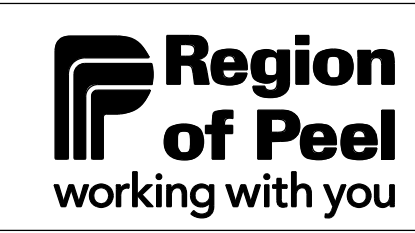


FOR DETAILS OF SIGNALS FROM TYP. 1 TO 7 REFER TO DWG SPS-304.

- NOTES:**
1. VALVE ACTUATOR INTEGRATED CONTROL. BASED ON VALVE MAKE AND MODEL, IT MAY NOT REFLECT THE EXACT ARRANGEMENT OF INTEGRAL VALVE CONTROL, HOWEVER ALL VALVE ACTUATORS MUST PROVIDE SIMILAR FUNCTIONALITY SHOWN ON THIS DRAWING.
 2. ANALOG SIGNALS AND VFD SPEED ADJUSTMENTS TO BE REMOVED WHEN CONSTANT SPEED PUMP IS USED..
 3. REFER TO BACKUP FLOAT PANEL FOR ADDITIONAL DETAILS; ALL TYPICAL 2 SIGNALS ARE TO BE CONNECTED TO ONE COMMON BACKUP FLOAT PANEL.
 4. INCLUDE WHEN APPLICABLE; FOR EXAMPLE SMART OVERLOADS WILL BE APPLICABLE ONLY IF FVNR STARTERS ARE USED.
 5. DESIGNER MUST PROVIDE A WIRING DETAIL TO ENSURE PROPER WIRING BETWEEN THIS LOCAL CONTROL STATION AND VALVE ACTUATOR. VALVE SHOULD BE CONSIDERED IN REMOTE MODE IF BOTH LOCAL CONTROL STATION AND ACTUATOR ARE BOTH IN REMOTE.
 6. 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 III P&ID 2 OF 2**

REV. DATE: MAY 2022	
APPROVED BY MM	DRAWN BY ERAMOS
STD. DWG. NUMBER SPS-305	SCALE Not to Scale