EQUIPMENT/PUMP DETAILS															
ITEM TYPE		E	CAPA	CITY	DIFF. HEAD	LOG	CATION								
					(BAR))		REFERENCE DRAWING/DOCUMENT							
BILGE/BALLAST	CENTRIFUGAL PUMP		60m	³/hr	6			DRAWING No.			Rev.	DRAWING TITLE		TLE	
/FIRE PUMP			,			ENGINE ROOM	NGINE	GSPL-P1482-PI-0004			0	SANITARY & F.W SERVICE			
BILGE/G.S/FIRE			60m³/hr		6			00.2 11.02 11 000.			SYSTEM		PIPING SCHEMATIC		
PUMP	PUMP							OCDI D1480 DI 0007			0		ESSED AIR SYSTEM		
BWTS SYSTEM	UV TREATMENT		60m³/hr		_			GSPL-P1482-PI-0003			0	(CONTROL AIR) PIPING SCHEMATIC		ING	
	DESIGN CONDITION		N		TESTING			PIPE FITTINGS/FLANGE					Γ		
SYSTEM	PRESSURE	TEMP.	CLASS		PRESS	SURE	NOM. DIA.	MATERIAL &	MATERIAL	M.	ATERIAL	FLANGE	GASKET	COATING	
	(bar)	(°C)		MEDIUM		ir) DIA.		SCHEDULE	(FITTINGS)	(F	LANGES)	RATING			

JIS G3454 STPG370,Sch40

JIS G3454 STPG370,Sch40

JIS G3454 STPG370

JIS G3454 STPG370

JIS B2220 | JIS 5K | SF440 | /PN10 |

JIS B2220 | JIS 5K/ SF440 | PN10

300A TO 600A

200A TO 250A

50A TO 150A 15A TO 40A

AMB III WATER 9

BWTS

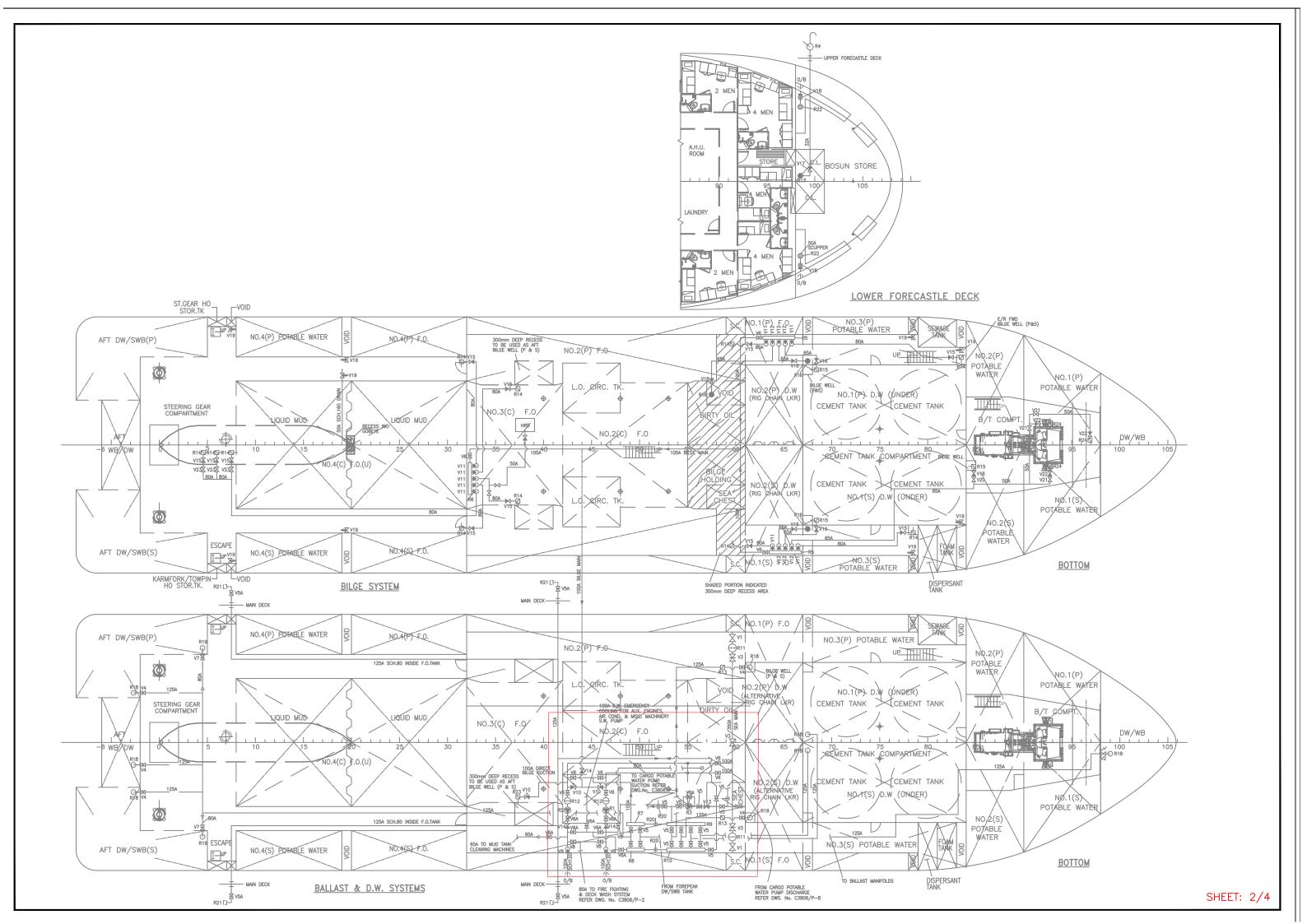
VALVE		_VE									
3	MATERIAL		REMARKS								
	BODY	TRIM						,			
					ITEM_LIST						
Ρ				No.	ITEM	ITEM NO.	REMARKS	MARKS			
ED.	CAST IRON	AL. BRONZE		1	PIPE	BA01-BA06					
				2	VALVE	BAV01-BAV11					
P ED		BRONZE		3	SAMPLING DEVIC	SV SV					
	BRONZE			4	FLOW METER	FT					

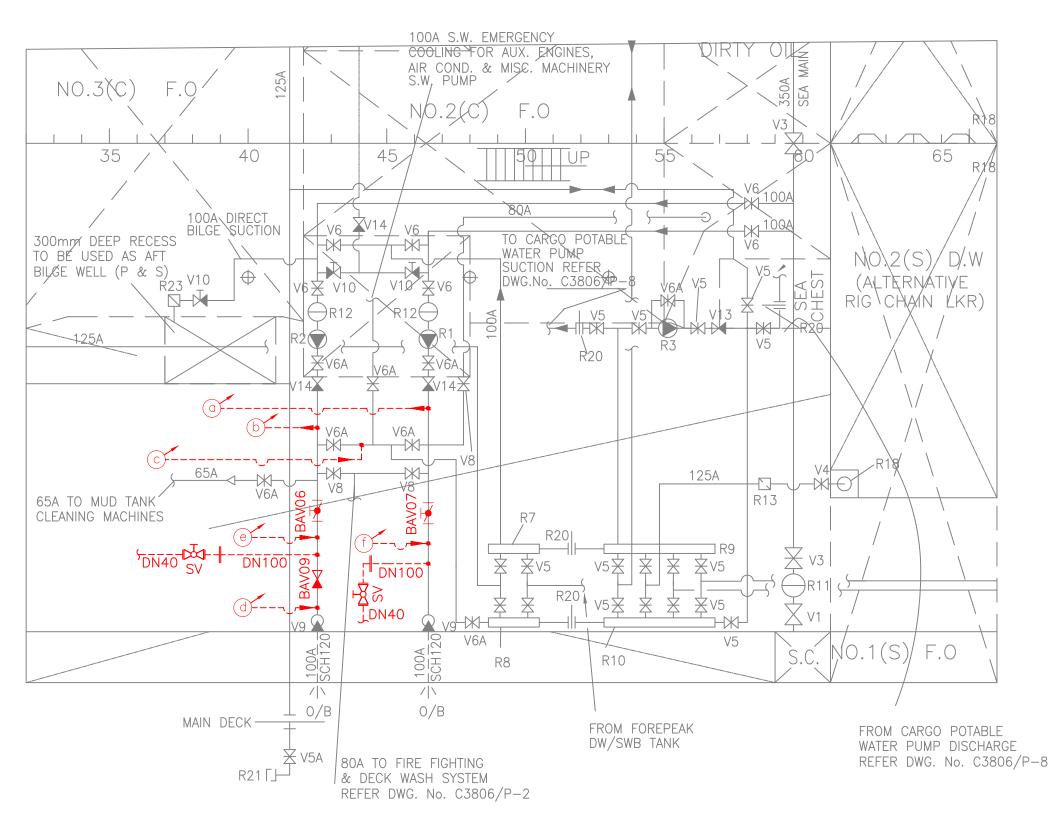
NON HOT-DIP ASBESTOS GALVANIZED

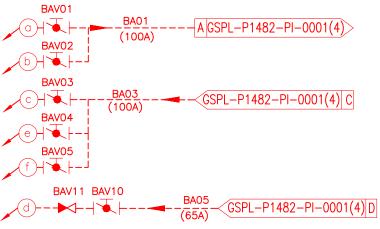
JIS 5K/ NON HOT-DIP PN10 ASBESTOS GALVANIZED

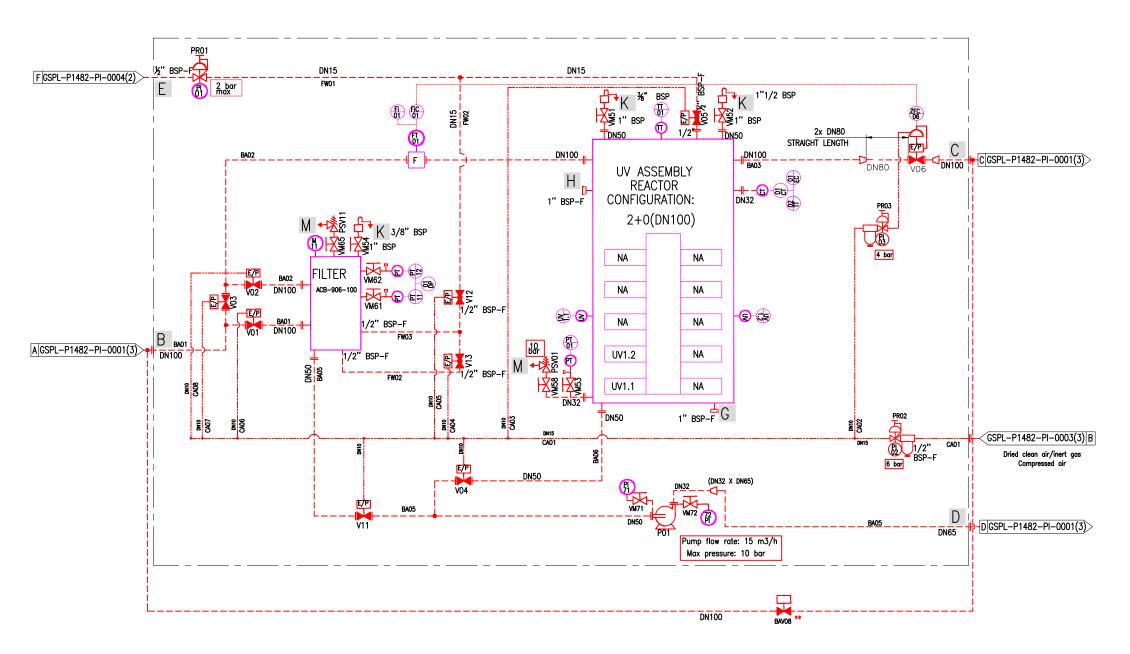
Symbol	Name	NOTES
	BWTS Line	1 VALVE ACTUATION MEANS IS PROVIDED VIA INSTRUMENT AIR
	BWTS Control & Auxiliary Air Line	2 QUALITY AND PRESSURE OF COMPRESSED AIR SHALL MEET
2	Pressure reducing valve	BWTS MAKER STANDARDS VALVES MARKED WITH ** SYMBOL TO BE MONITORED DURING
E/P	Electropneumatic ball valve	BWTS OPERATION. 4 VALVE BAVO8 ACT AS BYPASS VALVE FOR THE BWTS.
堲	Electropneumatic butterfly valve	THE SPILLAGE LINE SUITABLY ROUTED TO NEAR BILGE WELL/SCUPPER
巫	Manual valve	6 REFER BIOSEA BWTS (OMSM)
	Electropneumatic control valve	_
+ <u>₹</u>	Pressure safety valve	
4	Vent	
Q	Sensor	
₽ F	Flowmeter	
otin oti	Centrifugal pump	
	Flexible sleeve	
	Ejector or eductor	
	Butterfly valve	
	Check Valve	
	Air Filter	

			28/08/2024	DATE	Goltens							
			SN	DWN								
							Si	ngap	ore Pte I	Ltd.		
			APPROVAL	REMARKS		E	BWTS F	PIPINO	SCHEMA	ΓIC		SH. SZ.
			ΑPP		₩	₽	SCALE	NTS	OWNER	EMAS	OFFSHORE LIMITE	D
		Por /		꼾	DRAWN	NS	YARD					
					DATE	28/08/2024	CLASS	LR	PROJECT NO.	P1482		04
			SUED		CHCKD.	CHCKD. TT		JECT NAME JP 88 STORK		DRAWING NO.		SH. NO.
			ISSI		APPRD.	GC	1			GSPL-P1482-PI-0001	Α	
			⋖	REV	NOTICE: This drawing and the information it contains are property of Goltens Singapore Pte Ltd. and may not be reproduced or used in part or in whole for any purpose exept by written permission of this company.						01	









В	Main water inlet
С	Main water outlet
D	Water discharge (backwash & draining)
E	Fresh water inlet
F	Air inlet
G	"To CIP inlet" connection
Н	"From CIP outlet" connection
1	"To Stripping ejector" connection
J	"From Stripping ejector" conection
К	Vent outlet to gutter or bilge water
М	Saferty valve outlet to gutter or bilge water

СТ	Conductivity transmitter	PR	Pressure reducing valve
DP	Differential pressure	PSV	Pressure safety valve
EC	Electrical conductivity	PT	Pressure transmitter
F	Flow sensor	π	Temperature transmitter
Fi	Flow information	UV	UV irradiance
FiC	Flow control	V	Valve
FT	Flow transmitter	VM	Manual valve
НА	Visual and audible alarm	ZEC	Control valve opening
Р	Pump		
PI	Pressure indicator (indicative values, for information only)		