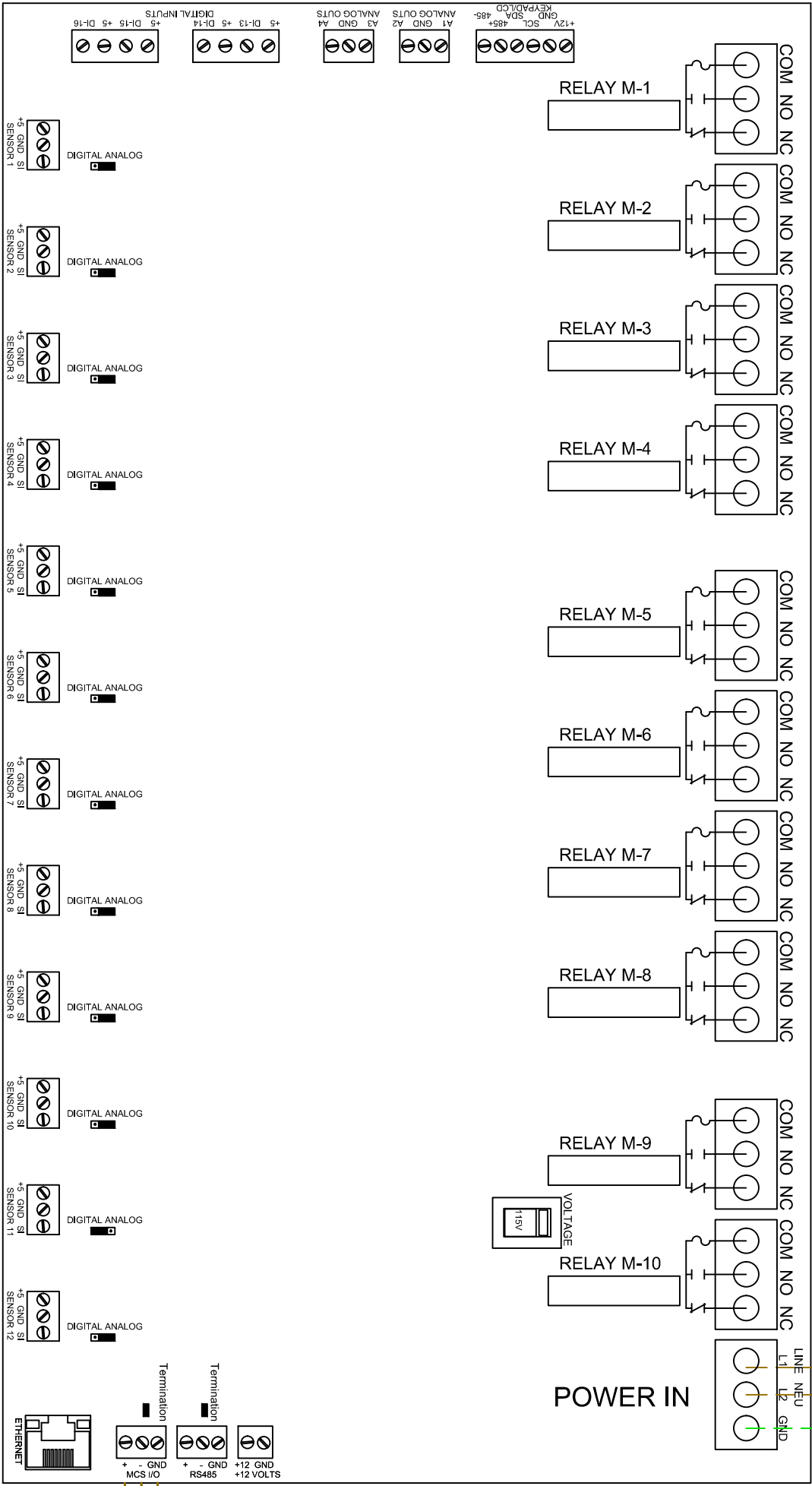


SENSOR M-13

SENSOR M-14

SENSOR M-15

SENSOR M-16



115/230vac - Line

115/230vac - Neutral

(Do not jumper grounds)

Communications to Next MCS Board in Address Sequence
(shield connected at this end only)

NOTES:

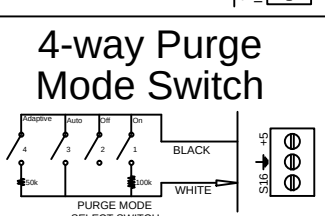
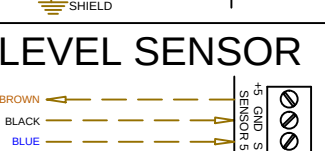
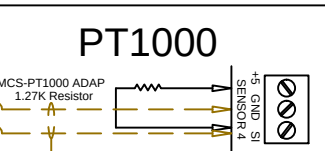
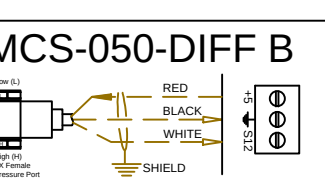
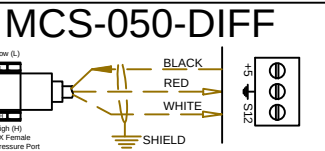
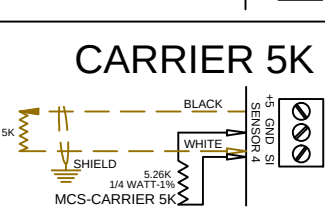
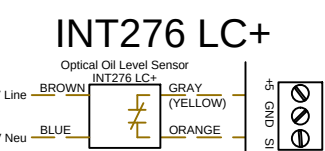
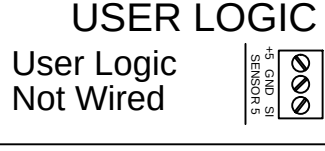
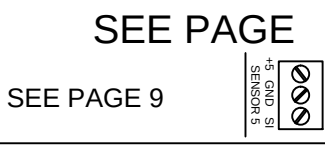
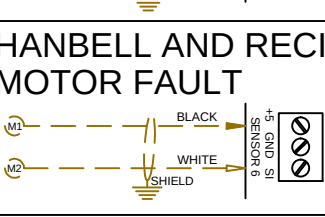
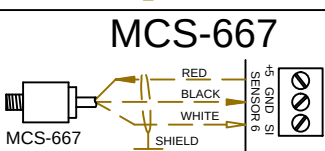
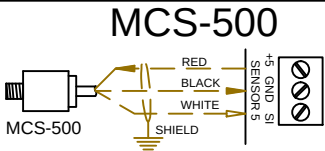
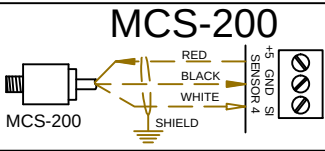
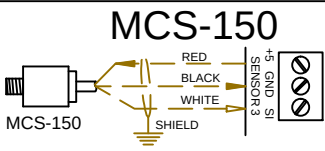
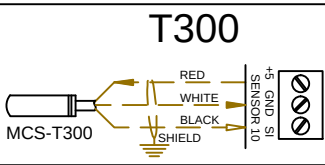
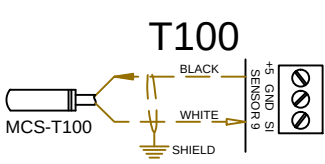
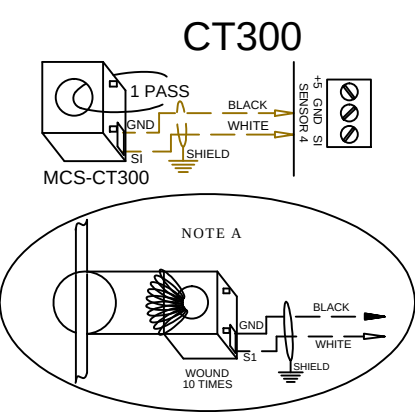
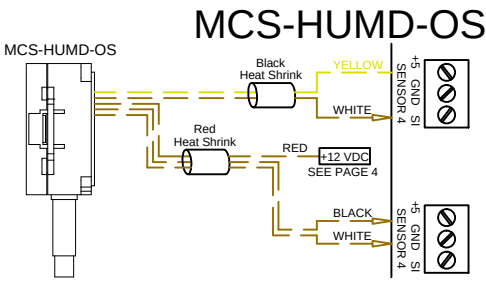
1. Sensors MUST use shielded cable and shield must not be broken. The shield must be connected to Chassis Ground only at the Sensor Input end.
2. All sensor inputs are 0 to 5vdc.
3. If BASE has an EXT installed, the EXT address is the BASE +1.
Example: MCS-IO-BASE Address = 1
MCS-IO-EXT Address = 2

4. Amp input sensors are field wired and must be shielded cable. They generate their own voltage and do not require 5vdc from the MCS unit.
5. Digital input sensors are field wired and must be shielded cable. The 5vdc is taken out from the sensor terminal and wired through the switch. The jumper must then be set to digital.

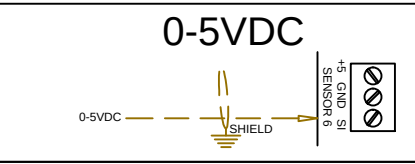
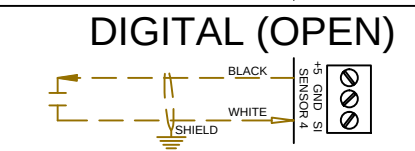
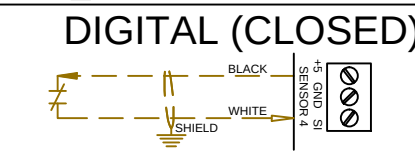
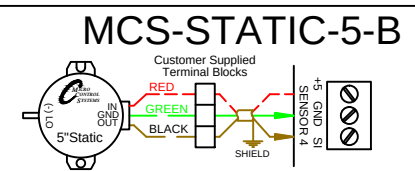
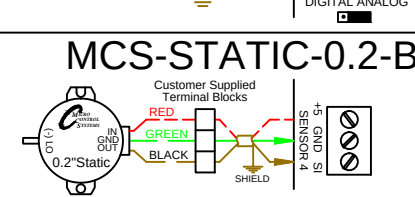
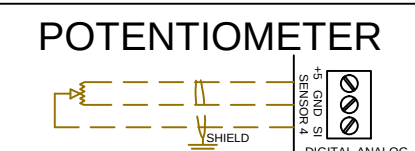
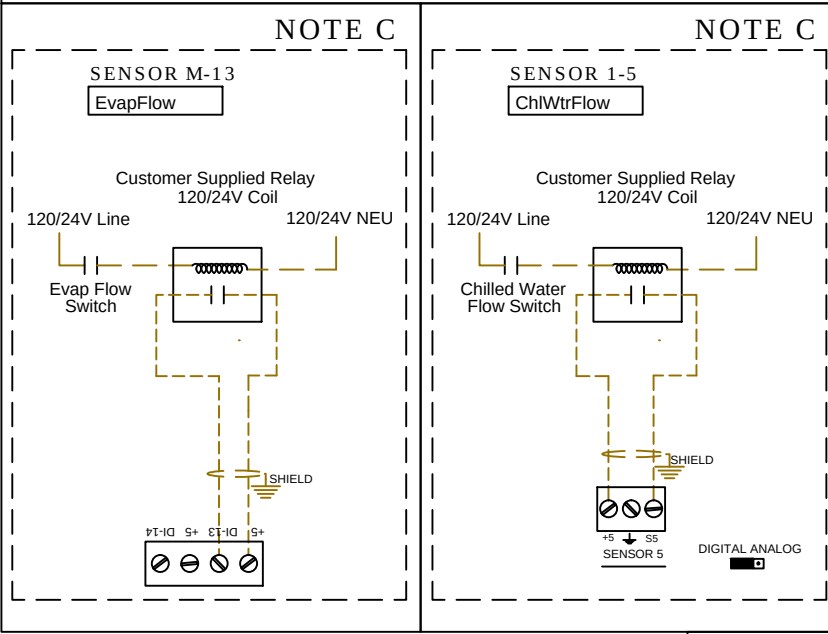
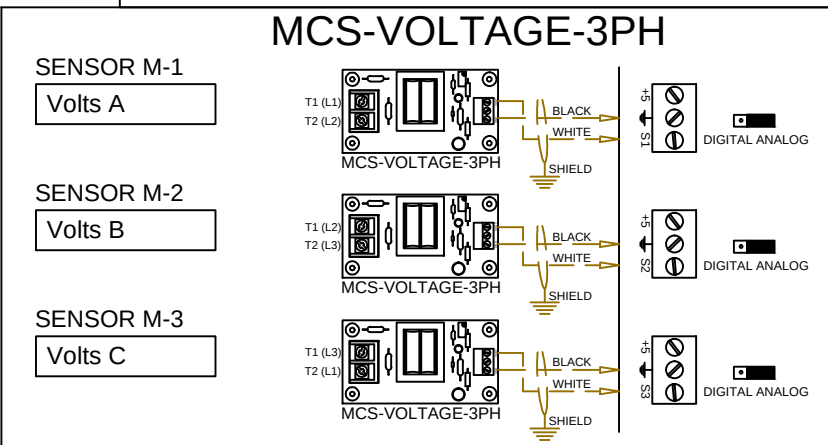
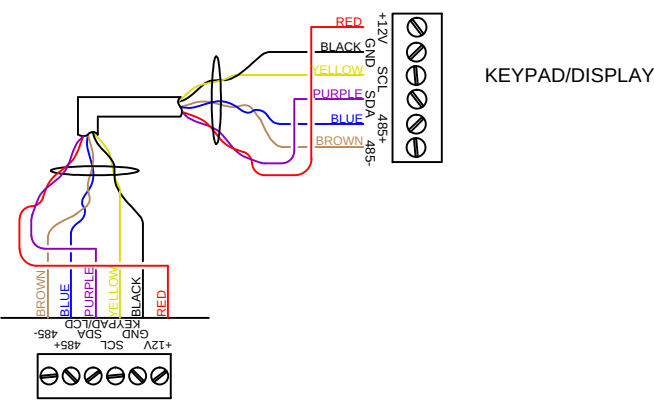
6. Factory wired: _____
Field wired: - - - - -
7. Digital Sensor Jumper : ☒ ☐
Analog Sensor Jumper : ☐ ☒

		Job Site Name	
SO# 000000		Customer Name	
Unit Type		Unit Type	
Drawing #		SO# - Drawing #	
Revision		1A	Date
CAD Tech		Name	Page #

MCS-MAGNUM & MCS-IO-BASE/EXT SENSORS

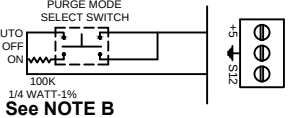


NOTE:
1. Drain shield must be cut at BOTH ends.

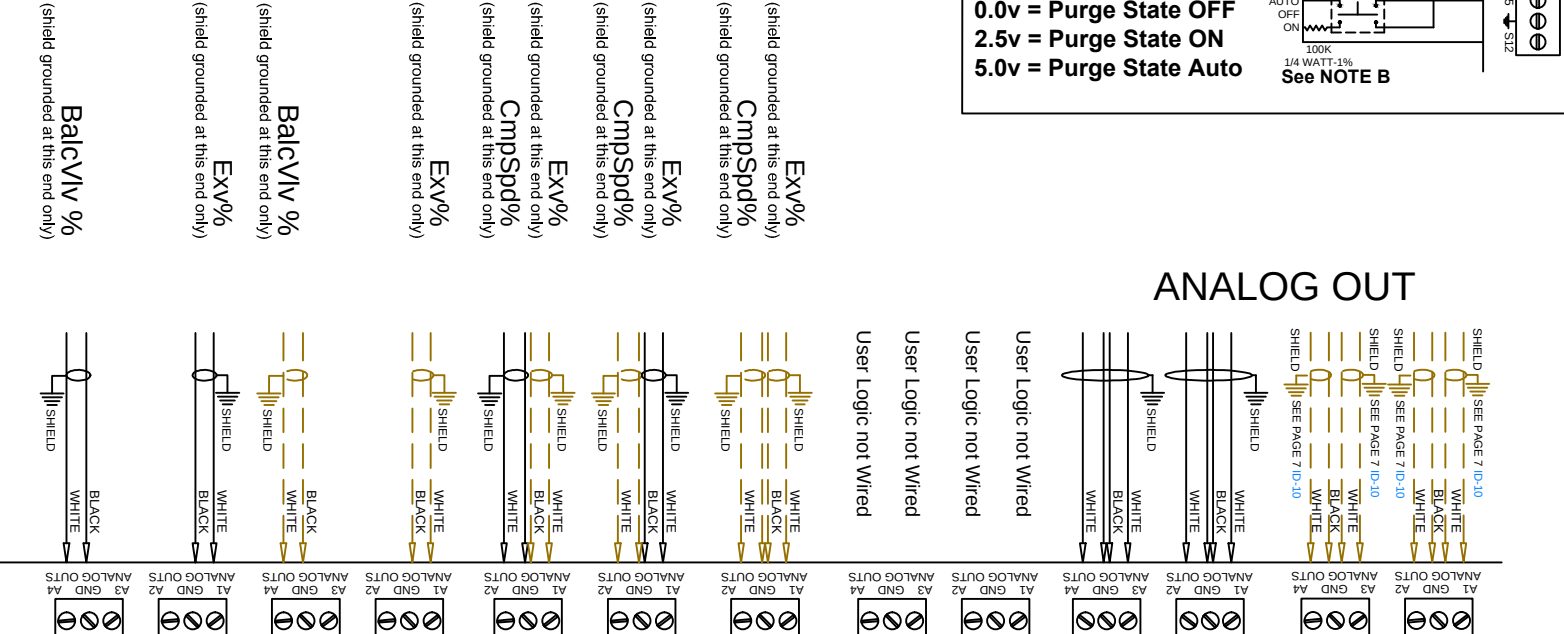


3-way Purge Mode Switch

NOTE B
0.0v = Purge State OFF
2.5v = Purge State ON
5.0v = Purge State Auto



ANALOG OUT



DIGITAL (CLOSED)

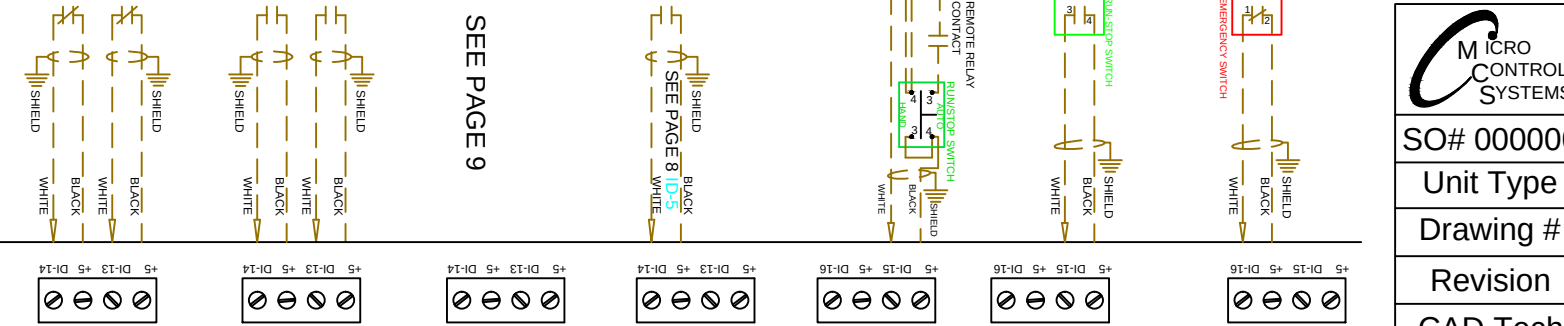
DIGITAL (OPEN)

SEE PAGE

Disable
SEE PAGE 7 ID-4

RUN/STOP SWITCHES

EMERGENCY SWITCH



	Job Site Name	
SO# 000000	Customer Name	
Unit Type	Unit Type	
Drawing #	SO# - Drawing #	
Revision	1A	Date
CAD Tech	Name	Page #