DRAWING NO. DRAWING_NO. 123A90-DDL-PR-PID-80021

REV. REV 05

P-50001 A/B

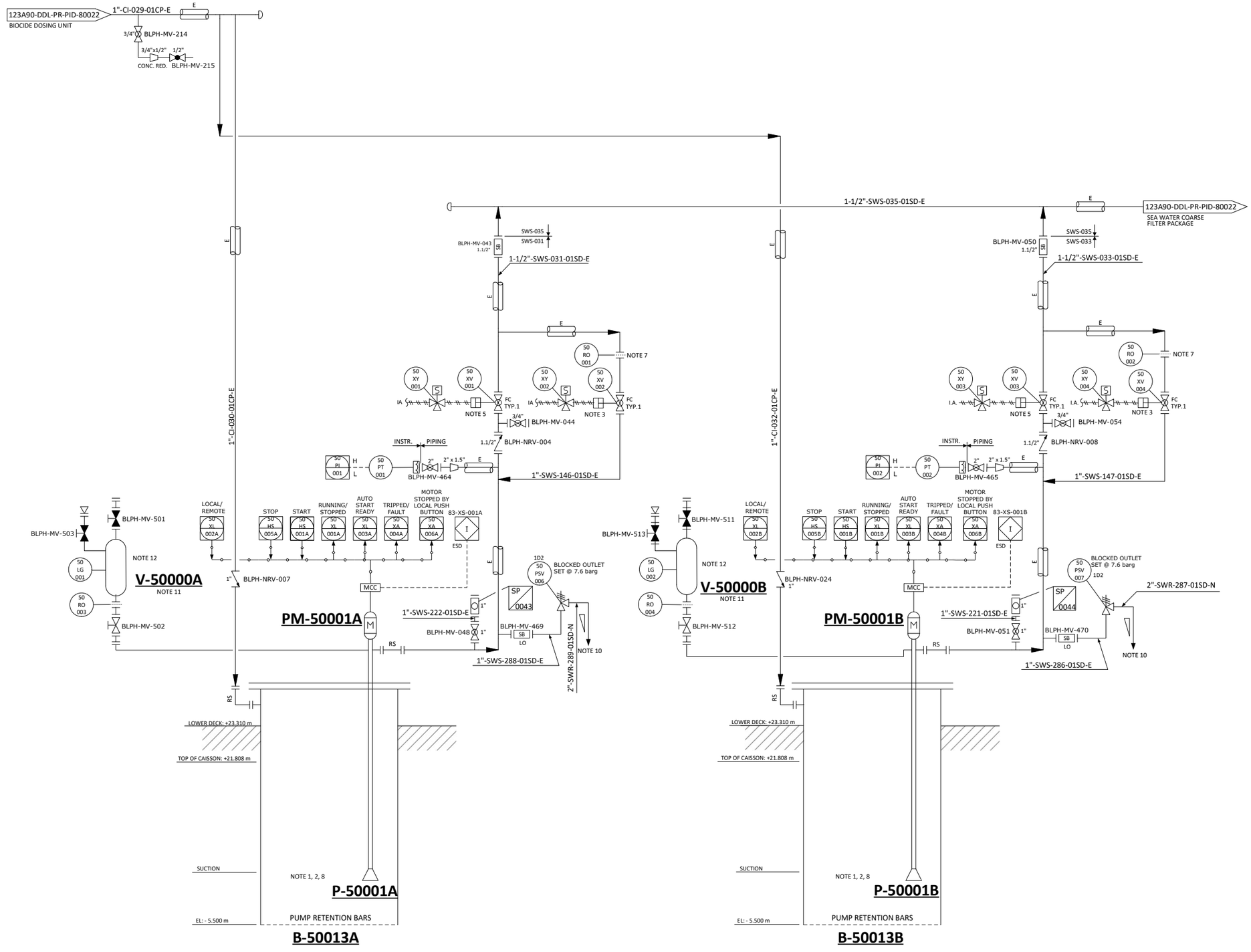
SEA WATER LIFT PUMPS

POWER : 1.6 KW
FLOW : 2.5 m³/h
DESIGN P/T : 7.6 barg / 80°C
DISCHARGE PRESSURE : 5.6 barg (NOTE 9)
MATERIAL : SDSS

B-50013 A/B

SEA WATER LIFT PUMPS
CAISSONS

SIZE : 343 mm (ID) x 27308 mm (H)
MATERIAL : CS + CA



NOTES

1. SEAWATER LIFT PUMPS ARE RATED 2 X 100%
2. AUTO START OF DESIGNATED STANDBY PUMP ON LOSS OF RUNNING STATUS AND DISCHARGE LOW PRESSURE ALARM OF DUTY PUMP.
3. VALVE TO BE OPENED WHEN PUMP IS OFFLINE TO DOSE CAISSON WITH TREATED SEAWATER TO PREVENT BIOLOGICAL GROWTH.
4. DELETED.
5. SOFTWARE INTERLOCK PREVENTS PUMPS FROM STARTING IN CASE THE RELEVANT XV VALVE IS FULLY CLOSED.
6. DELETED.
7. FOR ORIFICE DIAMETER REFERENCE SHALL BE MADE TO "123A90-DDL-IN-DS-40054 - TECHNICAL DATASHEET FOR RESTRICTION ORIFICE".
8. LOGIC FOR CONTROL OF P-5001A/B THAT PREVENTS SIMULTANEOUS RUNNING OF A AND B PUMP IS PROVIDED.
9. DISCHARGE PRESSURE REFERS TO THE FLANGE DISCHARGE OF THE PUMP AT LOWER DECK.
10. ROUTED TO THE SEA.
11. VESSEL V-50000A/B ARE INSULATED AND HEAT TRACED.
12. FOR DETAILS REFERENCE SHALL BE MADE TO THE DOC. N. 1724000936-MAC-DD-00007" - SHAFT SEAL DRAWING AND BILLS OF MATERIAL (INCLUDING FLUSHING PLAN 51) OR SEA WATER LIFT PROGRESSIVE CAVITY PUMPS (P-50001 A/B).
    SEAL FLUSHING DEVICE ACCORDING TO API PLAN 51.

HOLDS

1. DELETED.
2. DELETED.
3. DELETED.
4. DELETED.
5. DELETED.

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	21/10/2025	RZI	RZI	CGI	AS BUILT
04	16/04/2025	CIM	RZI	CGI	ACCEPTED FOR CONSTRUCTION (AFC)
03	09/09/2024	CIM	RZI	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
02	12/06/2024	CIM	RZI	DLO	ACCEPTED FOR CONSTRUCTION (AFC)
01	15/02/2024	CIM	RZI	DLO	ISSUE FOR ACCEPTANCE (IFA)
00	20/10/2023	CIM	RZI	DLO	ISSUE FOR ACCEPTANCE (IFA)

CROSSWIND

ROSETTI MARINO

TITLE :
BLPH PIPING AND INSTRUMENTATION DIAGRAM
SEA-WATER INTAKE SYSTEM SHEET 1

CONTRACT NO./TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK		SCALE	NTS
DRAWN	CHECKED	APPROVED	DATE	
A1	DRAWING NO. 123A90-DDL-PR-PID-80021		SHEET 001	REV. 05

File Name : FILE_NAME