

This is the "data link" return ground plane wire. It is not an option, it is REQUIRED. Each data link in the system must have its own. Each must be terminated at both ends with ring terminals either soldered or gas tight crimped. One end of EACH must be attached to the MAIN CONTROL computer's power supply case screw and the other to EACH plant interface board's auxiliary ground terminal. Do not tie them together except at the computer power supply case screw.

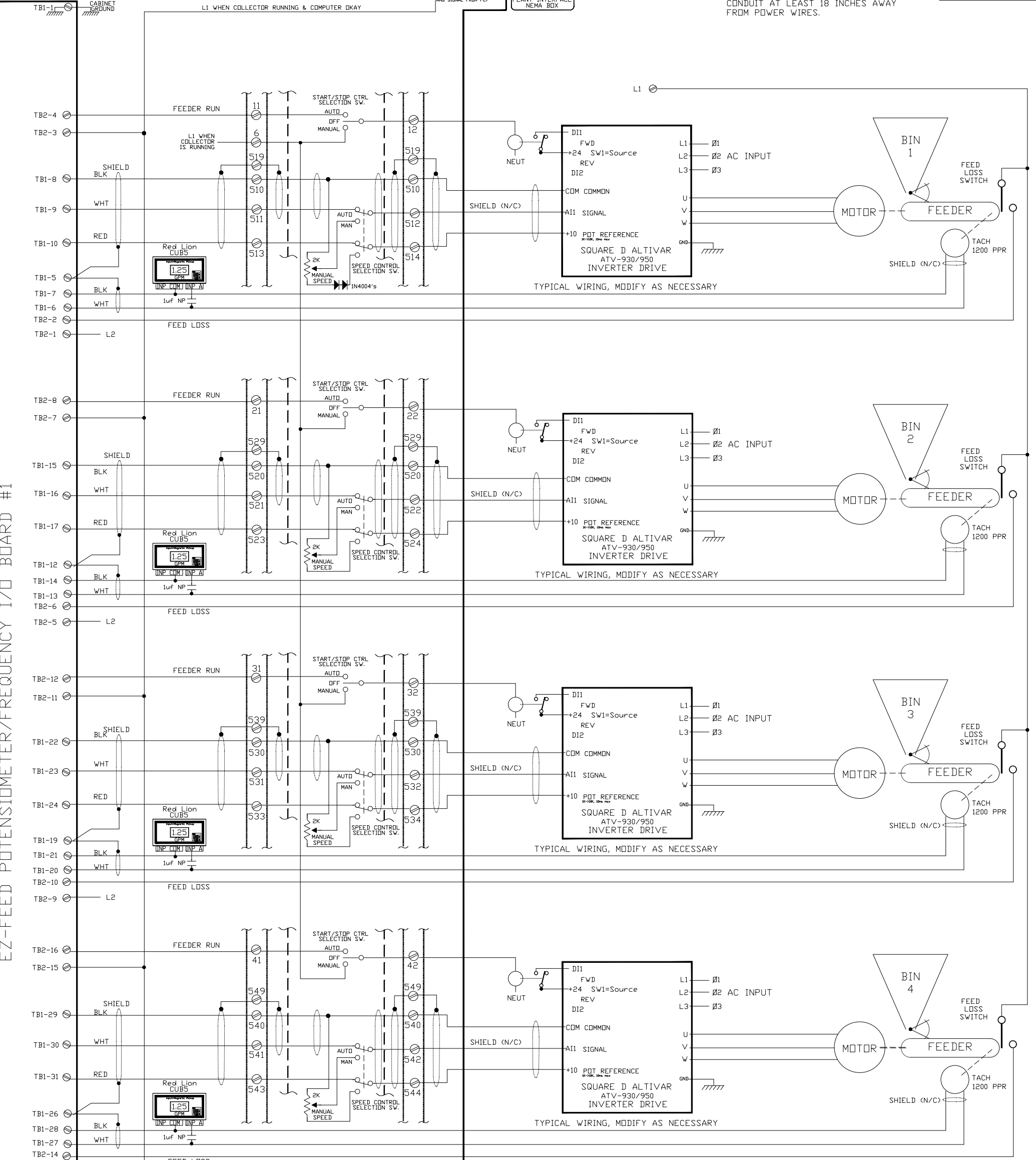
***** CAUTION *****
 SOME SHIELD WIRES ARE ELECTRICALLY "HOT" TO GROUND, IT IS THEREFORE NECESSARY TO INSULATE THE PIGTAILS

NOTE:
 USE 18ga SHIELDED CABLES BETWEEN DRIVES & EZ-FEED WHERE SHOWN. RUN THE SHIELDED CABLE IN SEPARATE CONDUIT AT LEAST 18 INCHES AWAY FROM POWER WIRES.

LIGHT INDUSTRIES
 CLARENDON (Tulsa), OK. 74017

EZ-BLEND/FIELD
 POT-SIM COLD FEED PCB FIELD WIRING TO
 Altivar 930/950 VFD's
 (CBINS 1-4) w/ B & S MANUAL PANEL

SCALE: 1 of 1 SHEET
 DATE: 04-10-19
 DRAWING NUMBER: D361-25-01
 REV: A

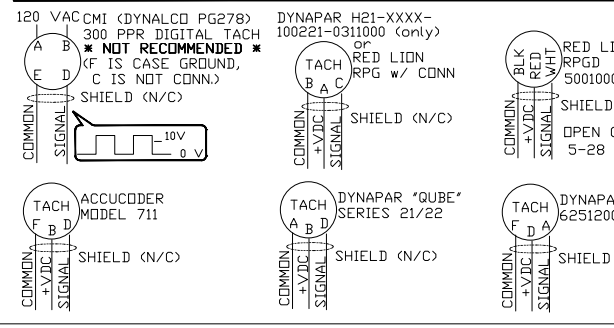


EZ-FEED POTENTIOMETER/FREQUENCY I/O BOARD #1

SINGLE CHANNEL SHAFT ENCODERS (USUALLY CURRENT SINK)
 (Most have MS3102E-14S-6P connectors, use MS3106A-14S-6S mating connectors)

| PIN | DYNALCO (CMI) PG278 | RED LION RFG's | DYNAPAR "GUBE" SERIES 21/22 | DYNAPAR 6251200010 | ACCUCODER MODEL 711 |
|-----|---------------------|----------------|-----------------------------|--------------------|---------------------|
| A | 120 VAC | PWR SOURCE | SIGNAL COMMON | SIGNAL OUT | POWER SOURCE |
| B | 120 VAC | COMMON | POWER SOURCE | COMMON | POWER SOURCE |
| C | NO CONNECTION | SIGNAL OUT | CASE GROUND | POWER SOURCE | SIGNAL OUT |
| D | SIGNAL OUTPUT | SIGNAL OUT | SIGNAL OUT | POWER SOURCE | SIGNAL OUT |
| E | SIGNAL COMMON | SIGNAL COMMON | SIGNAL COMMON | SIGNAL COMMON | SIGNAL COMMON |
| F | CASE GROUND | CASE GROUND | SUPPLY COMMON | SUPPLY COMMON | SUPPLY COMMON |

TAIL-SHAFT TACH's
 NOTE:
 RED LION DITAK-6 DIGITAL RPM DISPLAYS REQUIRE A ZENER DIODE (USUALLY 7V) IN SERIES WITH THEIR #2 INPUT WHEN USED WITH ANY ENCODERS THAT OUTPUTS OVER 5 V P-P SIGNAL.



ADDITIONAL EZ-BLEND OR FEED BOARDS AS REQUIRED

TO OTHER INTER-FACE BOARDS AS REQUIRED.