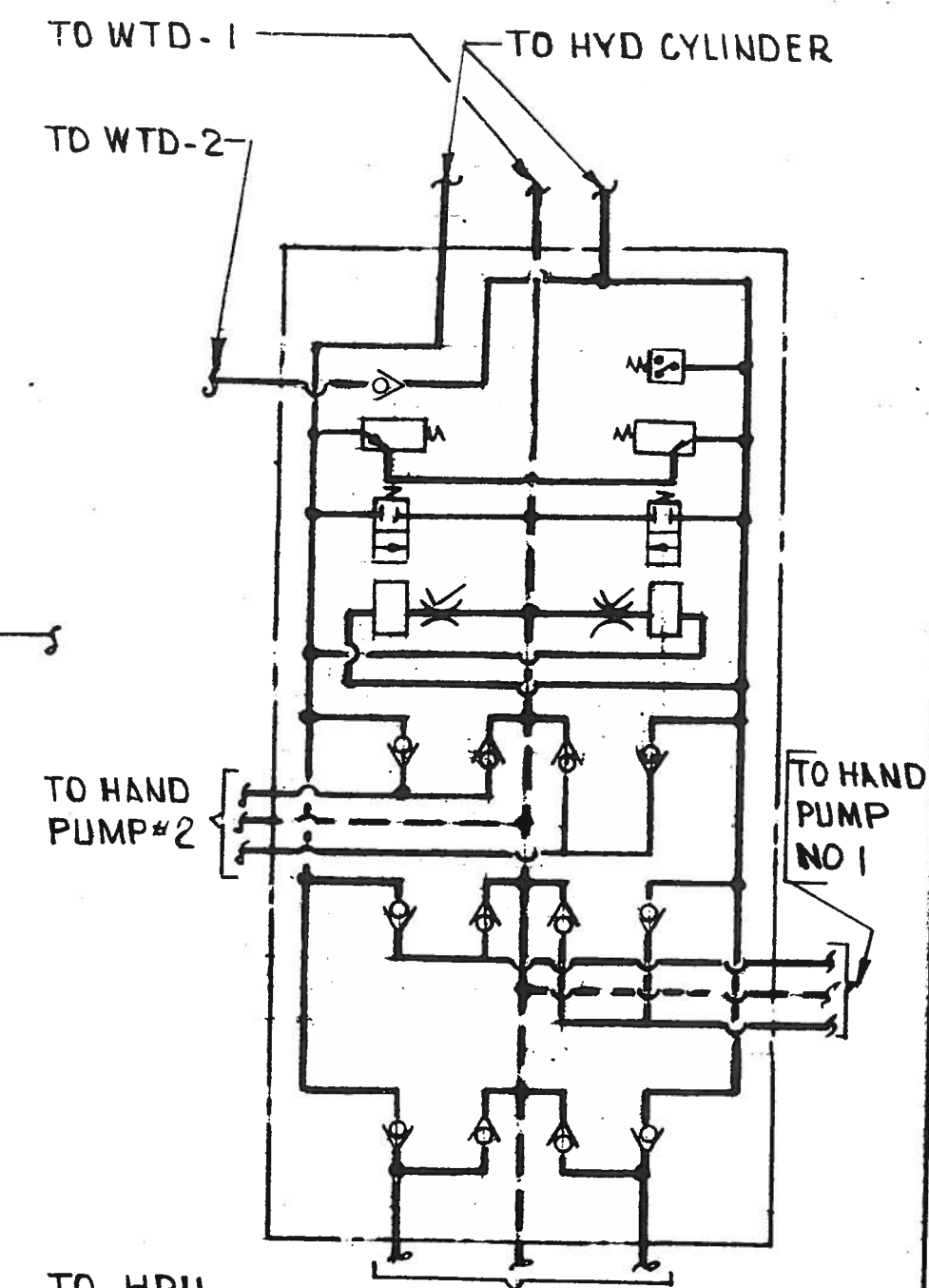
CANARD LUBE OIL SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 1	PAGE 110

LEGEND

-  HYD PWR UNIT EXP TK.
-  HAND PUMP
-  FILTER
-  DOOR POSITION IND
-  LIMIT SWITCH
-  HPU DOOR SWITCH
-  CORNER PULLEY
-  LOCKSHIELD VALVE
-  DIRECTIONAL CONTROL V.
-  2 PORT 2 POSITION FLOW CONTROL V.
-  RELIEF VALVE
-  PRESSURE SWITCH, ELECT.
-  CHECK VALVE
-  DOOR POSITION IND.
-  BALL V
-  PWR CABLES



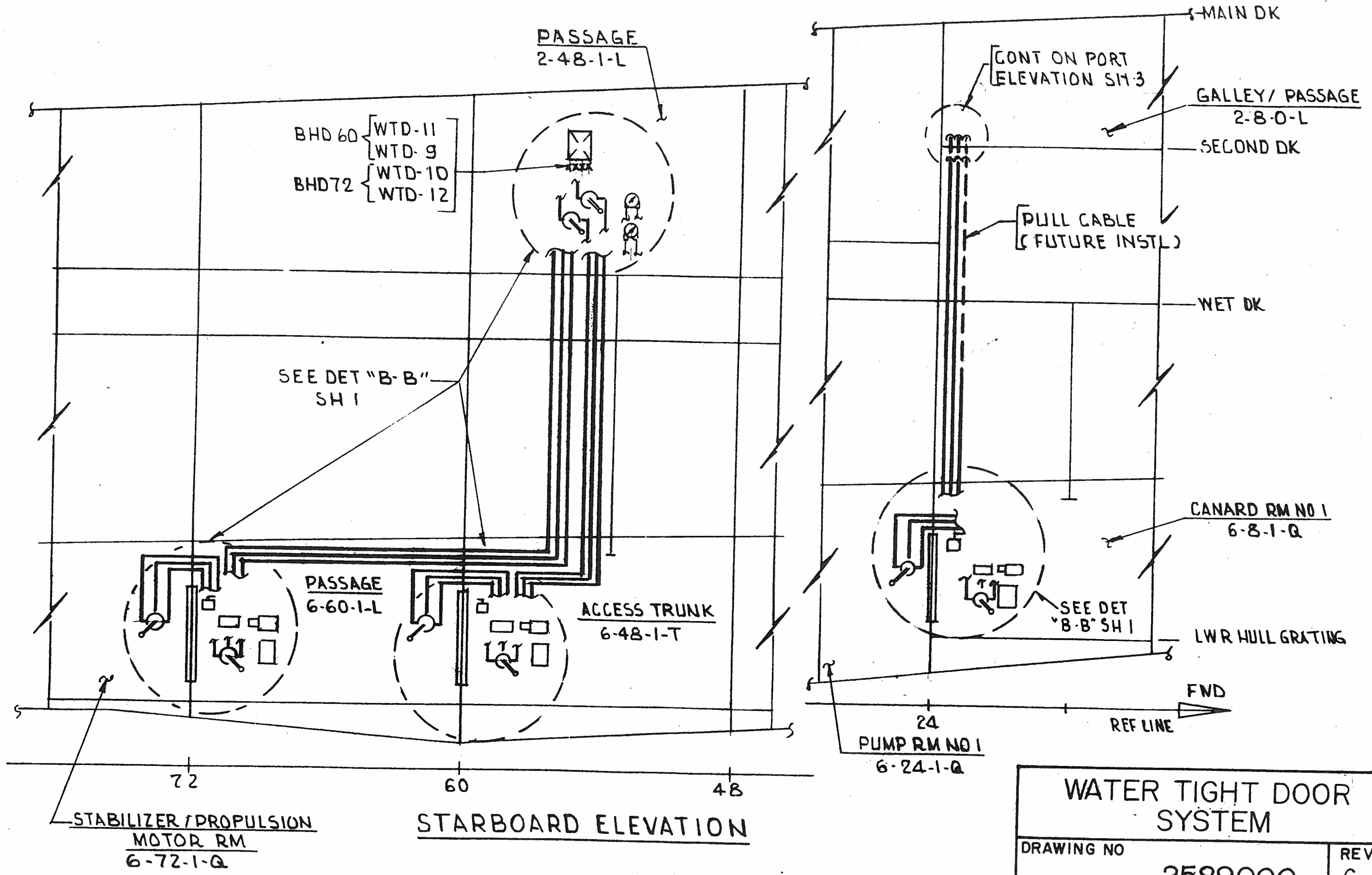
DETAIL "B-B"
TYPICAL HYD DOOR PIPING SCHEMATIC



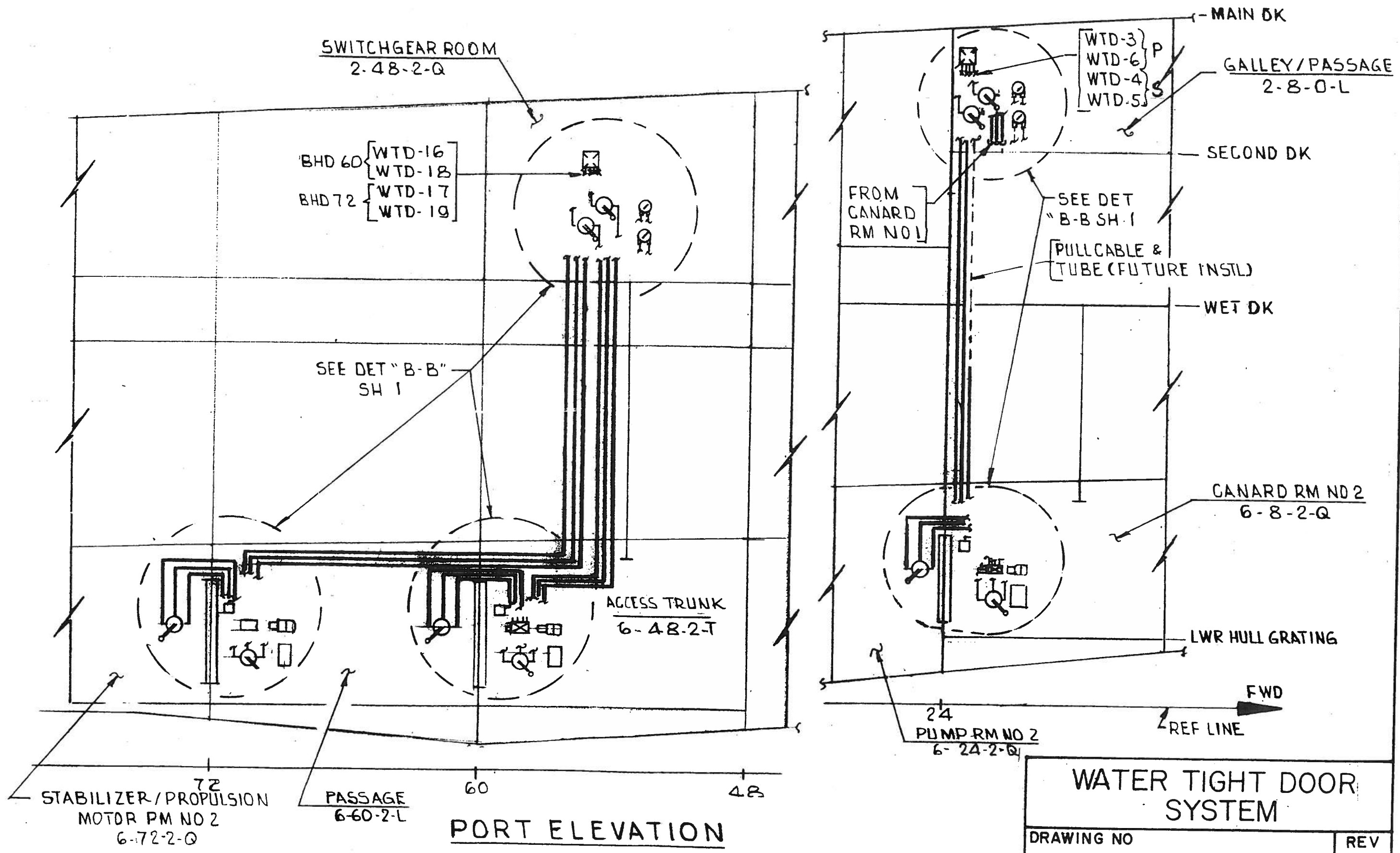
DETAIL "A-A"
HPU VALVE MANIFOLD SCHEMATIC

WATER TIGHT DOOR SYSTEM

DRAWING NO		REV
2589000		C
SCALE: NONE	SH 1 OF 3	PAGE III



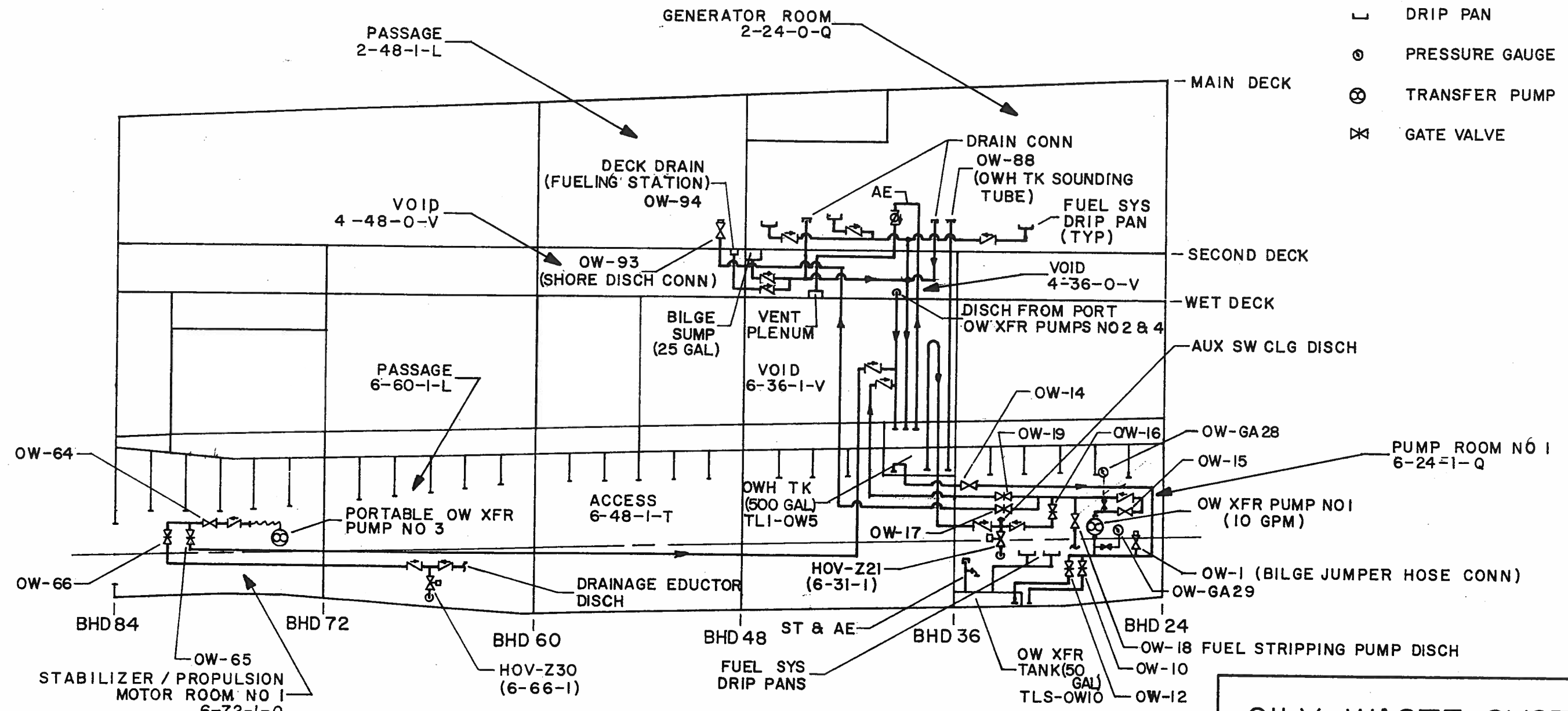
WATER TIGHT DOOR SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 2 OF 3	PAGE 112



WATER TIGHT DOOR SYSTEM		
DRAWING NO		REV
2589000		C
SCALE: NONE	SH 3 OF 3	PAGE 113

LEGEND

- ∇ CHECK VALVE
- ⊗ GLOBE VALVE
- ⊗ HYDRAULICALLY OPERATED VALVE
- ⊗ BALL CHECK VALVE
- ┌ DRIP PAN
- ⊙ PRESSURE GAUGE
- ⊗ TRANSFER PUMP
- ⊗ GATE VALVE

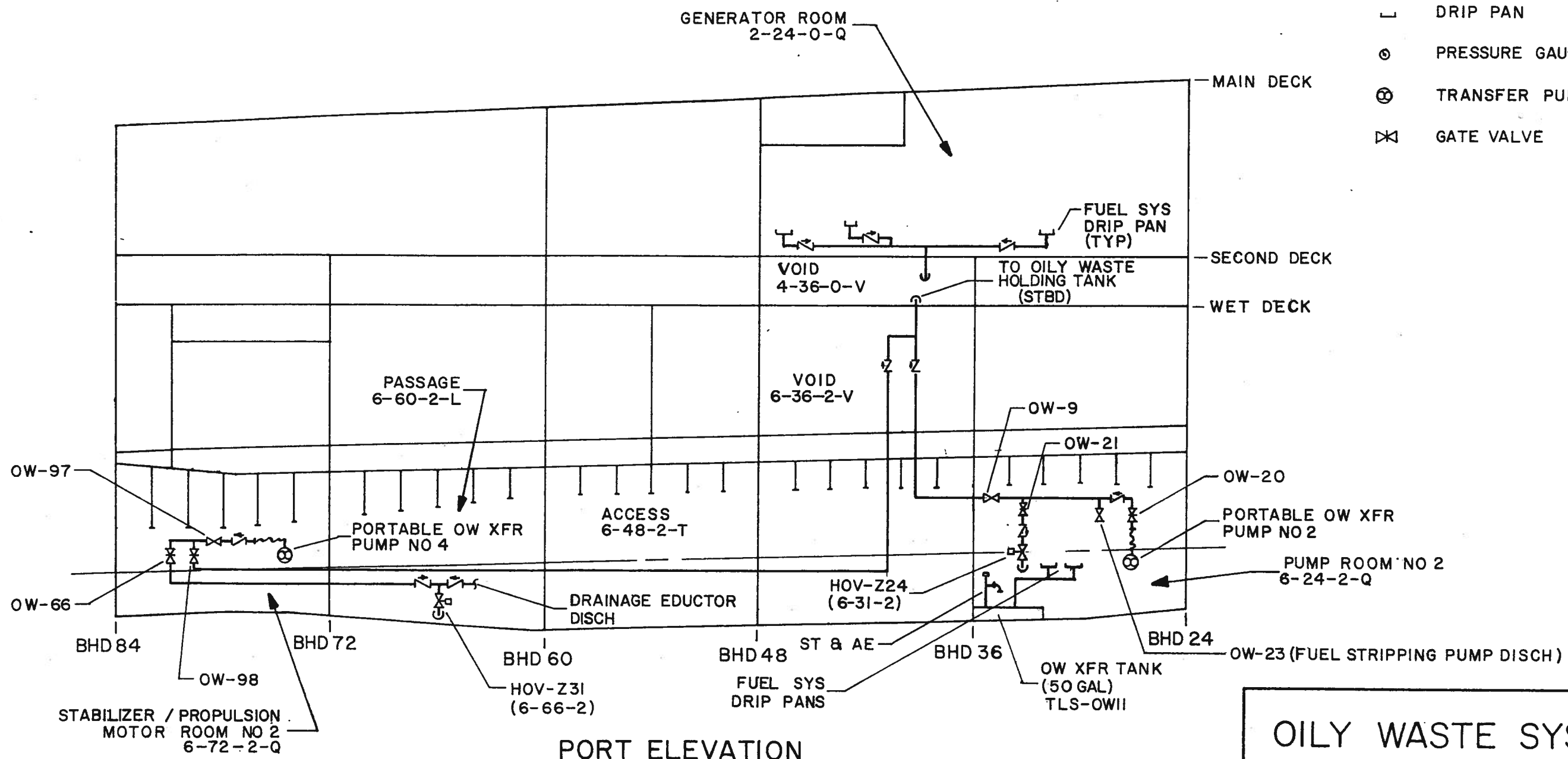


STARBOARD ELEVATION

OILY WASTE SYSTEM		
DRAWING NO	2589000	
SCALE: NONE	SH 1 OF 3	PAGE 114
	REV C	

LEGEND

- ⤴ CHECK VALVE
- ⊗ GLOBE VALVE
- ⊗ HYDRAULICALLY OPERATED VALVE
- ⊗ BALL CHECK VALVE
- ┌ DRIP PAN
- ⊙ PRESSURE GAUGE
- ⊕ TRANSFER PUMP
- ⊗ GATE VALVE

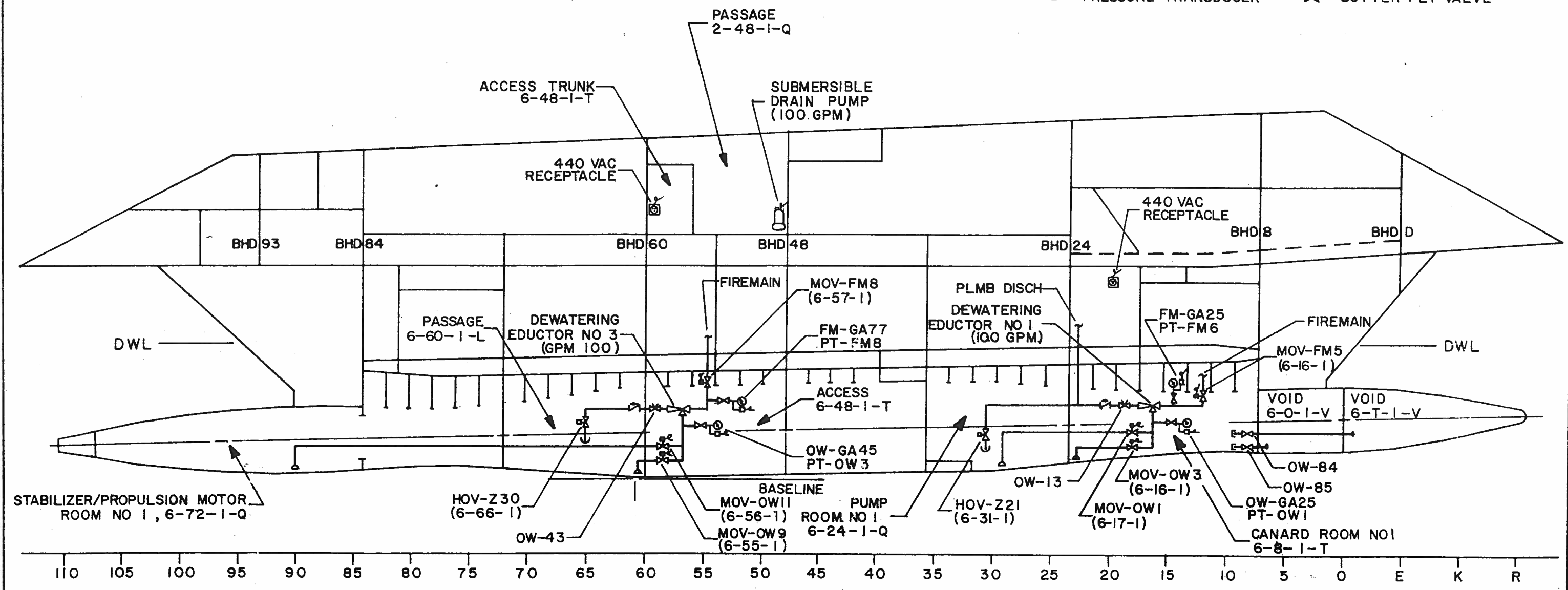


PORT ELEVATION

OILY WASTE SYSTEM		
DRAWING NO	REV	
2589000	C	
SCALE: NONE	SH 2 OF 3	PAGE 115

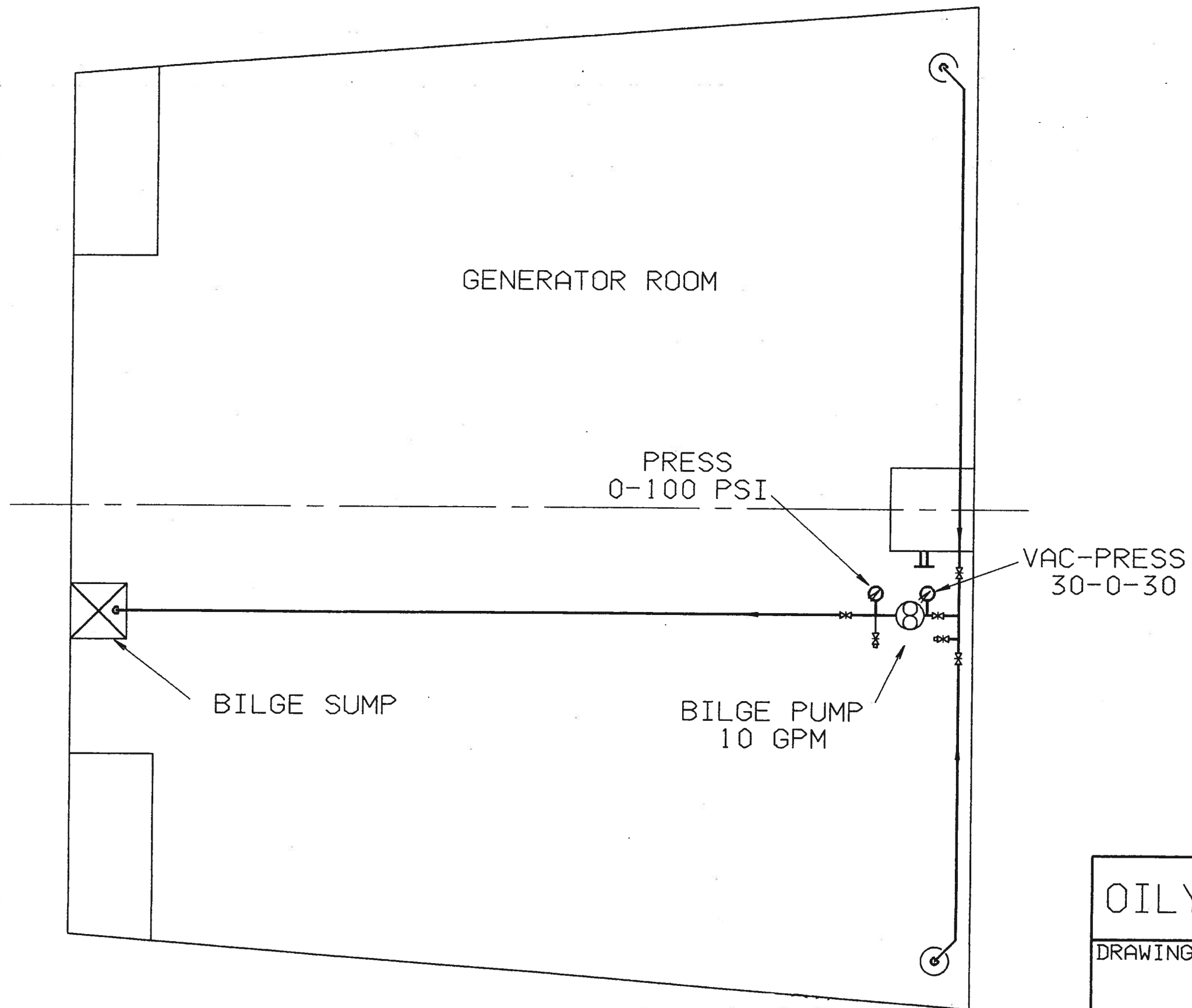
LEGEND

- ↗ CHECK VALVE
- ⊗ GLOBE VALVE
- ⊘ EDUCATOR
- ⊙ PRESSURE GAUGE
- ⊞ PRESSURE TRANSDUCER
- ⊞ HYDRAULICALLY OPERATED VALVE
- ⊞ MOTOR OPERATED VALVE
- ⊞ BUTTER FLY VALVE



STARBOARD ELEVATION

EMERGENCY DEWATERING SYSTEM		
DRAWING NO	REV	
2589000	C	
SCALE: 3/32"=1'-0"	SH 1 of 2	PAGE 116



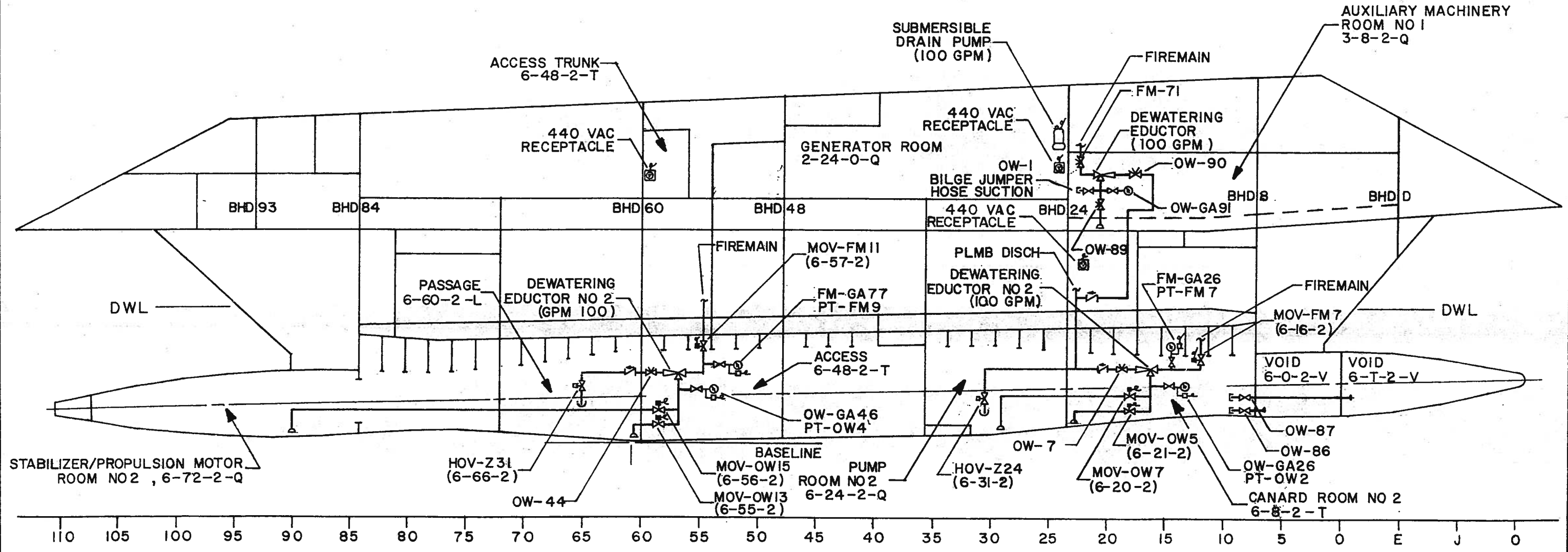
OILY WASTE SYSTEM

DRAWING NO		REV
2589000		C
SCALE NONE	SH 3 OF 3	PAGE 115A

FOR OFFICIAL USE ONLY

LEGEND

- CHECK VALVE
- ⊘ GLOBE VALVE
- ⊘ EDUCTOR
- ⊘ HYDRAULICALLY OPERATED VALVE
- ⊘ PRESSURE GAUGE
- ⊘ MOTOR OPERATED VALVE
- ⊘ PRESSURE TRANSDUCER
- ⊘ BUTTER FLY VALVE

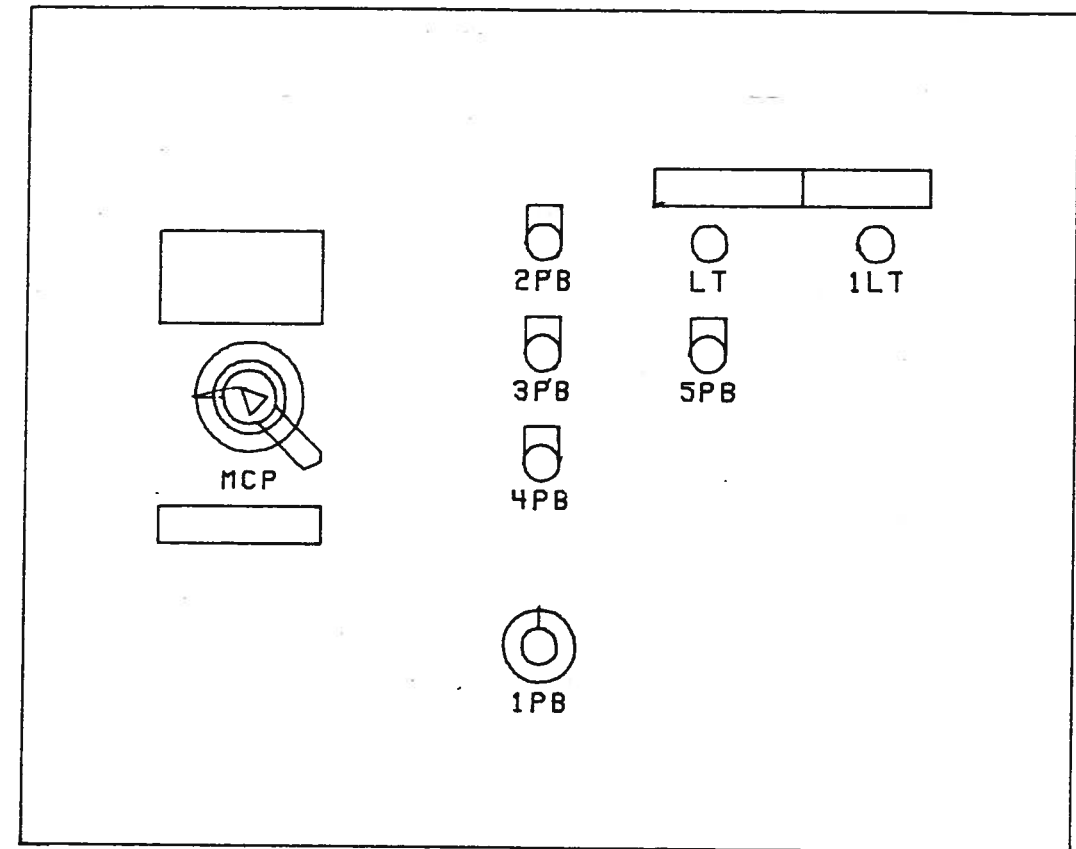


PORT ELEVATION

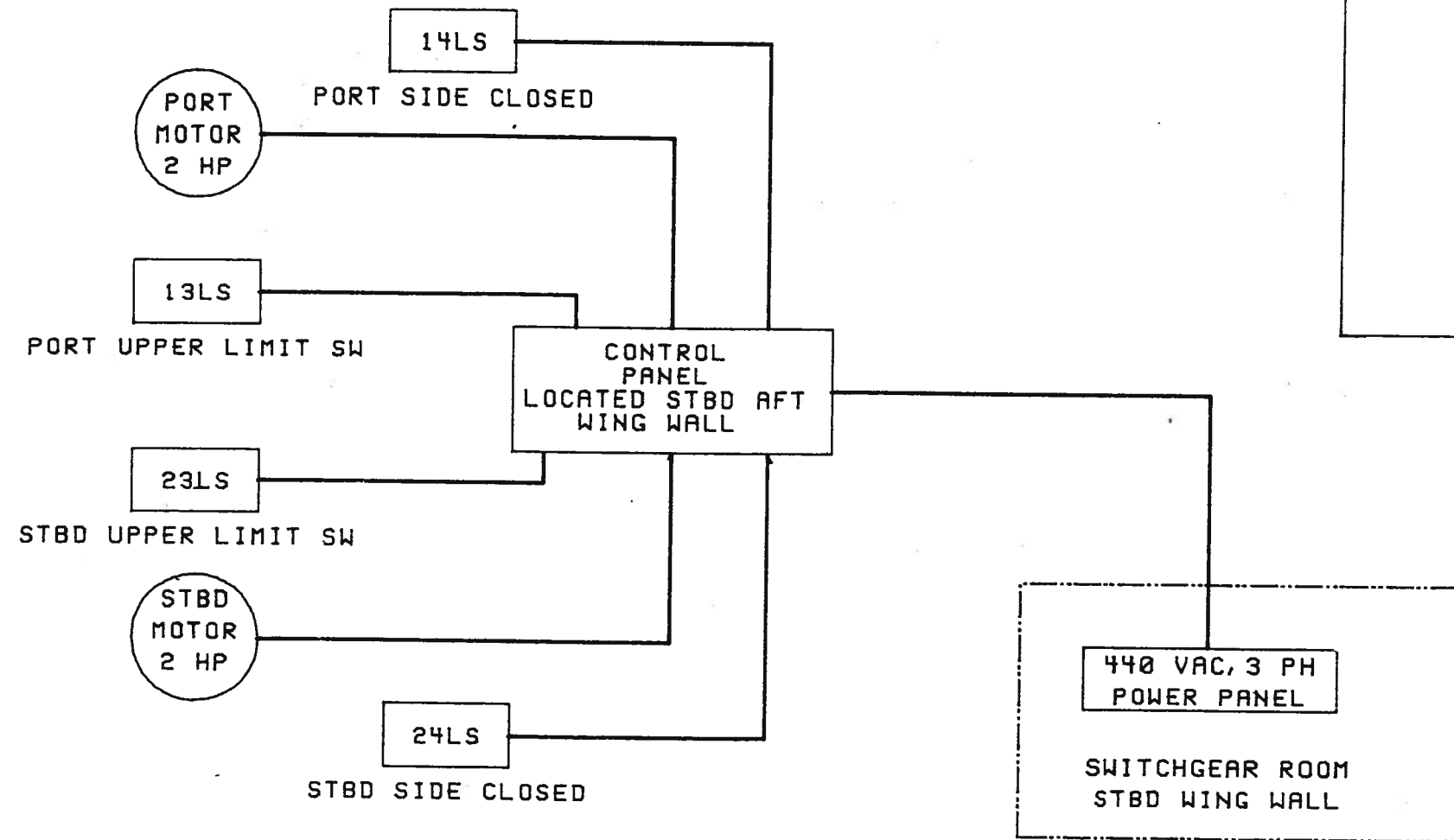
EMERGENCY DEWATERING SYSTEM	
DRAWING NO	REV
2589000	C
SCALE: 3/32" = 1'-0"	SH 2 OF 2 PAGE 117

LEGEND

- MCB MAIN CIRCUIT BREAKER
- LT INDICATING LAMP
- 1LT INDICATING LAM
- 1PB EMER STOP PUSHBUTTON
- 2PB UP PUSHBUTTON
- 3PB STOP PUSHBUTTON
- 4PB DOWN PUSHBUTTON
- 5PB RESET PUSHBUTTON

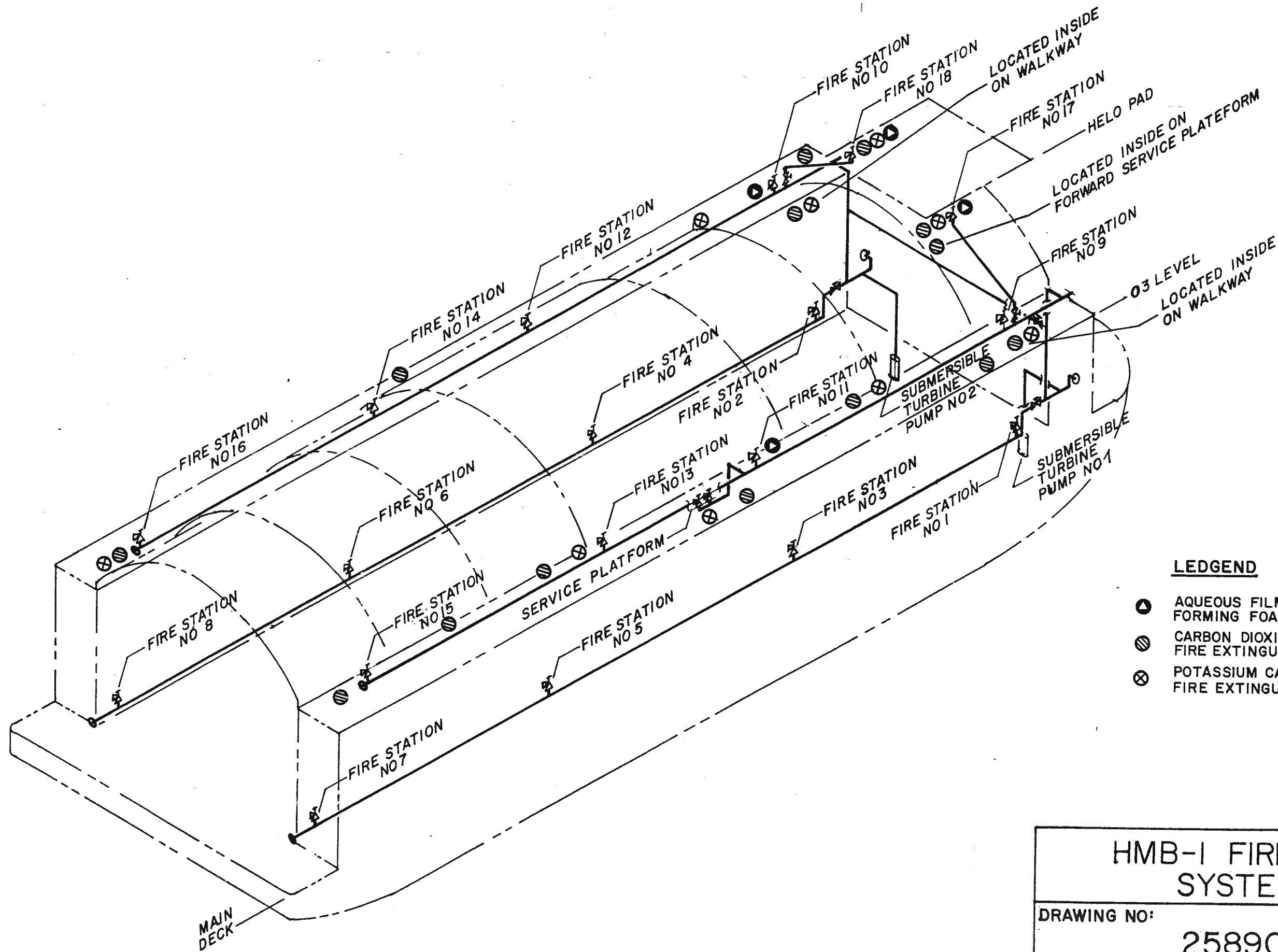


CONTROL PANEL
FRONT PANEL LAYOUT



ELECTRICAL BLOCK DIAGRAM

HMB RETRACTABLE DOOR ELECTRICAL CONTROL		
DRAWING NO	2589000	REV C
SCALE: NONE	SH 1 of 1	PAGE 118



LEDGEND

- ▲ AQUEOUS FILM FORMING FOAM (AFFF)
- ◌ CARBON DIOXIDE FIRE EXTINGUISHER (CO₂)
- ⊗ POTASSIUM CARBONATE (PKP) FIRE EXTINGUISHER

HMB-1 FIREMAIN SYSTEM		
DRAWING NO:		REV
2589000		C
SCALE: NONE	SH 1 of 1	PAGE 119

ABL	ABOVE BASE LINE	C/O	CUTOUT	GAL	GALLON	MOV	ELECTRIC MOTOR OPERATED VALVE
AFFF	AQUEOUS FILM FORMING FOAM	DECP	DIESEL EXHAUST COOLING PORT	H	HYDRAULIC	MTR	MOTOR
AMP/OSC	AMPLIFIER/OSCILLATOR	DECS	DIESEL EXHAUST COOLING STARBOARD	HDG	HEADING	MUX	MULTIPLEXER
AMR	AUXILIARY MACHINERY ROOM	DET	DETAIL	HE	HEAT EXCHANGER	M/G	MOTOR/GENERATOR
ASW	AUXILIARY SEA WATER	DGDU	DIESEL GENERATOR DATA UNIT	HF	HIGH FREQUENCY	NAV	NAVIGATION
AT	AIRTIGHT	DIFF-PRESS	DIFFERENTIAL PRESSURE	HH	HAND HOLE	N ₂	NITROGEN
AUTO	AUTOMATIC	DISCH	DISCHARGE	HI/LO	HIGH LOW	OW	OILY WASTE
AUX	AUXILIARY	DIST	DISTRIBUTION	HOV	HYDRAULIC OPERATED VALVE	OWH	OILY WASTE HOLDING
BHD	BULKHEAD	DK	DECK	HPU	HIGH PRESSURE UNIT	O/C	OPEN/CLOSED
BLST	BALLAST	DN	DOWN	HW	HOT WATER	PD	PLUMBING DRAIN
BLST/BBLST	BALLAST/DEBALLAST	DPS	DIFFERENTIAL PRESSURE SWITCH	HYD	HYDRAULIC	PHR	PREHEATER
BOS'N	BOSUN	DR	DRAIN	ICS	INTERCOMMUNICATION SYSTEM	PKP	POTASSIUM CARBONATE
CAM	TELEVISION CAMERA	DSL	DIESEL	INCR	INCREASE	PLMB	PLUMBING
CB	CIRCUIT BREAKER	D/G	DIESEL GENERATOR	INLT	INLET	PMP	PUMP
CCW	COUNTER CLOCKWISE	EDUC	EDUCTOR	ISLN	INSOLATION	PNL	PANEL
CF	COUNTERFLOODING	ELECT	ELECTRIC	ISO	ISOLATION	PRESS	PRESSURE
CG	CLEANING GEAR	ELEX	ELECTRONICS	I/O	INPUT/OUTPUT	PSIG	POUNDS PER SQUARE INCH GUAGE
CGA	COLOR GRAPHICS ADAPTOR	EQPT	EQUIPMENT	JB	JACK BOX	PT	PRESSURE TRANSDUCER
CHT	COLLECTING, HOLDING, & TRANSFER	EXH	EXHAUST	JBA	JUNCTION BOX	PT-HY	PRESSURE TRANSDUCER -HYDRAULIC
CIRC	CIRCULATING	FH	FIRE HOSE	JBF	JUNCTION BOX	PW	POTABLE WATER
CLG	COOLING	FM	FIRE MAIN	JBOX	JUNCTION BOX	PWR	POWER
CLOS	CANARD LUBE OIL SYSTEM	FOF	FUEL FILL	JK	JACK	P/O	PART OF
CMD	COMMAND	FOT	FUEL TRANSFER	KY	SECURE COMMUNICATIONS GEAR	RDCR	REDUCING
CNTR	CENTER	FS	FUEL SERVICE	LKR	LOCKER	RHR	REHEATER
COMM	COMMUNICATION	FT	FUEL TRANSFER	LS	LEVEL SWITCH	RM	ROOM
COND	CONDENSER	FT ₁	FIXED TEMPERATURE SWITCH	LTG	LIGHTING	RTD	RESISTANCE TEMPERATURE DETECTOR
CONN	CONNECTION	FXTU	FIXED TERMINAL UNIT	LVL	LEVEL		
CONT	CONTROL	FZ	FIRE ZONE	MCC-1	MOTOR CONTROL CENTER NO. 1		
CONTLR	CONTROLLER	F/A	FIRE ALARM	MFTS	MANUAL FIRE TEST STATION		
CO ₂	CARBON DIOXIDE			MH	MANHOLE		
CW	CHILLED WATER			MON	VIDEO MONITOR		

GLOSSARY OF TERMS

DRAWING NO

2589000

REV

C

SCALE: NONE

SH 1 of 2

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RTN	RETURN	UH	UNIT HEATER
RTU	REMOTE TERMINAL UNIT	UHF	ULTRA HIGH FREQUENCY
SAT	SATELLITE	V	VALVE
SCR	SILICON CONTROLLED RECTIFIER	VAC	VOLTS ALTERNATING CURRENT
SH	SHEET	VCR	VIDEO CASSETTE RECORDER
SHP	SHAFT HORSEPOWER	WC	WATER CLOSET
SHR	SHOWER	WDN	WETDOWN
SIG	SIGNAL	WL	WATER LINE
SLOS	STABILIZER LUBE OIL SYSTEM	WR	WASH ROOM
SNDG	SOUNDING	WT	WATER TIGHT
SOV	SOLENOID OPERATED VALVE	WTD	WATER TIGHT DOOR
SPLY	SUPPLY	XDCR	TRANSDUCER
STA	STATION	XFMR	TRANSFORMER
STLOS	STERN TUBE LUBE OIL SYSTEM	X-CONN	CROSS CONNECTION
STRIP	STRIPPING		
STRM	STORE ROOM		
SUCT	SUCTION		
SVCE	SERVICE		
SW	SEAWATER		
SWITCH	VIDEO SWITCH		
SYS	SYSTEM		
S/C	SIGNAL CONDITIONER		
S/W	SEA/WATER		
TACH	TACHOMETER		
TK	TANK		
TLI	TANK LEVEL INDICATOR		
TLS	TANK LEVEL SWITCH		
TRK	TRUNK		
TR/BLS	TRIM/BALLAST		
T ₁	SMOKE DETECTOR		

GLOSSARY OF TERMS

DRAWING NO

2589000

REV

C

SCALE: NONE

SH 2 OF 2

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