



NOTES:

1. ALL INSTRUMENT IDENTIFIERS HAVE AN OPTIONAL FACILITY PREFIX.
2. THE LEVEL CONTROLLER IS ENABLED WHEN NOT IN PLC MODE.
3. PLC FUNCTION BLOCKS WITH THE SAME IDENTIFIER ARE IMPLEMENTED AS ONE SINGLE FUNCTION BLOCK WITHIN THE PLC PROGRAM.
4. COORDINATE WITH THE CONTRACT ADMINISTRATOR FOR ELEVATION OF SWITCH AND MARK FINAL ELEVATION ON AS-BUILT DRAWINGS.
5. SEE ELECTRICAL AND AUTOMATION DRAWINGS FOR PILOT LIGHTS AND ANNUNCIATOR PANEL LIGHTS.

LEGEND:

- DEVICE DESCRIPTORS:**
- AI ANALOG INPUT
 - AO ANALOG OUTPUT
 - DI DISCRETE INPUT
 - DO DISCRETE OUTPUT

- FUNCTIONAL IDENTIFIERS:**
- ESL VOLTAGE SWITCH LOW
 - HSR HAND SWITCH START
 - HSS HAND SWITCH STOP OR SAFETY
 - KQI TOTAL RUN TIME
 - LE LEVEL SENSOR
 - LIT LEVEL INDICATING TRANSMITTER
 - LSH LEVEL SWITCH HI
 - LSHH LEVEL SWITCH HI-HI



METRO ROUTE 20 UNDERPASS PUMPING STATION
 2018 UPGRADES
 PROCESS & INSTRUMENTATION DIAGRAM
 UNDERPASS PUMPING

PRELIMINARY
 NOT TO BE
 USED FOR
 CONSTRUCTION

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CONSULTANT NO.:			
00	ISSUED FOR TENDER, BID OPP. 475-2018	2018/05/09	FZ BC
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CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0309U-P0001	001	00	A1