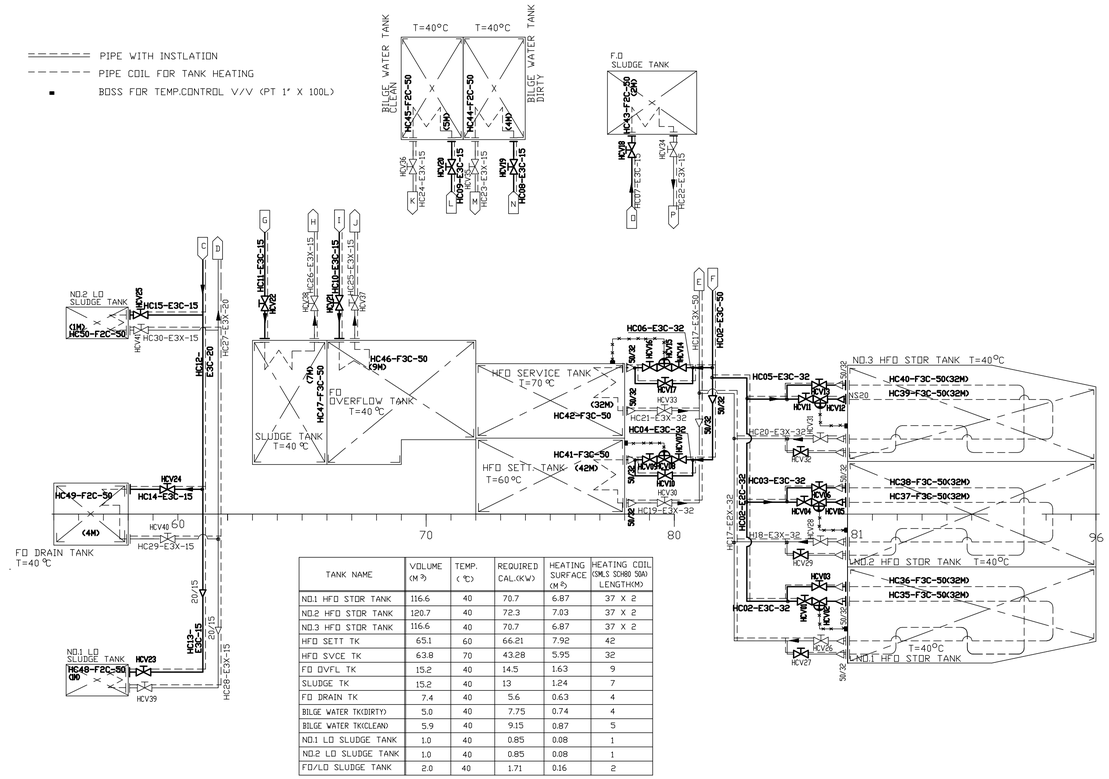

TANK NAME	VOLUME (M³)	TEMP. (℃)	REQUIRED CAL.(KW)	HEATING SURFACE (M²)	HEATING COIL (SMLS SCH80 50A) LENGTH(M)
NO.1 HFO STOR TANK	116.6	40	70.7	6.87	37 X 2
NO.2 HFO STOR TANK	120.7	40	72.3	7.03	37 X 2
NO.3 HFO STOR TANK	116.6	40	70.7	6.87	37 X 2
HFO SETT TK	65.1	60	66.21	7.92	42
HFO SVCE TK	63.8	70	43.28	5.95	32
FO OVFL TK	15.2	40	14.5	1.63	9
SLUDGE TK	15.2	40	13	1.24	7
FO DRAIN TK	7.4	40	5.6	0.63	4
BILGE WATER TK(DIRTY)	5.0	40	7.75	0.74	4
BILGE WATER TK(CLEAN)	5.9	40	9.15	0.87	5
NO.1 LO SLUDGE TANK	1.0	40	0.85	0.08	1
NO.2 LO SLUDGE TANK	1.0	40	0.85	0.08	1
FO/LO SLUDGE TANK	2.0	40	1.71	0.16	2

SPECIFICATION FOR PIPING SYSTEM

SERVICE	FLUID COND (DESIGN) PRESS (KG/CM²)	FLUID COND (DESIGN) TEMP (°C)	DIA (A)	PIPE THK (MM)	PIPE MATL	PIPE CODE	PIPE NO	HYD. TEST (KG/CM²)	TREAT-MENT	PIPE CONN TYPE	PIPE CONN FLANGE STD	PIPE CONN FLANGE MATL	VALVE CONN. TYPE	VALVE MATL B/D	REMARKS
THERMAL OIL FEED LINE	6.0	190	50	3.9	STPG370 SCH40 SMLS	E3C	HC01-HC15	10.0	OIL	FLG OR SLEEVE	SO	SS41	FLG 16K	SC/SCS	
			40	3.7											
			32	3.6											
			25	3.4											
			15	2.8											
THERMAL OIL RETURN LINE	6.0	150	50	3.9	STPG370 SCH40 SMLS	E3X	HC16-HC30	10.0	OIL	FLG OR SLEEVE	SO	SS41	FLG 16K	SC/SCS	
			40	3.7											
			32	3.6											
			25	3.4											
			15	2.8											
HEATING COIL	6.0	190	50	5.5	STPG370 SCH80 SMLS	F3C	HC35-HC50	10.0	OIL	SLEEVE	-	SS41	-	-	
AIR VENT & DRAIN	-	-	15	2.8	STPG370 SCH40 SMLS	E1X	HC31-HC34	-	OIL	FLG OR SLEEVE	SO	SS41	FLG 16K	SC/SS	

EQUIPMENT LIST

NO	DESCRIPTION	Q'TY	TYPE	CAPACITY	DRIVER	REMARKS

PLAN HISTORY

REV.NO	DATED	DESCRIPTION	SIGN DWN	SIGN CHK	SIGN APP	SIGN APP

GENERAL NOTES

1. "★" : MAKER SUPPLY
2. THIS DWG MIGHT BE MODIFIED PARTIALLY ACCORDING TO DESIGN PROCESS SUCH AS THE INFORMATION OF EQUIPMENT BE CHANGED.
3. ALL VALVES TO BE BELLOWS SEAL TYPE.
4. DRAIN LINE WILL BE INSTALLED LOWEST POSITION IN SYSTEM
5. AIR VENT LINE WILL BE INSTALLED HIGHEST POSITION IN SYSTEM
6. THE HEATING MEDIUM WILL BE USED THERMAL OIL 'H-280'
7. THE HEATING COIL IN THE TANK TO BE ADDITIONALLY ARRANGED AROUND THE SUCTION LINE.

DWG NO	7504DA842P001		
DWG NAME	P/D OF HEATING COIL SYSTEM IN TANK		
CONS.NO	28	PROJ.NO	7504

FILE : DA842P001

DAEWOO HEAVY INDUSTRIES LTD.

TDRMPD-A3_2