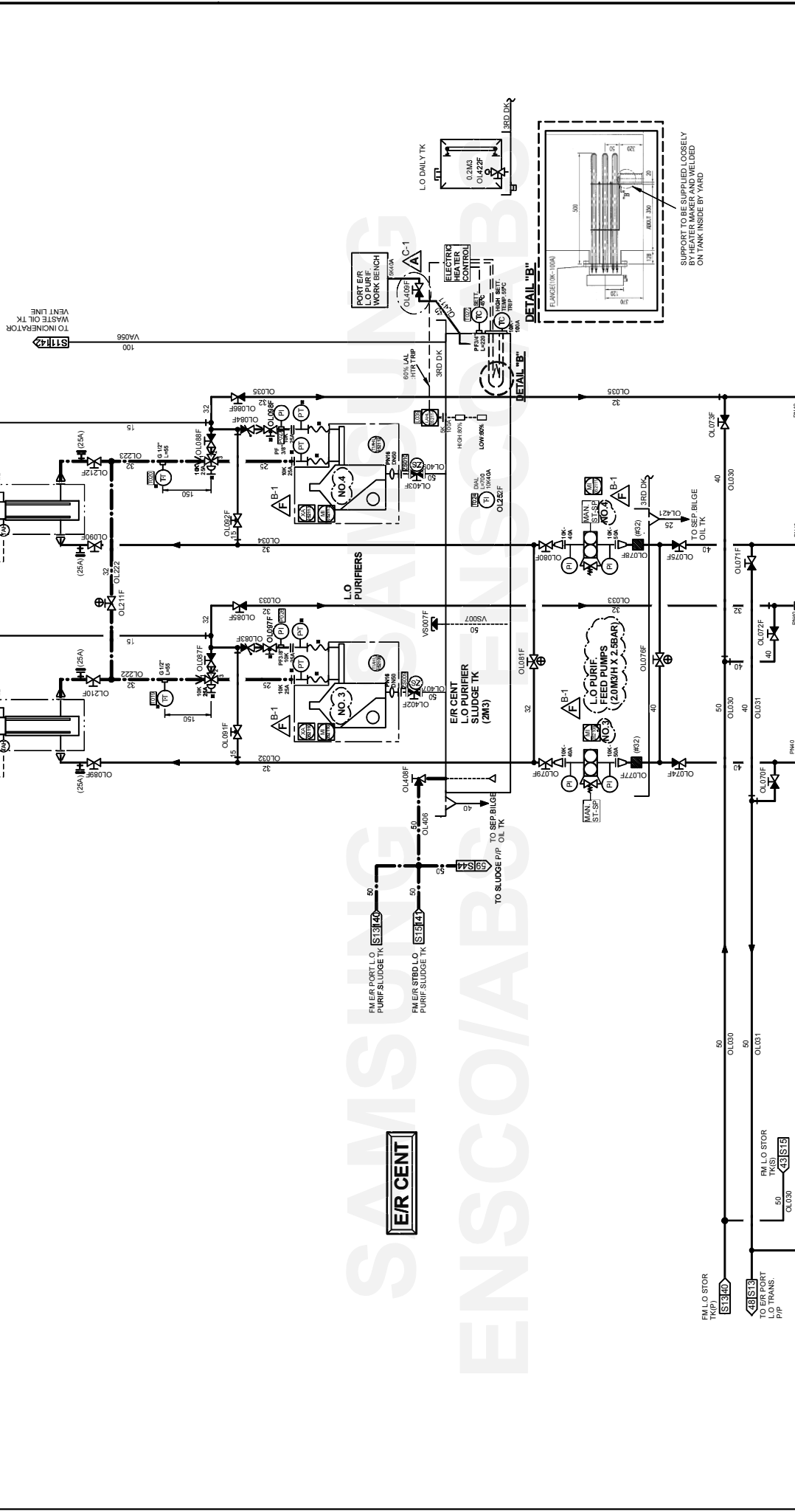


REMARKS
 1. WITH THERMAL INSULATION
 2. LOCKED IN CLOSED POSITION

TITLE: ENSCO DS-9
 LUB OIL SYSTEM
 (TRANSFER, PURIFYING
 FOR EIR (PORT))

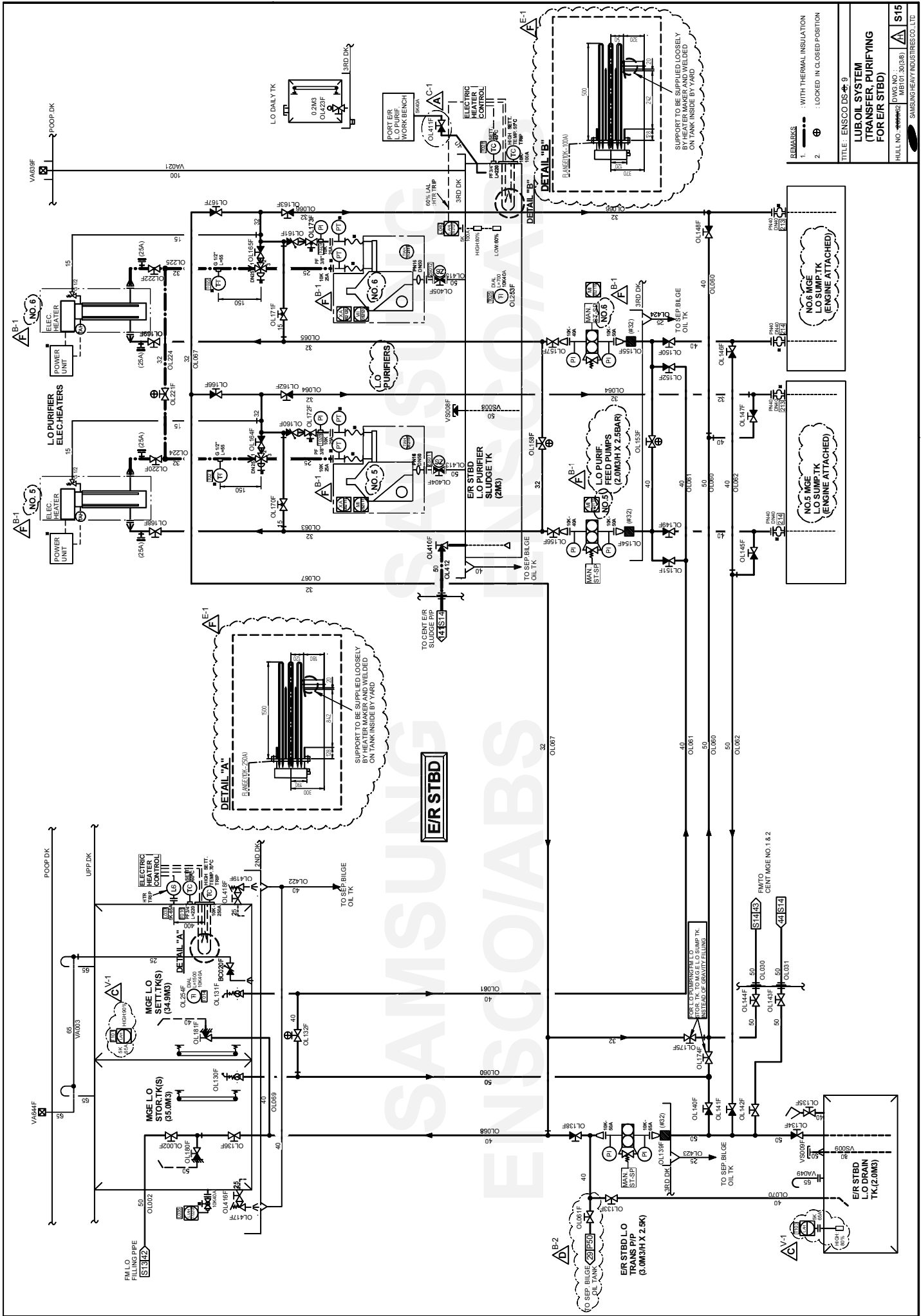
HULL NO. MB101.25(18)
 SAMSUNG HEAVY INDUSTRIES CO., LTD.
 DWG. SIZE: A3(297X420)



REMARKS

- WITH THERMAL INSULATION
- LOCKED IN CLOSED POSITION

TITLE: ENSCO DS-9
LUB OIL SYSTEM (TRANSFER, PURIFYING FOR E/R CENT)
 HULL NO. 400002 | DWG. NO. 30228 | S14
 SAMSUNG HEAVY INDUSTRIES CO. LTD.

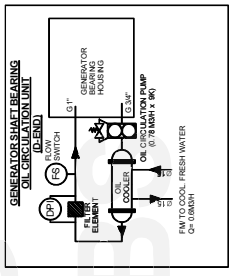
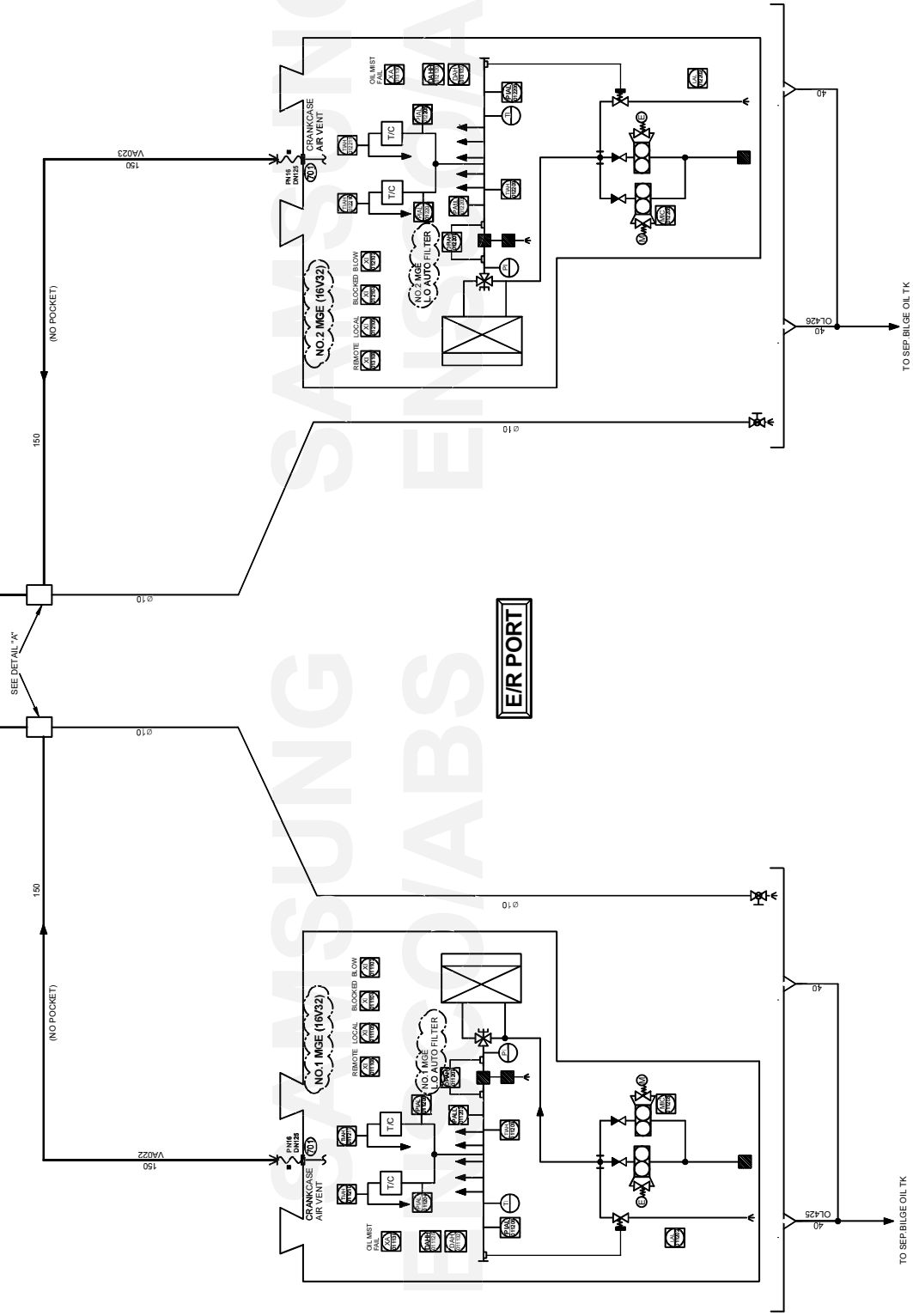
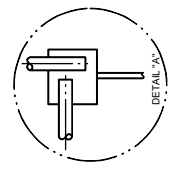
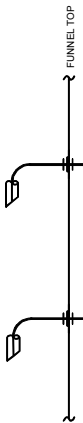


- REMARKS
1. WITH THERMAL INSULATION
 2. LOCKED IN CLOSED POSITION

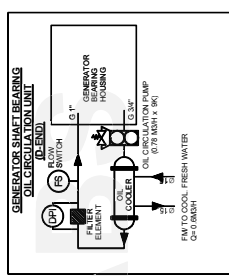
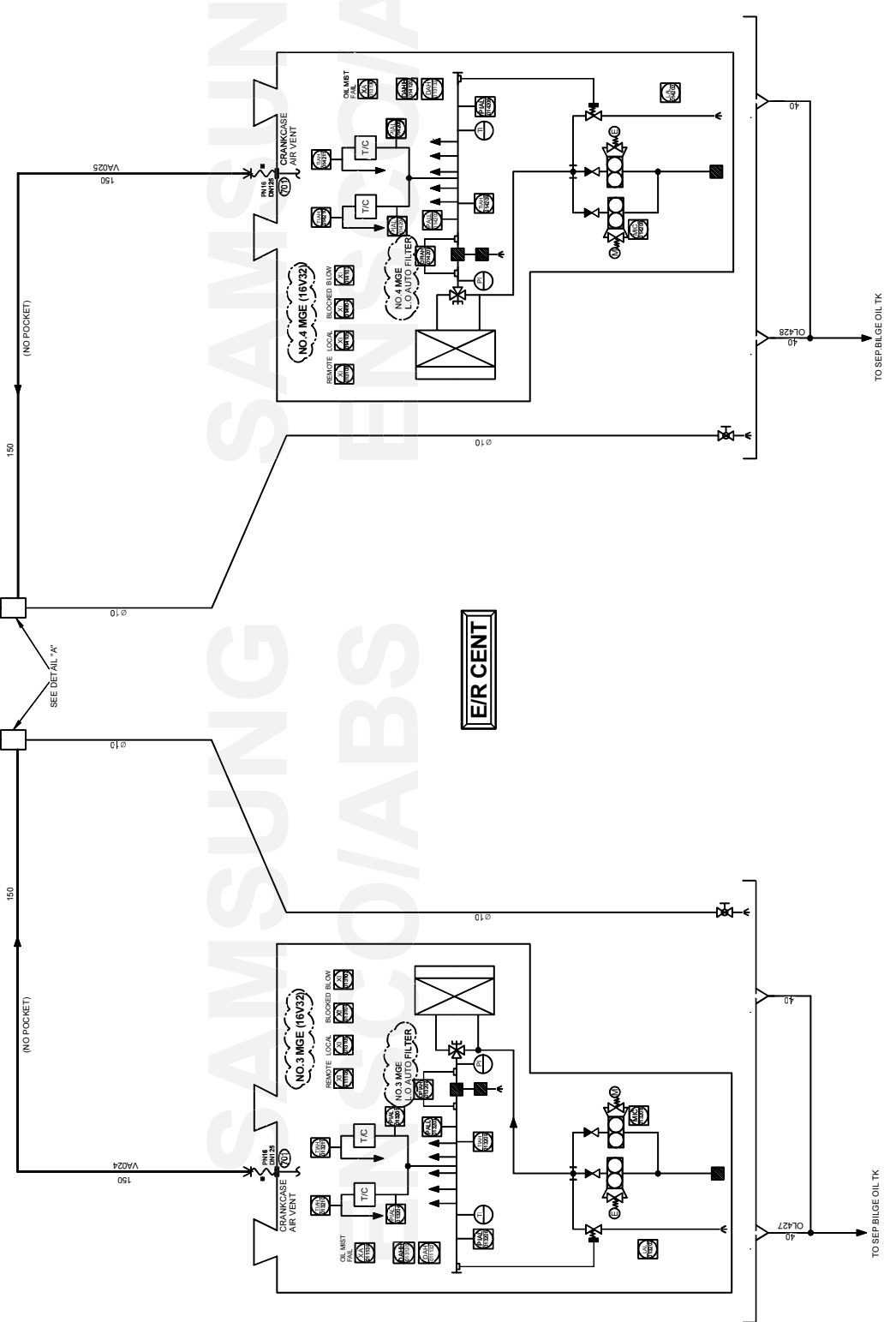
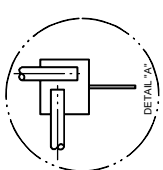
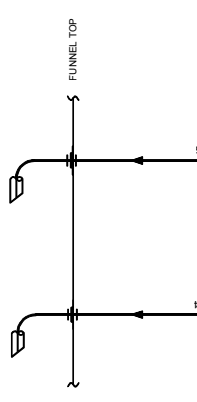
TITLE: ENSCO DS-9
 LUB OIL SYSTEM
 (TRANSFER, PURIFYING
 FOR E/R STBD)

HULL NO. 2000022
 DWG NO. 30038
 SAMSUNG HEAVY INDUSTRIES CO. LTD.

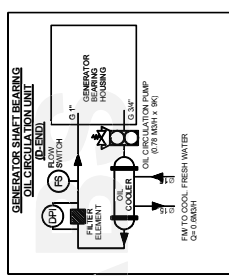
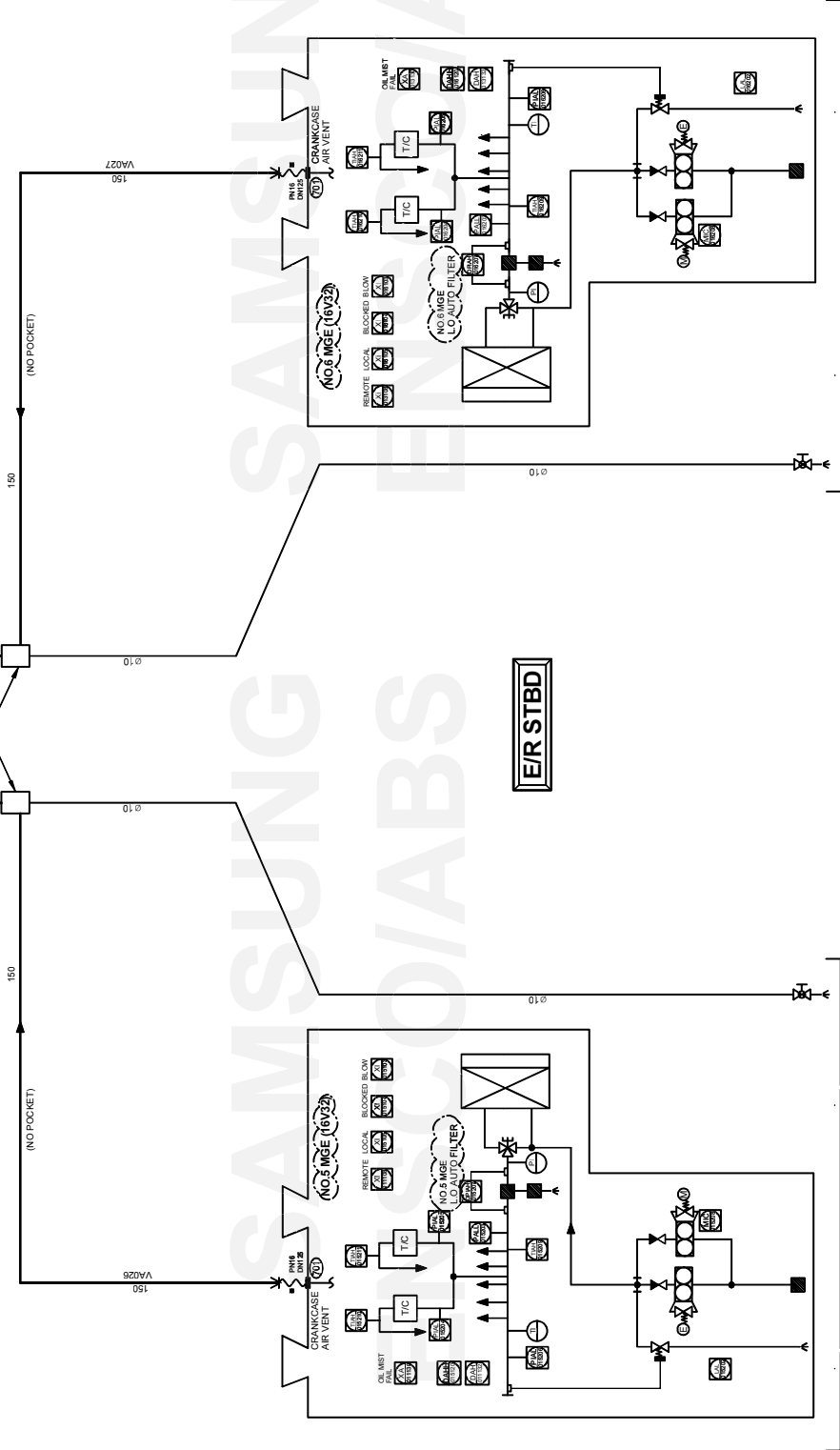
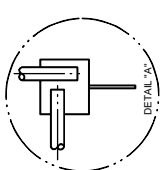
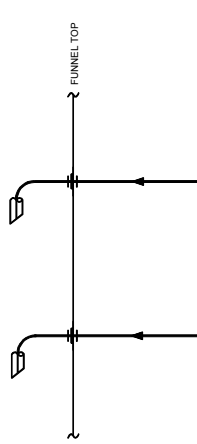
AW S15



TITLE: ENSCO DS-9	
LUB-OIL SYSTEM (E/R PORT MGE SERVICE)	
HULL NO. 400002	DESIGN NO. 3004(8)
REV. NO. 000002	WEB. NO. 3004(8)
SAMSUNG HEAVY INDUSTRIES CO., LTD.	
DWG. SIZE: A3(297X420)	

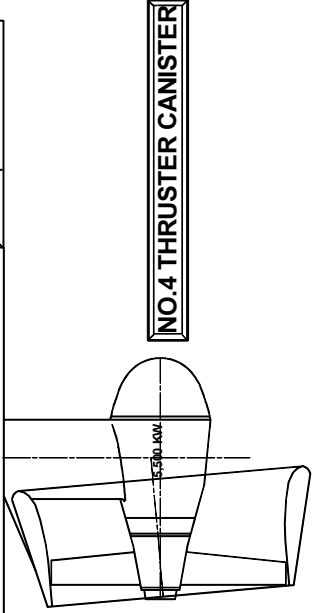
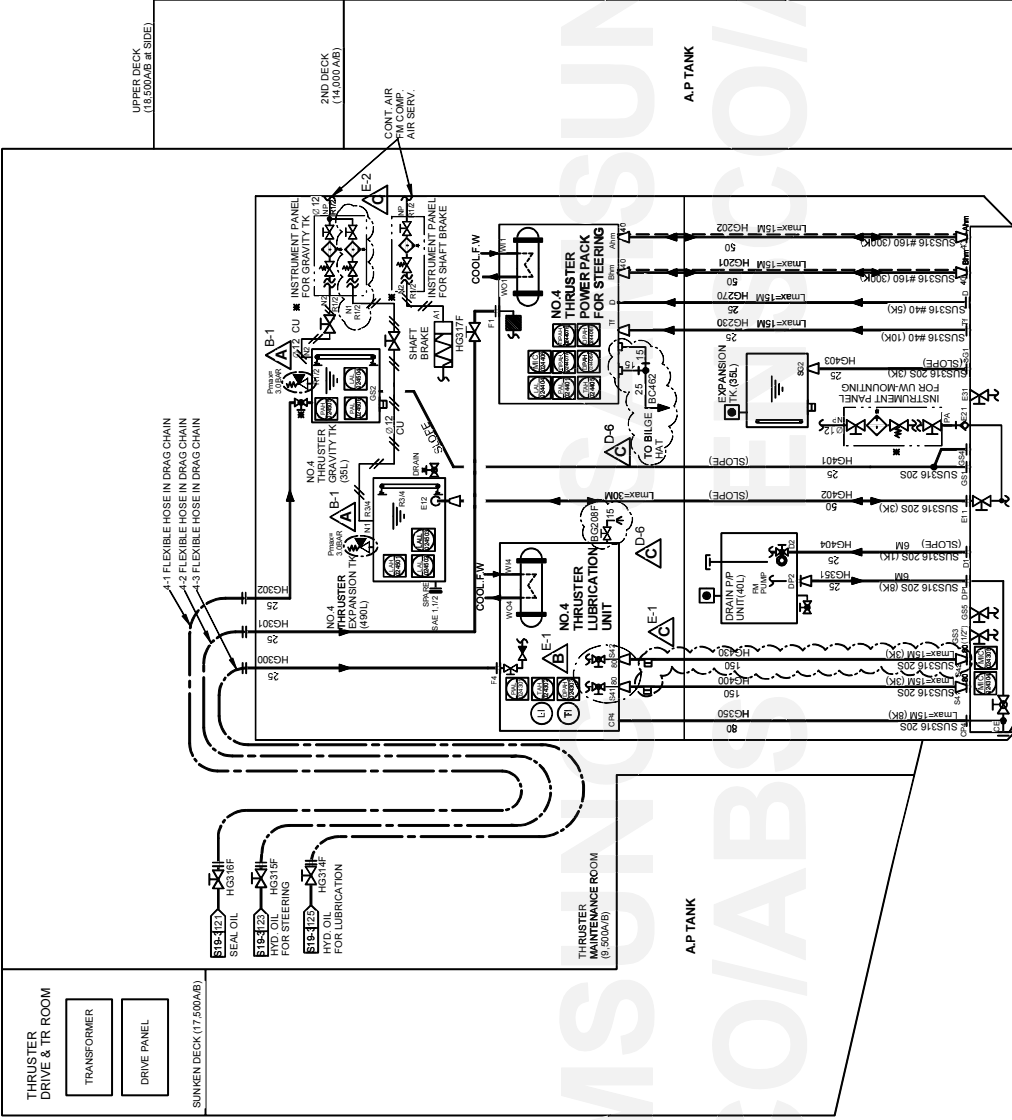


TITLE: ENSCO DS# 9	
LUB OIL SYSTEM (E/R CENT MGE SERVICE)	
REV. NO.	DATE
1	01/30/68
HULL NO.	NO. 100
SAMSUNG HEAVY INDUSTRIES CO., LTD.	
DWG. SIZE: A3(297X420)	



TITLE: ENSCO DS-9	
LUB-OIL SYSTEM (E/R STBD MGE SERVICE)	
HULL NO. 44442	DESIGN NO. 30688
SAMSUNG HEAVY INDUSTRIES CO., LTD.	
DWG. SIZE: A3(297X420)	

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NO. 4 THRUSTER CANISTER

NO.	DESCRIPTION	SIZE	PAGE
4-1	HYD. OIL FOR SEALING	8K 25A	S19-1
4-2	HYD. OIL FOR STEERING	8K 25A	S19-1
4-3	HYD. OIL FOR LUBRICATION	8K 25A	S19-1
4-4	C.F.W SUPPLY	10K 100A	S25
4-5	C.F.W RETURN	10K 100A	S25
4-6	COMP. AIR SERVICE	10K 40A	S34
4-7	BUDGE	8K 50A	S34
4-8	CONT. AIR FOR FIRE DAMPER	10K 25A	S34

D-1



CONFIDENTIAL: Unauthorized use or disclosure of this material results in civil or criminal liabilities.

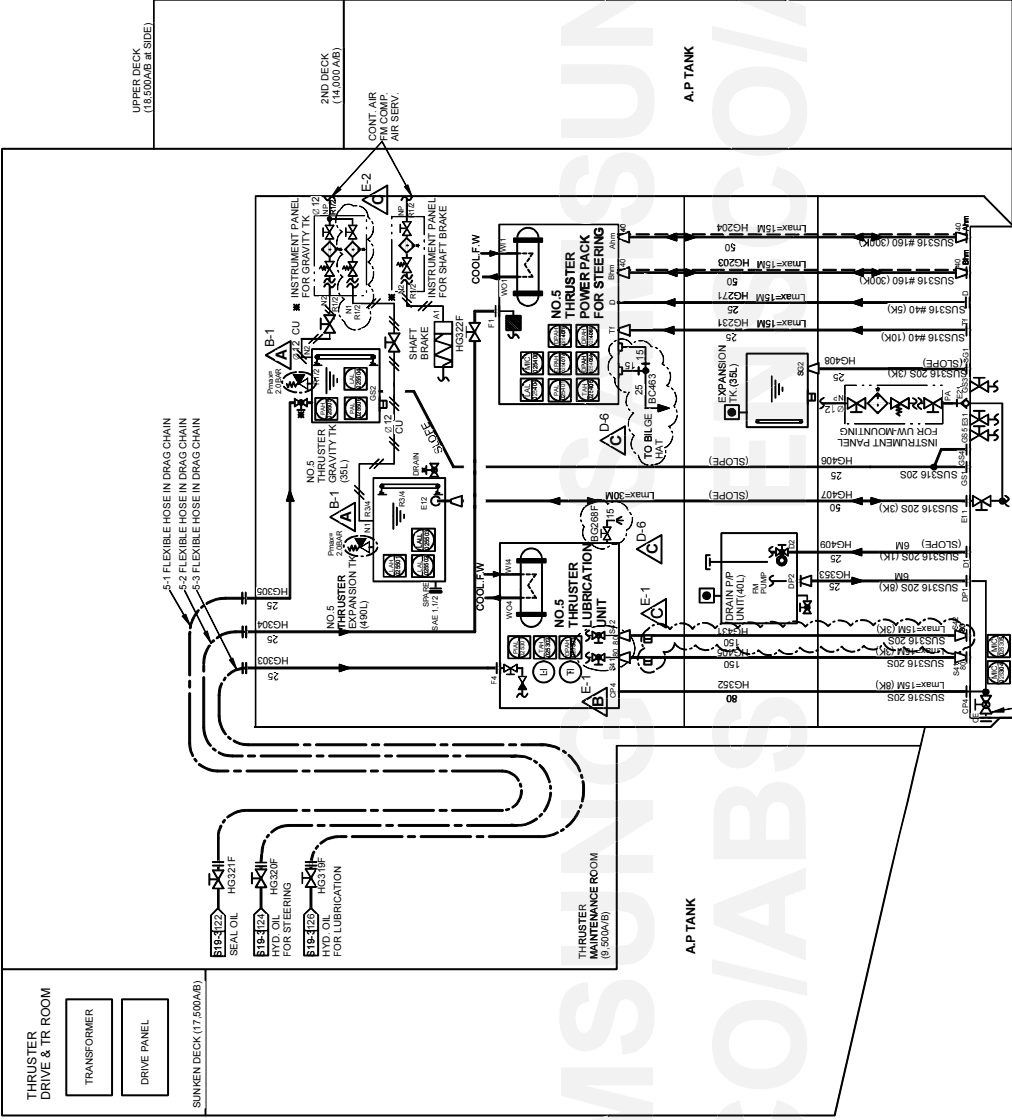
TITLE: ENSCO DS-4-9

LUB. OIL SYSTEM
(NO. 4 THRUSTER SERVICE)

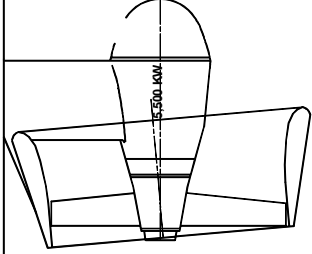
HULL NO. 44402 | DWG NO. 44402 | REV. 01.30.78B-1 | S19-1

SAMSUNG HEAVY INDUSTRIES CO., LTD.

DWG. SIZE: A3(297X420)



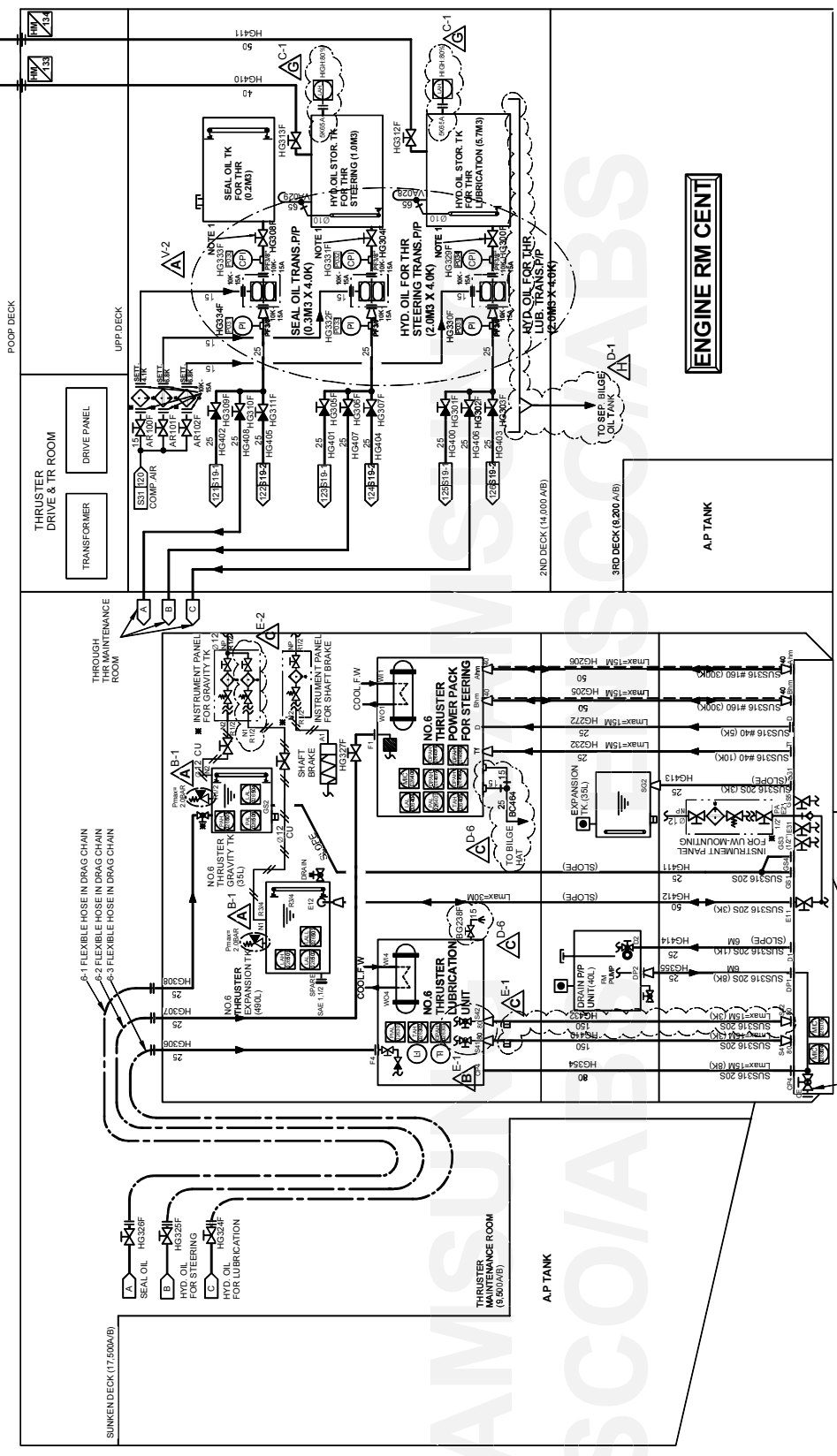
NO.5 THRUSTER CANISTER



NO.5 CANISTER FLEXIBLE HOSE LIST			
NO.	DESCRIPTION	SIZE	PAGE
E-1	HYD. OIL FOR SEALING	8K 25A	S19-2
E-2	HYD. OIL FOR STEERING	8K 25A	S19-2
E-3	HYD. OIL FOR LUBRICATION	8K 25A	S19-2
E-4	C.F.W SUPPLY	10K 100A	S27
E-5	C.F.W RETURN	10K 100A	S27
E-6	COMP. AIR SERVICE	10K 40A	S24
E-7	BIUGE	8K 50A	S45

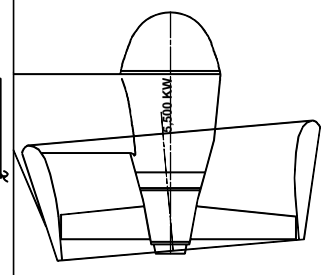
D-1

(SEE HULL DIA. MB101.25 P.46)



NO.	DESCRIPTION	SIZE	PAGE
6-1	HYD. OIL FOR SEALING	8K 25A	S19-3
6-2	HYD. OIL FOR STEERING	8K 25A	S19-3
6-3	HYD. OIL FOR LUBRICATION	8K 25A	S19-3
6-4	C.F.W SUPPLY	10K 100A	S26
6-5	C.F.W RETURN	10K 100A	S26
6-6	COMP. AIR SERVICE	10K 40A	S54
6-7	BILGE	8K 50A	S44

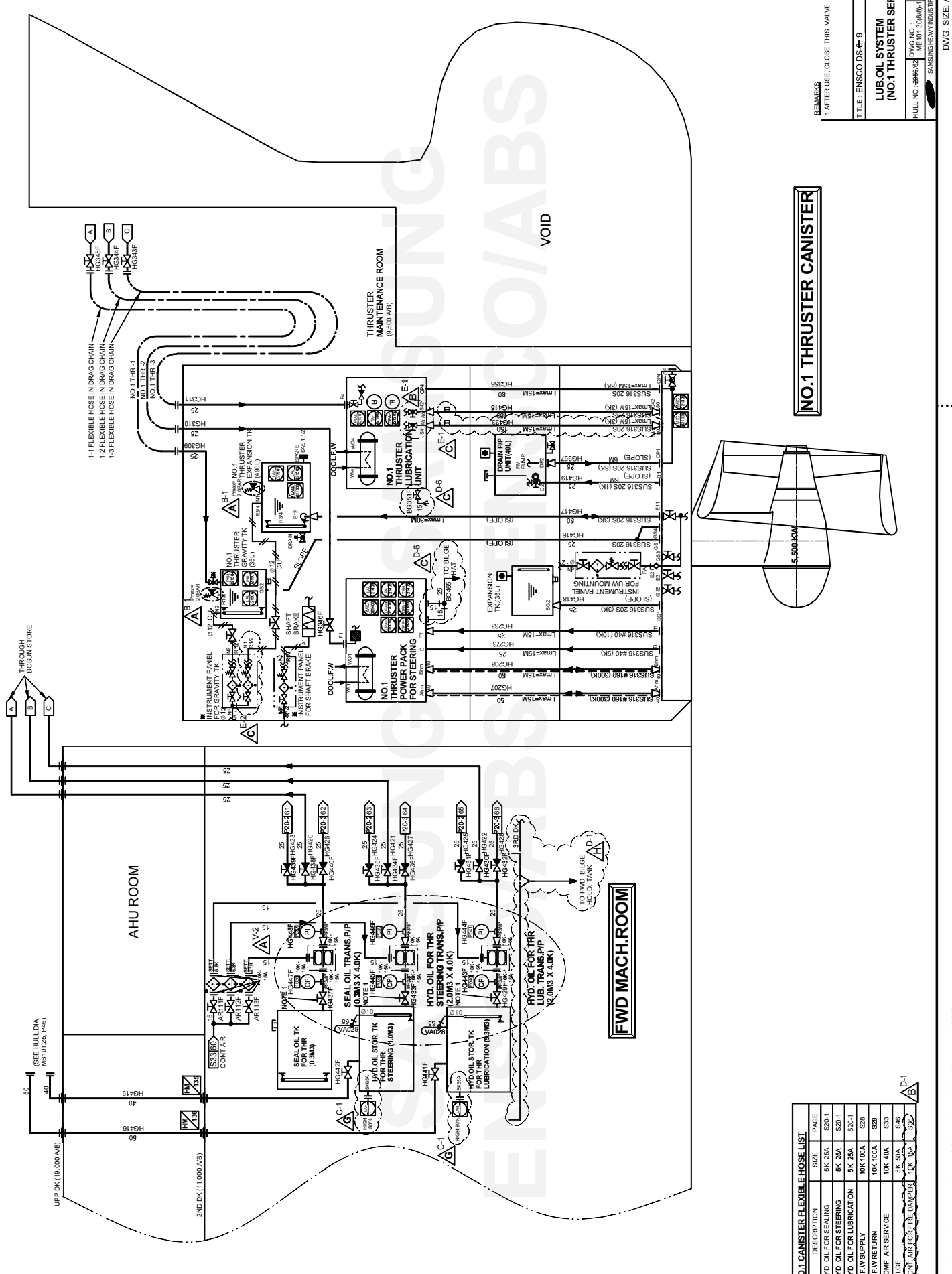
NO.6 THRUSTER CANISTER



REMARKS
1. AFTER USE, CLOSE THIS VALVE

TITLE: ENSCO DS-4-9
LUB. OIL SYSTEM
(NO.6 THRUSTER SERVICE)

D-1



- 1-1 FLEXIBLE HOSE IN DRAG CHAIN
- 1-2 FLEXIBLE HOSE IN DRAG CHAIN
- 1-3 FLEXIBLE HOSE IN DRAG CHAIN

NO.1 THRUSTER CANISTER

NO.	DESCRIPTION	SIZE	PAGE
1-1	HYD. OIL FOR SEALING	8K 25A	S20-1
1-2	HYD. OIL FOR STEERING	8K 25A	S20-1
1-3	HYD. OIL FOR LUBRICATION	8K 25A	S20-1
1-4	C.F.W SUPPLY	10K 100A	S28
1-5	C.F.W RETURN	10K 100A	S28
1-6	COMP. AIR SERVICE	10K 40A	S33
1-7	BILGE	8K 50A	S46

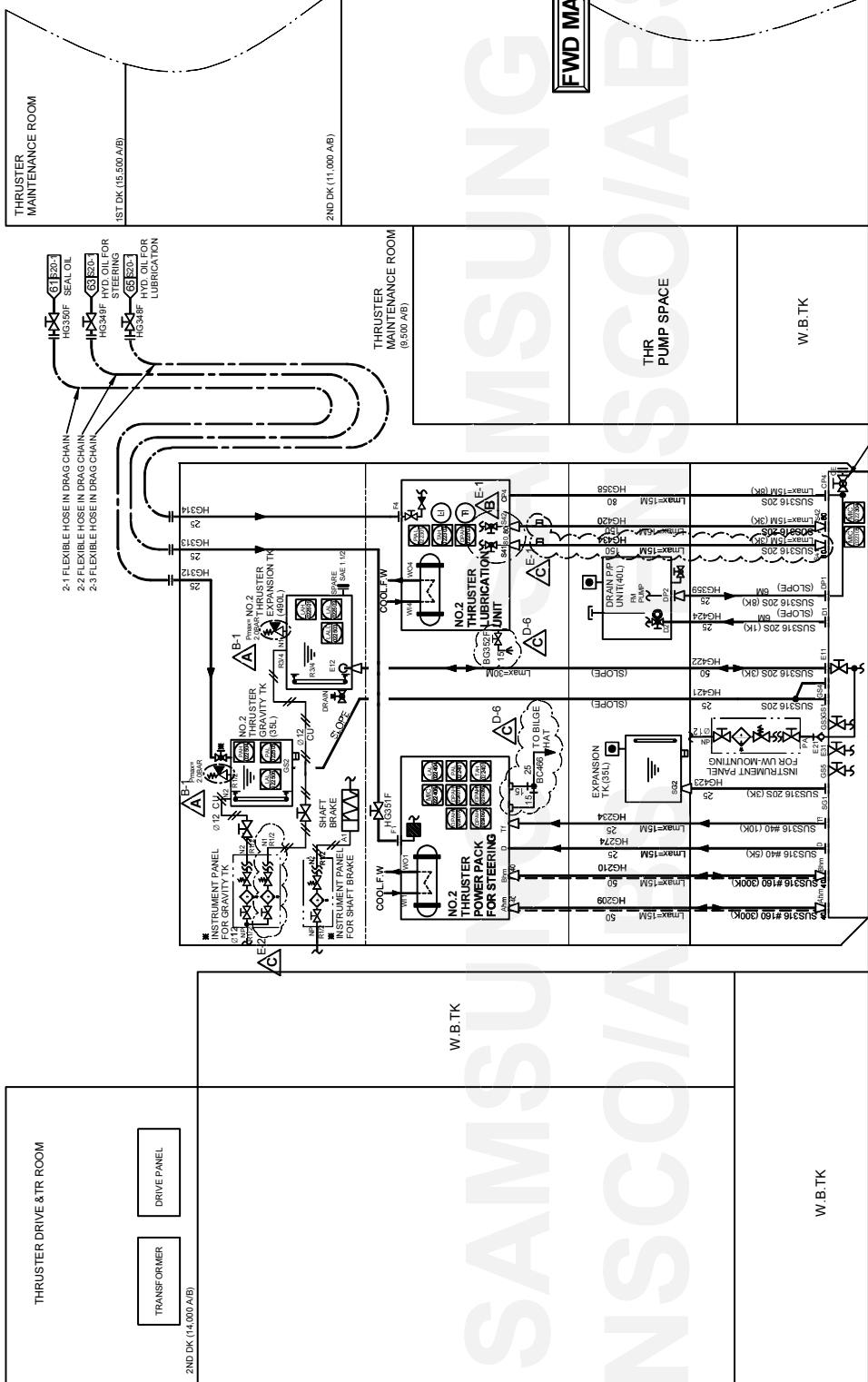
REMARKS
1. AFTER USE, CLOSE THIS VALVE

TITLE: ENSCO DS-9
LUB.OIL SYSTEM
(NO.1 THRUSTER SERVICE)

DWG. NO. MB 01.308(8)-1
SAMSUNG HEAVY INDUSTRIES CO., LTD.
A/S20-1

DWG. SIZE: A3(297X420)

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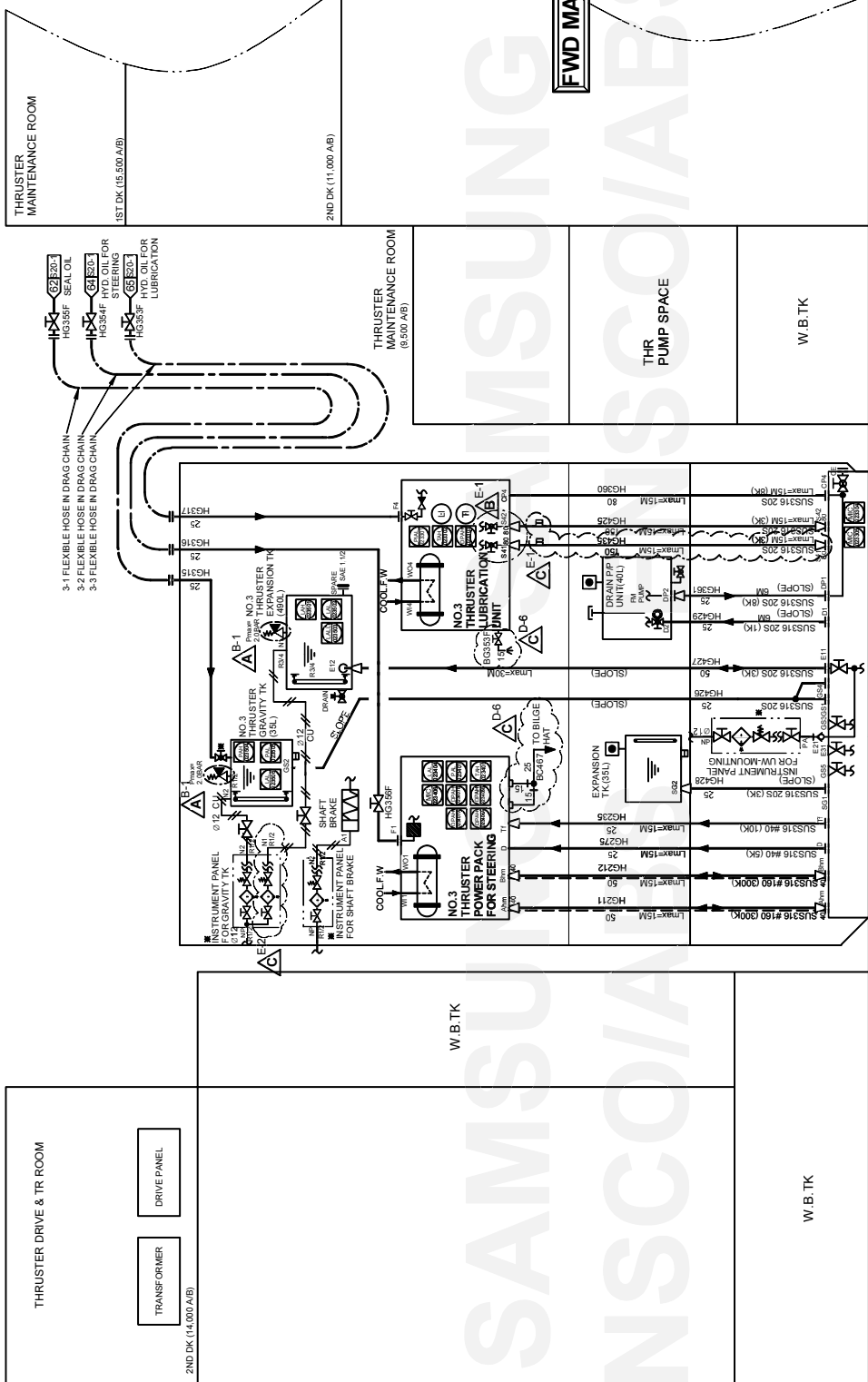


NO. 2 THRUSTER CANISTER

NO. 2 CANISTER FLEXIBLE HOSE LIST

NO.	DESCRIPTION	SIZE	PAGE
2-1	HYD. OIL FOR SEALING	8K 25A	S20-2
2-2	HYD. OIL FOR STEERING	8K 25A	S20-2
2-3	HYD. OIL FOR LUBRICATION	8K 25A	S20-2
2-4	C.F.W SUPPLY	10K 100A	S29
2-5	C.F.W RETURN	10K 100A	S29
2-6	COMP. AIR SERVICE	10K 40A	S43
2-7	BILGE	8K 50A	S45

TITLE: ENSCO DS-4-9
LUB.OIL SYSTEM (NO.2 THRUSTER SERVICE)
 HULL NO. 4000002 REV. NO. 10/13/88(2) **S20-2**
 SAMSUNG HEAVY INDUSTRIES CO. LTD.
 DWG. SIZE: A3(297X420)



NO.3 THRUSTER CANISTER

NO.3 CANISTER FLEXIBLE HOSE LIST

NO	DESCRIPTION	SIZE	PAGE
3-1	HYD. OIL FOR SEALING	5K 25A	S20-3
3-2	HYD. OIL FOR STEERING	5K 25A	S20-3
3-3	HYD. OIL FOR LUBRICATION	5K 25A	S20-3
3-4	CF.W SUPPLY	10K 100A	S29
3-5	CF.W RETURN	10K 100A	S29
3-6	COMP. AIR SERVICE	10K 40A	S33
3-7	BILGE	5K 50A	S4E

TITLE: ENSCO DS-4-9
**LUB.OIL SYSTEM
 (NO.3 THRUSTER SERVICE)**
 HULL NO. 400002 | REV. NO. 000002 | MB (01.30.889)-3 | **S20-3**
 SAMSUNG HEAVY INDUSTRIES CO. LTD.
 DWG. SIZE: A3(297X420)