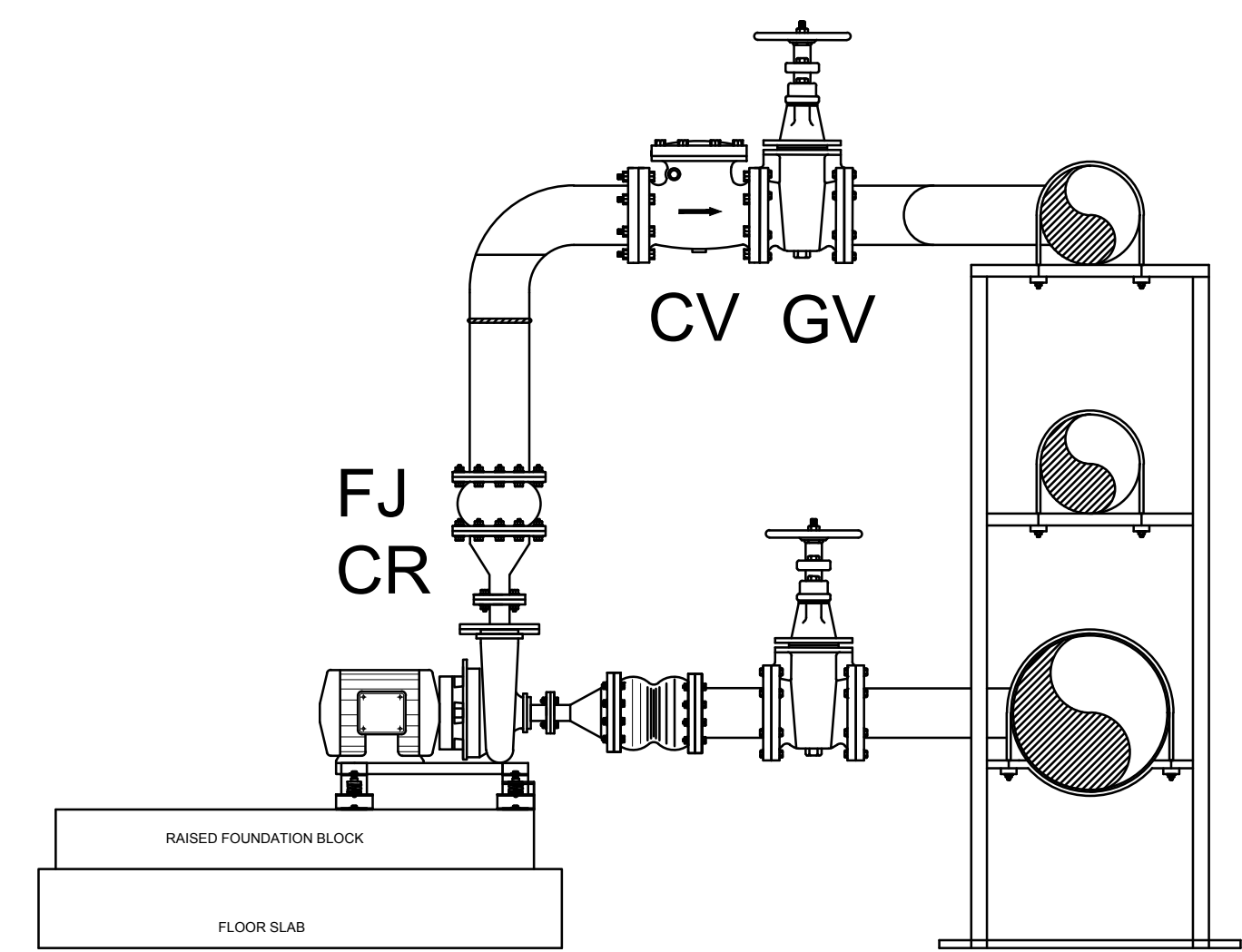
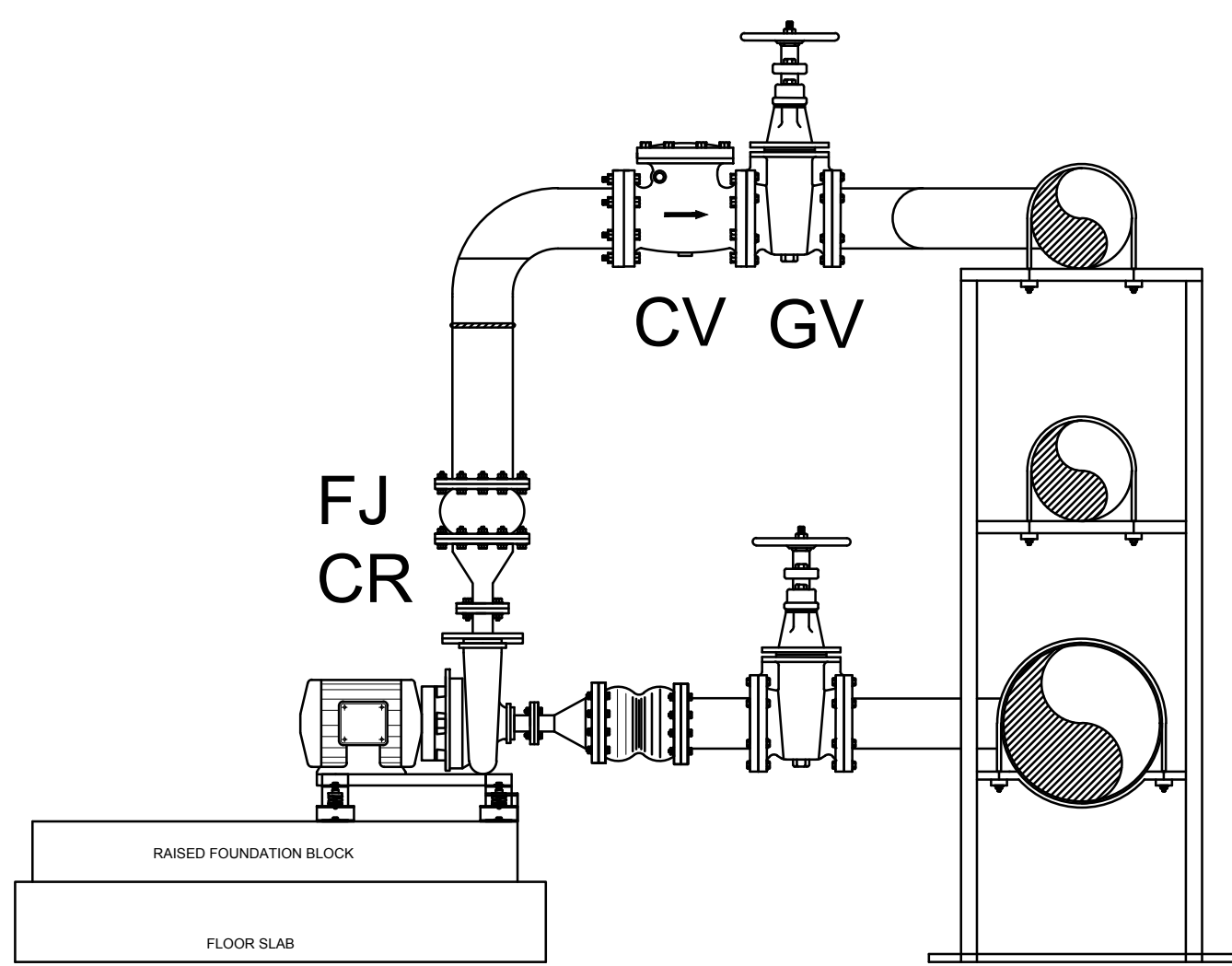


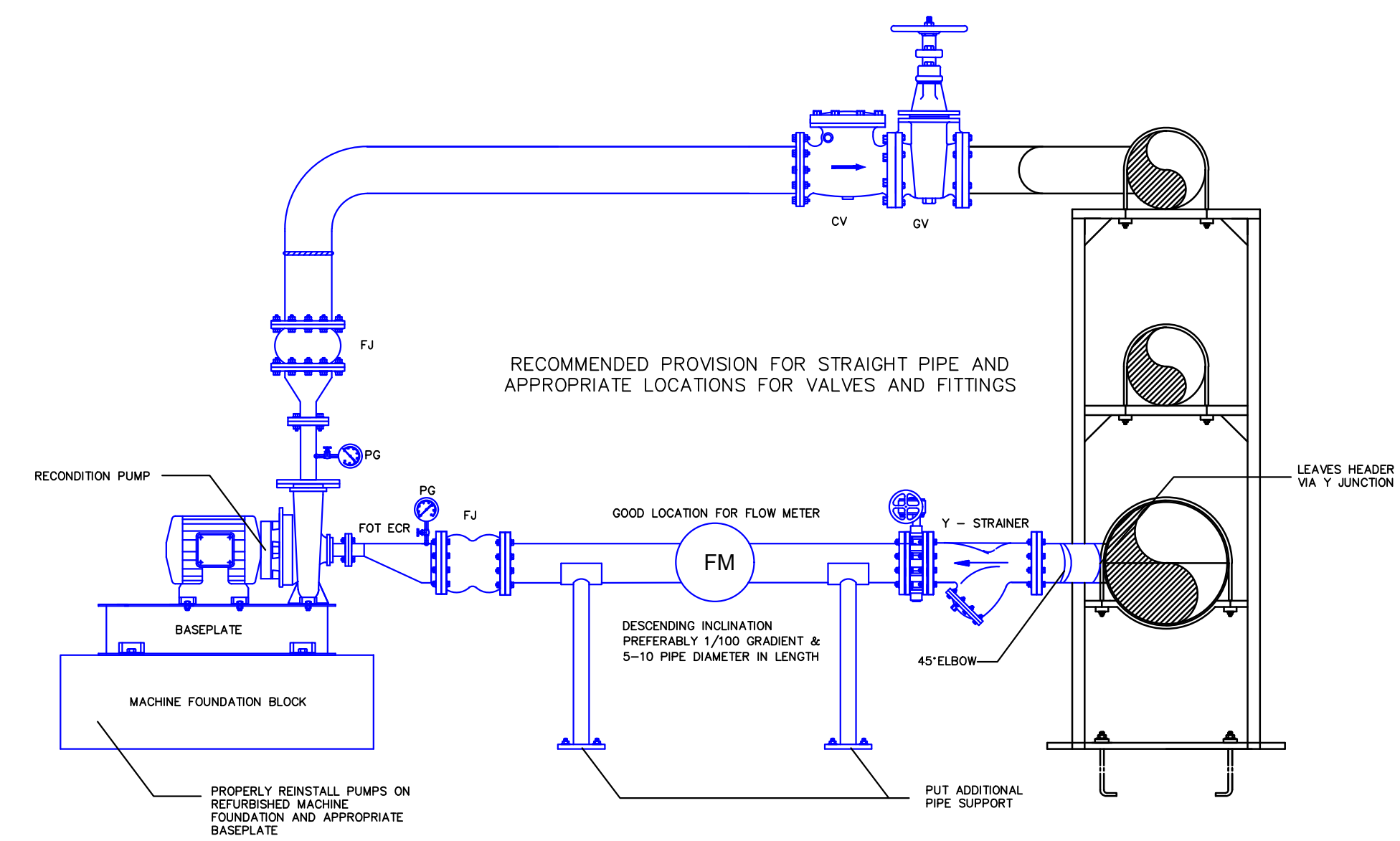
- CONCEPTUAL DESIGN NOTES:
1. RECONDITION PUMPS AS PER RECOMMENDATIONS OF AUDIT REPORT.
 2. PIPING AND FITTINGS
 - 2.1. PROVISION FOR STRAIGHT PIPE TO IMPROVE FLOW DEVELOPMENT AND USE OF FLOW METER; FOLLOWS CORRESPONDING PIPE SUPPORTS
 - 2.2. CONSISTENT PIPING AND VALVE LOCATION
 - 2.3. CONCENTRIC REDUCER TO ECCENTRIC FOT REDUCER.
 - 2.4. REMOVE REDUNDANCY BETWEEN STC AND FJ
 - 2.5. CONSTRUCT IDENTICAL PIPING
 3. PUMP MOUNTING AND FOUNDATION REHAB
 - 3.1. RAISED FOUNDATION BLOCK AND BASE PLATE FOR MACHINE MOUNTING
 4. CONDITION MONITORING DEVICES (SCHEMATIC)
 - 4.1. FLOW METERS
 - 4.2. PRESSURE GAUGES/TRANSDUCER
 - 4.3. VIBRATION METERS
 - 4.4. POWER SUPPLY MONITORING (SS)
 - 4.5. MOTOR TEMP SENSOR/TRANSDUCER
 - 4.6. TOTAL SYSTEM INTEGRATION
 5. INSTALLATION OF ADDITIONAL PUMP (15HP)
 6. REMOVE OBSTRUCTIONS AROUND GENSET (TREES, DUMPS, ETC) OTHERWISE RELOCATE GENSET TO MORE OPEN AREA







SONERA SERVICE PUMP 1



SONERA SERVICE PUMP 1



<div> CONFORME:</div> <div>_____ HEAD, Division (End User)</div>				<div><div> CONFORME:</div><div>_____ HEAD, Department (End User)</div></div>				<div><div><div>A</div><div>ME</div></div><div>APPROPRIATE LOCATIONS FOR VALVES AND FITTINGS</div><div>SCALE<div>NTS</div></div></div>											
DRAWN		SURVEYED		DESIGNED		CHECKED		Checked & Certified : <div>ROSENDO B. SANCHEZ, PME PROFESSIONAL MECHANICAL ENGINEER</div>											
DRAW		SURVEYED		DESIGNED		CHECKED		<div><div></div><div>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 mnlmail@ghd.com W www.ghd.com</div></div>											
REVISION								PROFESSION : PME		PTR : 7341148		Approved : <div>NAM LE Project Manager</div>							
REV		DATE		BY		APPROVED BY		REGISTRATION NO. : 3999		DATE ISSUED : 01-07-2019									
								TIN : 205-811-966		PLACE ISSUED : MAKATI_CITY									
										<div><div></div><div>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</div></div>									
										<div><div><div>RBS DESIGN UNIT</div><div>RBS DESIGN SECTION</div></div><div>ROSENDO B. SANCHEZ, PME HEAD, Engineering</div></div>									
										<div><div>CONTRACT DRAWING</div><div>PROJECT TITLE: CONSULTANCY SERVICES FOR THE PLANT AUDIT IN VARIOUS PUMP STATIONS AND RESERVOIRS</div><div>LOCATION: AYALA SOUTHVALE PUMP STATION AND RESERVOIR</div><div>SHEET CONTENT: PIPING SYSTEM MODIFICATION FOR SONERA LINES</div><div>SCALE: NTS</div><div>CONTRACT NO. OP18REFCS03-AYA-MECH-002</div><div>SHEET NO. 1 OF 1</div><div>REV. A</div></div>									