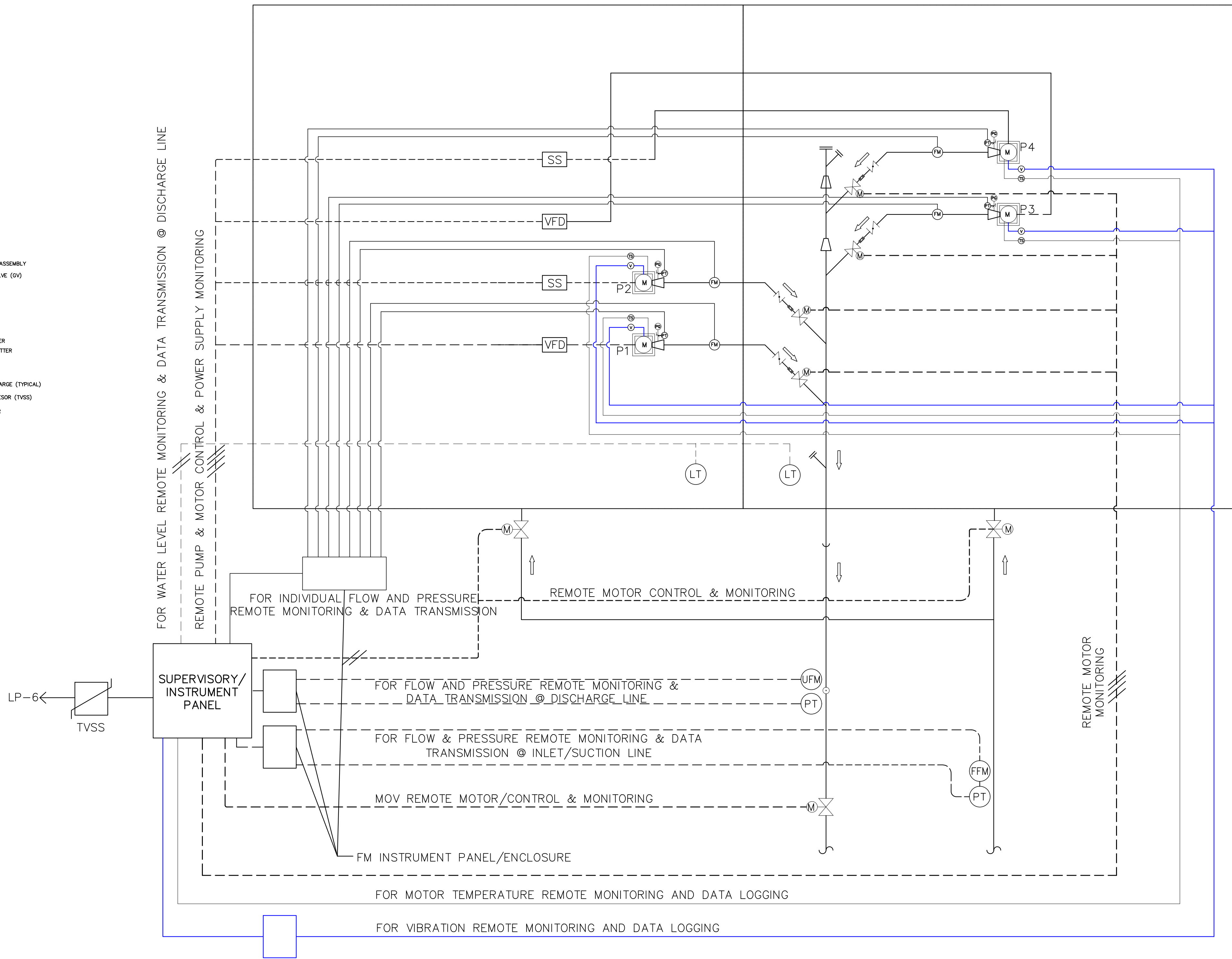


- LEGEND:
- VERTICAL TURBINE PUMP & MOTOR ASSEMBLY
 - BUTTERFLY VALVE (BV) / GATE VALVE (GV)
 - CHECK VALVE (CV)
 - ULTRASONIC FLOW METER
 - VARIABLE FREQUENCY DRIVE
 - SOFT STARTER
 - LEVEL TRANSMITTER
 - PRESSURE TRANSDUCER/TRANSMITTER
 - ULTRASONIC FLOWMETER / TRANSMITTER
 - FULLBORE FLOWMETER/TRANSMITTER
 - MOTOR ACTUATOR
 - PRESSURE GAUGE @ SUCTION/DISCHARGE (TYPICAL)
 - TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS)
 - TEMPERATURE SENSOR/TRANSDUCER
 - VIBRATION METER TRANSDUCER



				<div><div>A</div><div>ME</div></div> INSTRUMENTATION AND MONITORING DIAGRAM <div>SCALE</div> <div>NTS</div>			
CONFORME:		CONFORME:		Checked & Certified : ROSENDO B. SANCHEZ, PME PROFESSIONAL MECHANICAL ENGINEER			
HEAD, Division (End User)		HEAD, Department (End User)		Approved : NAM LE Project Manager			
DRAWN	SURVEYED	DESIGNED	CHECKED	11/F Alphaland Southgate Tower 2258 Chino Roces Ave corner EDSA Makati City 1232 Philippines T 63 2 479 5600 F 63 2 479 5601 E mnimail@ghd.com W www.ghd.com			
DRAW	SURVEYED	DESIGNED	CHECKED	RBSANCHEZ PME CONSULTANTS & ASSOCIATES, INC. Makati Corporate Office: 28th Floor Cityland Pasong Tamo Tower U2807, 2210 Chino Roces Avenue, Makati City, Philippines Telefax No. 776-5879 Cell No. +639 273 006 000 Website: www.rbs-engineers.com			
REVISION				RBS DESIGN UNIT			
REV	DATE	BY	APPROVED BY	ROSENDO B. SANCHEZ, PME HEAD, Engineering			
				RBS DESIGN SECTION			
				CONTRACT DRAWING			
				PROJECT TITLE: CONSULTANCY SERVICES FOR THE PLANT AUDIT IN VARIOUS PUMP STATIONS AND RESERVOIRS			
				LOCATION: NOVELETA PUMP STATION AND RESERVOIR			
				SHEET CONTENT: INSTRUMENTATION AND MONITORING DIAGRAM			
				SCALE: NTS	CONTRACT NO. OP18REFCS03-NVL-MECH-001	SHEET NO. 1 OF 1	REV. A