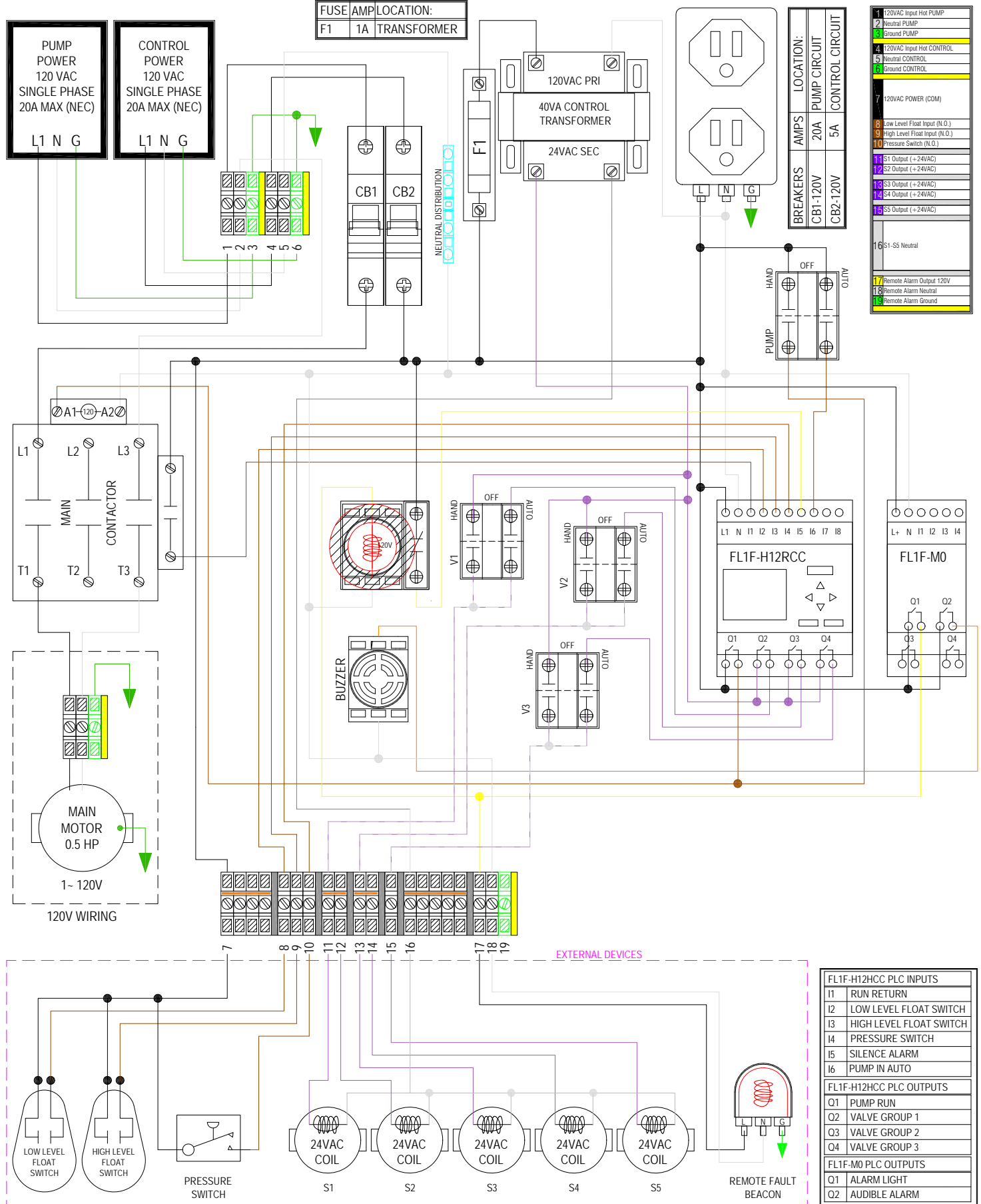


Precision Automation Systems

Lowridge Panel

DATE 05.13.19

240/120/24VAC
WIRING DIAGRAM



FUSE	AMP	LOCATION:
F1	1A	TRANSFORMER

BREAKERS	AMPS	LOCATION:
CB1	120V	PUMP CIRCUIT
CB2	120V	CONTROL CIRCUIT

1	120VAC Input Hot PUMP
2	Neutral PUMP
3	Ground PUMP
4	120VAC Input Hot CONTROL
5	Neutral CONTROL
6	Ground CONTROL
7	120VAC POWER (COM)
8	Low Level Float Input (N.O.)
9	High Level Float Input (N.O.)
10	Pressure Switch (N.O.)
11	S1 Output (+24VAC)
12	S2 Output (+24VAC)
13	S3 Output (+24VAC)
14	S4 Output (+24VAC)
15	S5 Output (+24VAC)
16	S1-S5 Neutral
17	Remote Alarm Output 120V
18	Remote Alarm Neutral
19	Remote Alarm Ground

FL1F-H12HCC PLC INPUTS	
I1	RUN RETURN
I2	LOW LEVEL FLOAT SWITCH
I3	HIGH LEVEL FLOAT SWITCH
I4	PRESSURE SWITCH
I5	SILENCE ALARM
I6	PUMP IN AUTO

FL1F-H12HCC PLC OUTPUTS	
Q1	PUMP RUN
Q2	VALVE GROUP 1
Q3	VALVE GROUP 2
Q4	VALVE GROUP 3

FL1F-M0 PLC OUTPUTS	
O1	ALARM LIGHT
O2	AUDIBLE ALARM