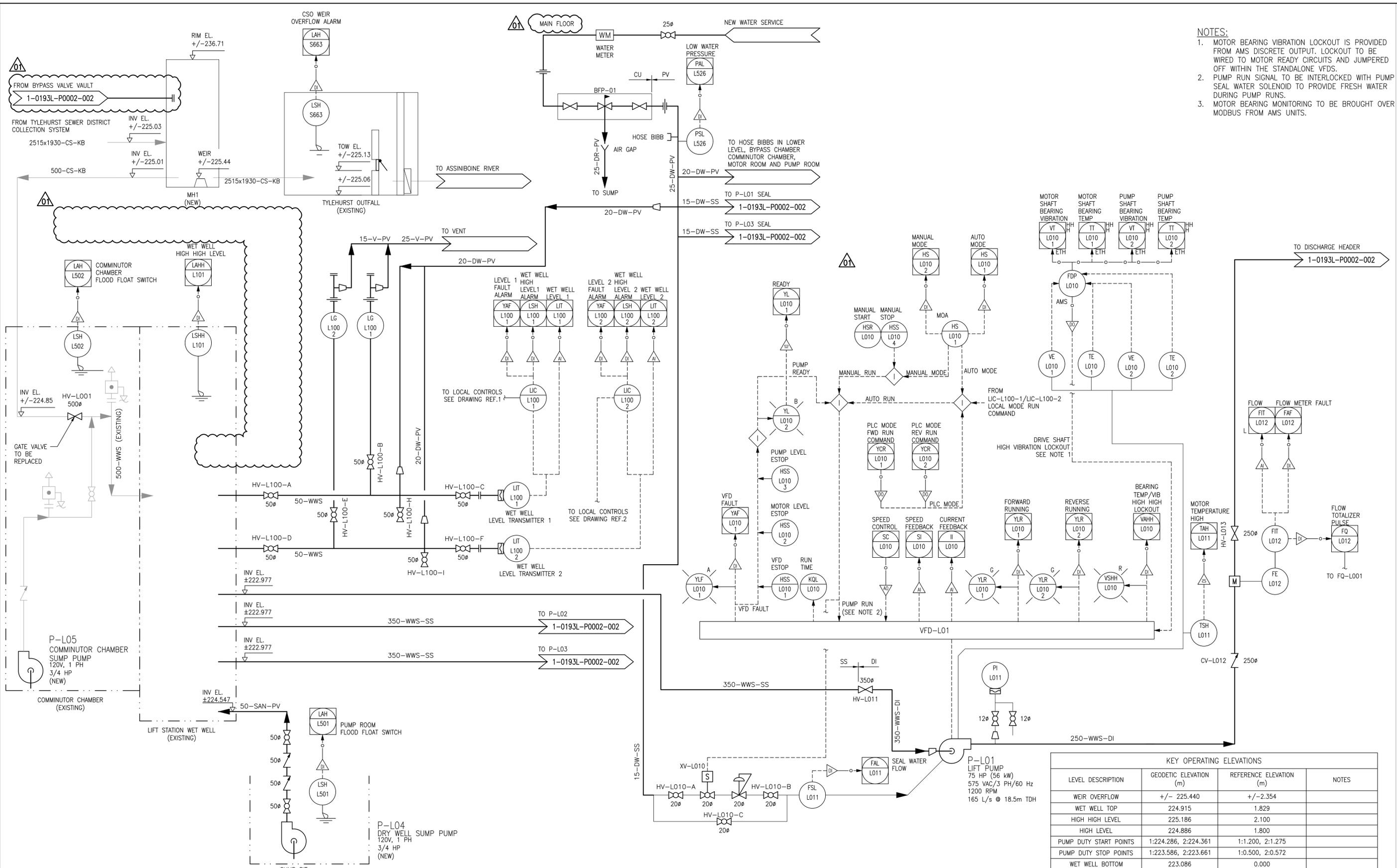


AI SIZE - 594mm x 841mm

LAST SAVE: 2026/03/06 - 3:03pm
PATH: M:\Data\84\00 City of Winnipeg\011 - Tylehurst Lift Station Upgrades\AutoDesk\ACAD\1-0193L-P0002-001-00.dwg



- NOTES:**
- MOTOR BEARING VIBRATION LOCKOUT IS PROVIDED FROM AMS DISCRETE OUTPUT. LOCKOUT TO BE WIRED TO MOTOR READY CIRCUITS AND JUMPED OFF WITHIN THE STANDALONE VFDS.
 - PUMP RUN SIGNAL TO BE INTERLOCKED WITH PUMP SEAL WATER SOLENOID TO PROVIDE FRESH WATER DURING PUMP RUNS.
 - MOTOR BEARING MONITORING TO BE BROUGHT OVER MODBUS FROM AMS UNITS.

KEY OPERATING ELEVATIONS			
LEVEL DESCRIPTION	GEODETIC ELEVATION (m)	REFERENCE ELEVATION (m)	NOTES
WEIR OVERFLOW	+/- 225.440	+/-2.354	
WET WELL TOP	224.915	1.829	
HIGH HIGH LEVEL	225.186	2.100	
HIGH LEVEL	224.886	1.800	
PUMP DUTY START POINTS	1:224.286, 2:224.361	1:1.200, 2:1.275	
PUMP DUTY STOP POINTS	1:223.586, 2:223.661	1:0.500, 2:0.572	
WET WELL BOTTOM	223.086	0.000	

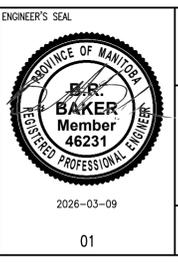
NO.	DRAWING NUMBER	REFERENCE DRAWINGS TITLE
2	1-0193L-A0021-001	AUTOMATION LOOP DIAGRAM WET WELL LEVEL CONTROLLER LIC-1100-2, LIT-1100-2
1	1-0193L-A0020-001	AUTOMATION LOOP DIAGRAM WET WELL LEVEL CONTROLLER LIC-1100-1, LIT-1100-1

ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
 MPE, a division of Englobe Corp.
 No. 4968 Date: MAR 09, 2026

NO.	REVISIONS	DATE	DESIGN	CHECK
01	RE-ISSUED FOR CONSTRUCTION, B.O. 1042-2025	2026-03-09	BRB	BRB
00	ISSUED FOR CONSTRUCTION, B.O. 1042-2025	2026-01-09	BRB	BRB

MPE
 a division of Englobe

DESIGNED BY: B. BAKER
 CHECKED BY: B. BAKER
 DRAWN BY: J. BALVERDE
 APPROVED BY: B. BAKER
 SCALE: NTS
 RELEASED FOR CONSTRUCTION BY: [Signature]
 DATE: 2026-01-09
 CONSULTANT NO.: 8400-011-00



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

TYLEHURST LIFT STATION
 2026 UPGRADES
 PROCESS AND INSTRUMENTATION DIAGRAM (P&ID)
 WASTEWATER LIFT PUMPING

CITY DRAWING NUMBER: **1-0193L-P0002**
 SHEET: 001
 REV: 01
 SIZE: A1