



- NOTES:**
1. VALVE ACTUATOR INTEGRATED CONTROL.
 2. ANALOG SIGNALS AND VFD SPEED ADJUSTMENTS HAVE TO BE REMOVED WHEN CONSTANT SPEED PUMP IS USED.
 3. REFER TO STANDARD GRINDER PANEL FOR ADDITIONAL DETAILS.
 4. REFER TO BACKUP FLOAT PANEL FOR ADDITIONAL DETAILS.
 5. ALL SIGNALS WITH IDENTIFIER ② SIGNALS ARE TO BE CONNECTED TO ONE COMMON ISR PANEL.
 6. INCLUDE WHEN APPLICABLE; FOR EXAMPLE SMART OVERLOADS WILL BE APPLICABLE ONLY IF FVNR STARTERS ARE USED.
 7. SMART OVERLOADS TO BE USED FOR FVNR STARTERS ONLY, FOR OTHER APPLICATION OVERLOAD IS TO BE INTEGRAL TO VFD/RVSS. REFER TO PUMP WIRING SCHEMATICS FOR ADDITIONAL DETAILS.



**PUBLIC WORKS
STANDARD DRAWING**

**SEWAGE PUMPING STATION
TYPE I P&ID**

REV. DATE: JULY 2024	REVISION 2
APPROVED BY MM	DRAWN BY ERAMOSA
STD. DWG. NUMBER SPS-302	SCALE Not to Scale