

100-240VAC

N

L1

FLOW TOOLS PANEL

ANY PORT ON NETWORK SWITCH

30

31

40

41

42

43

44

45

50

51

55

54

53

52

76

77

78

11

10

1

2

6

7

8

SHIELD

BLUE

WHITE

CONSOLE

LAN1 15" FLOW TOOLS TOUCH SCREEN

+

24 VDC

-

FEEDER PAUSE SW

FLOW TOOLS ENABLE SW

FEEDER PAUSED LT

6.8K OHMS

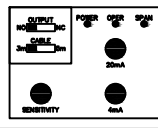
5K OHM POT

SHIELDED CABLE

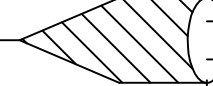
SHIELDED CABLE

HEIGHT SENSING SLED

SENSOR AMPLIFIER (22997)



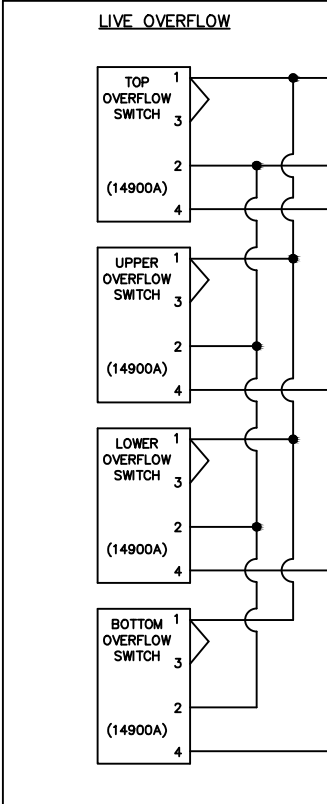
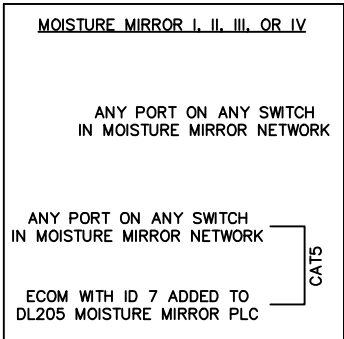
SLED HEIGHT SENSOR (22998)

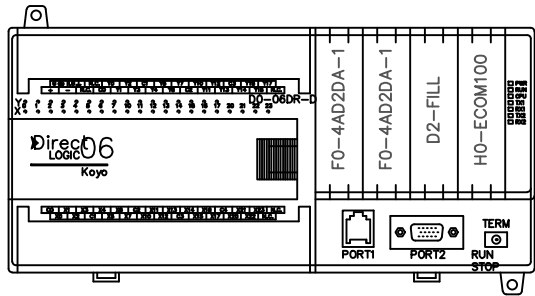
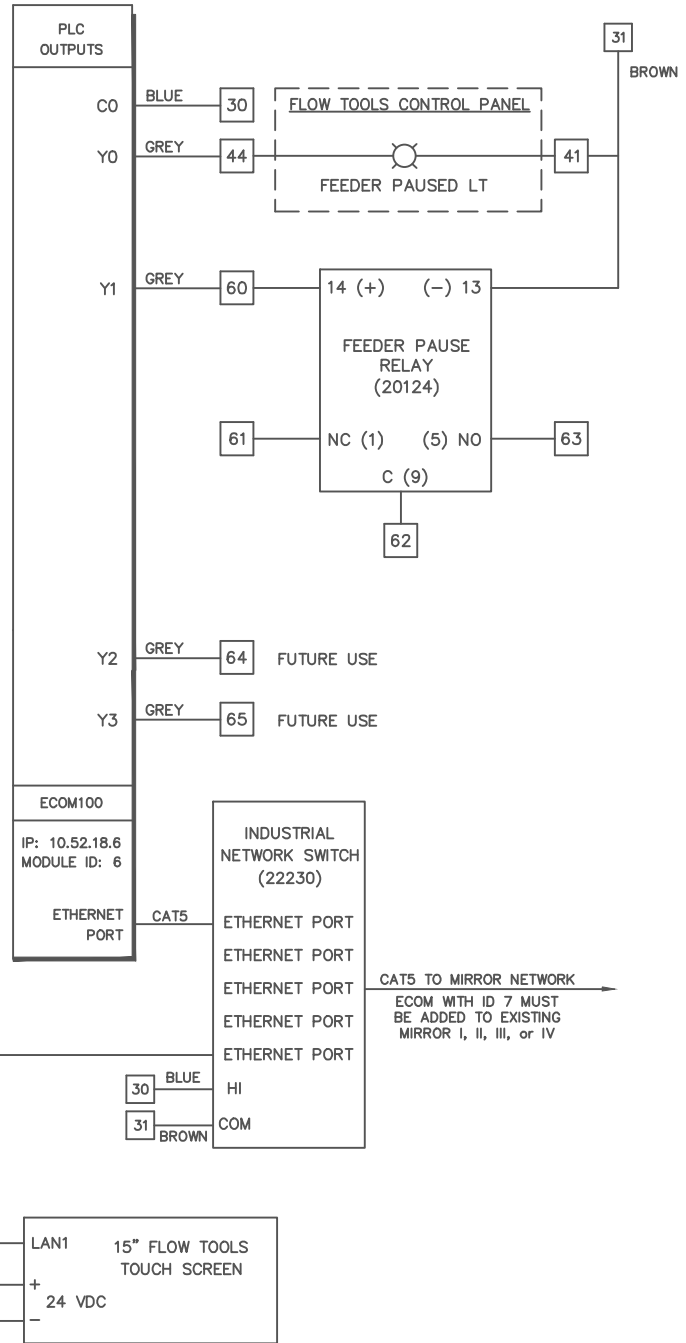
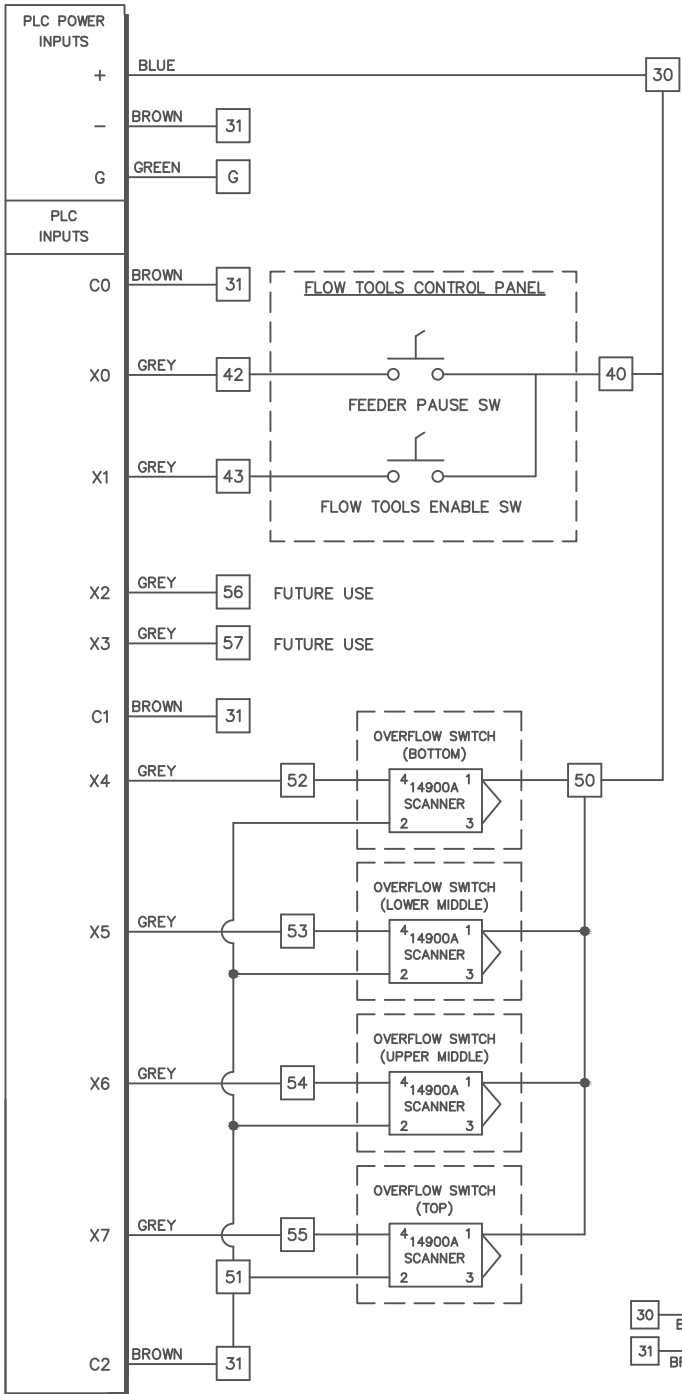
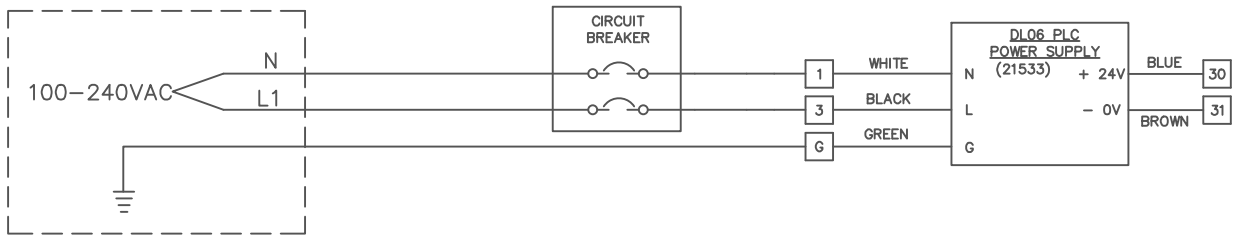


SAMUEL JACKSON, INC.

81890 FLOW TOOLS EXTERNAL ELECTRICAL CONNECTIONS

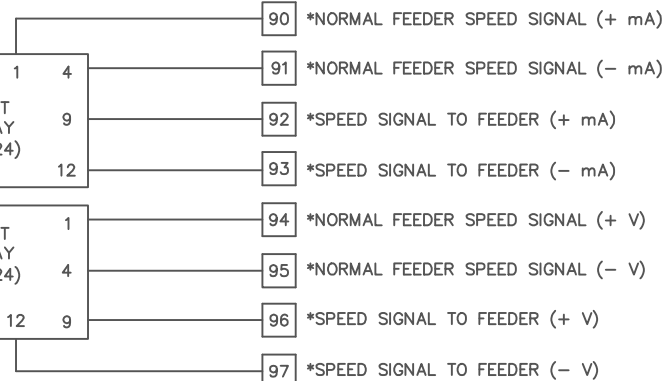
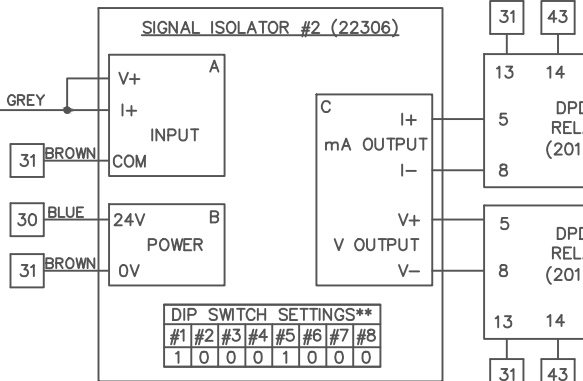
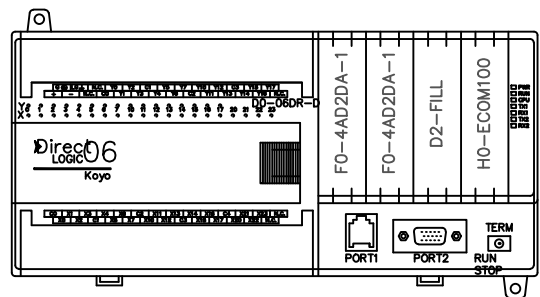
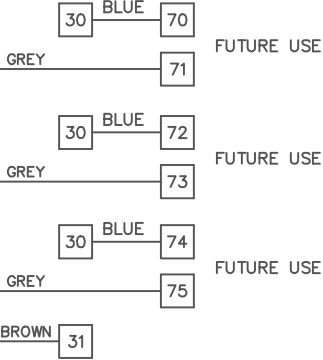
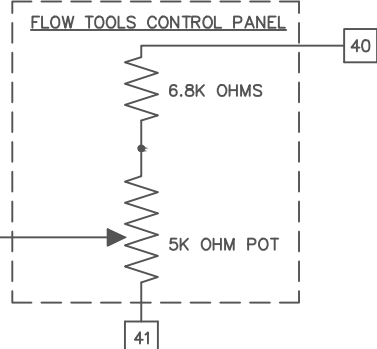
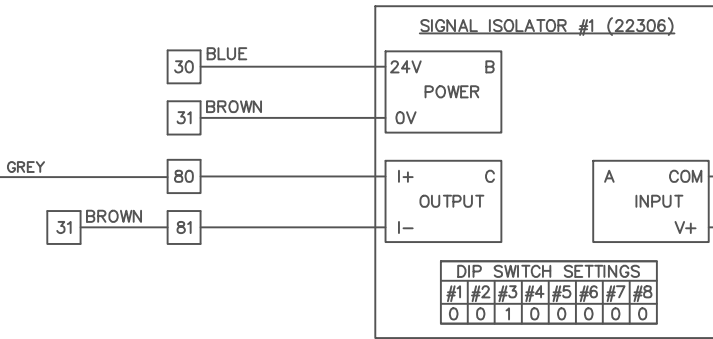
CA20300A 10-08





**SAMUEL JACKSON, INC.**  
 81890 FLOW TOOLS PLC WIRING DIAGRAM (DISCRETE I/O)  
 CA20301A  
 10-08

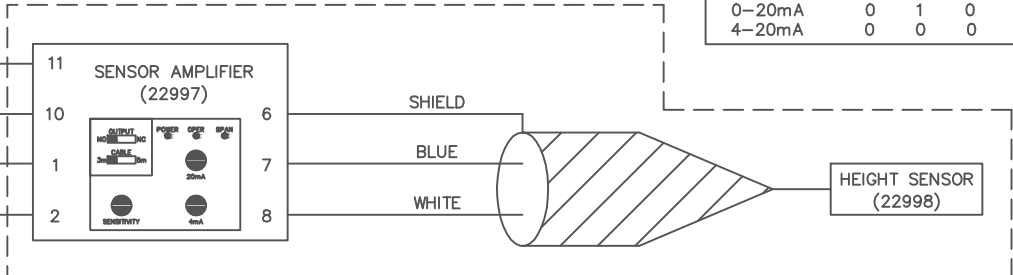
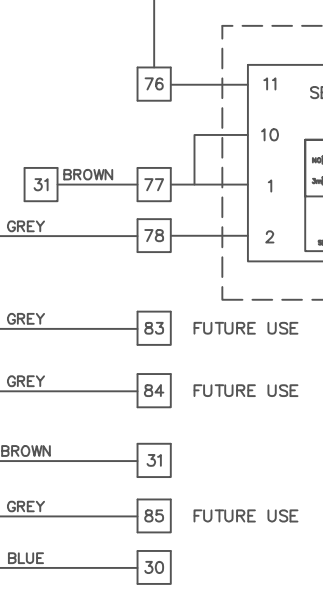
ANALOG #1  
4 IN / 2 OUT  
4-20mA CARD



\* SPEED SIGNAL TO MODULE FEEDER CONTROL MUST BE INTERCEPTED BY THE MIRROR III IF FLOW TOOLS ARE TO BE USED.  
IF ORIGINAL MODULE FEEDER SPEED SIGNAL IS 0-20mA OR 4-20mA USE TERMINALS 90-93.  
IF ORIGINAL MODULE FEEDER SPEED SIGNAL IS 0-10V OR 0-5V USE TERMINALS 94-97.

\*\* DIP SWITCHS 5-8 ON SIGNAL ISOLATOR #2 MUST BE SET ACCORDING TO ORIGINAL SPEED SIGNAL TYPE. USE THE FOLLOWING TABLE TO DETERMINE THE PROPER DIP SWITCH SETTINGS.

SIGNAL TYPE	SW5	SW6	SW7	SW8
0-5V	1	1	0	1
0-10V	1	0	0	0
0-20mA	0	1	0	0
4-20mA	0	0	0	0



SAMUEL JACKSON, INC.  
81890 FLOW TOOLS  
PLC WIRING DIAGRAM  
(ANALOG I/O)

CA20302A  
10-08