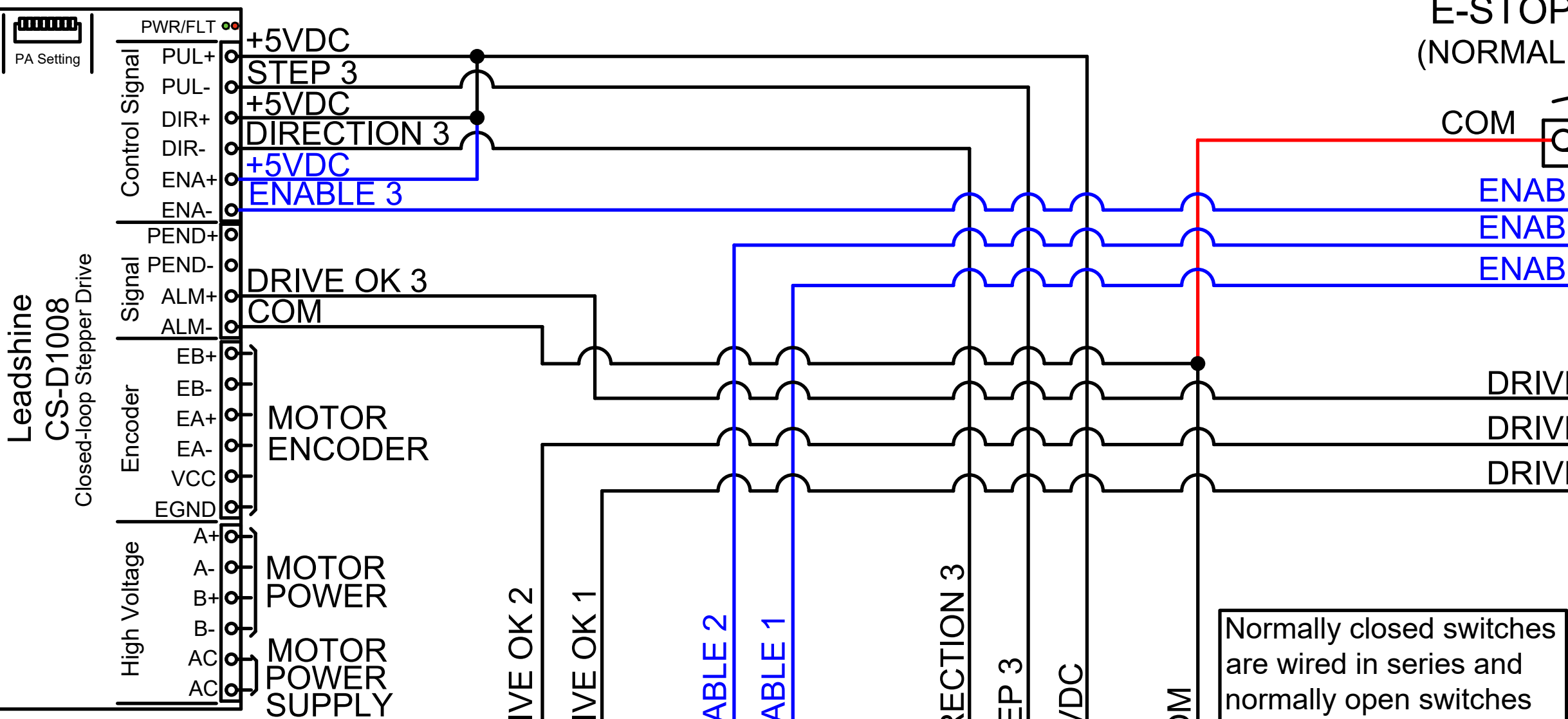
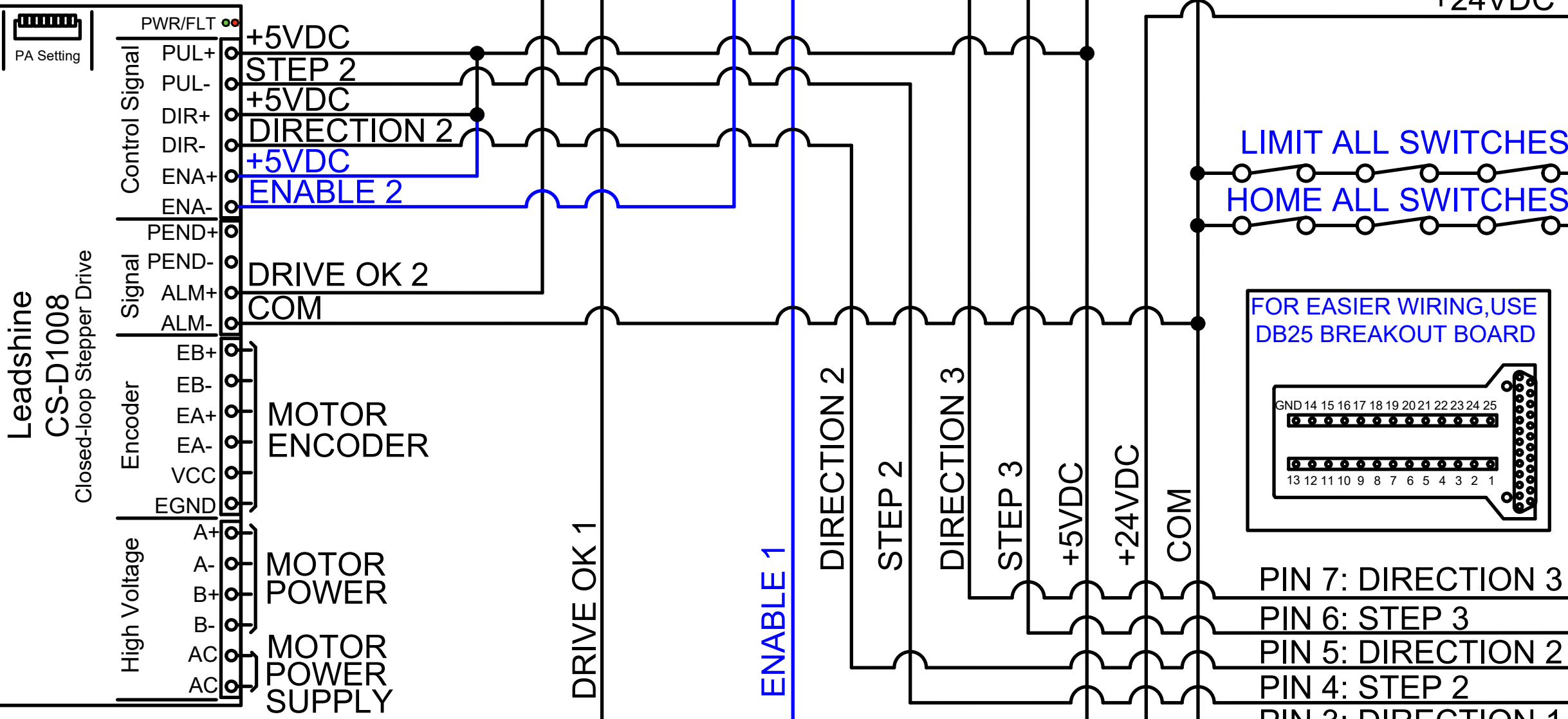


E-STOP CIRCUITS ARE RED  
OPTIONAL CONNECTIONS ARE BLUE  
GROUNDS ARE GREEN  
110VAC IS VIOLET

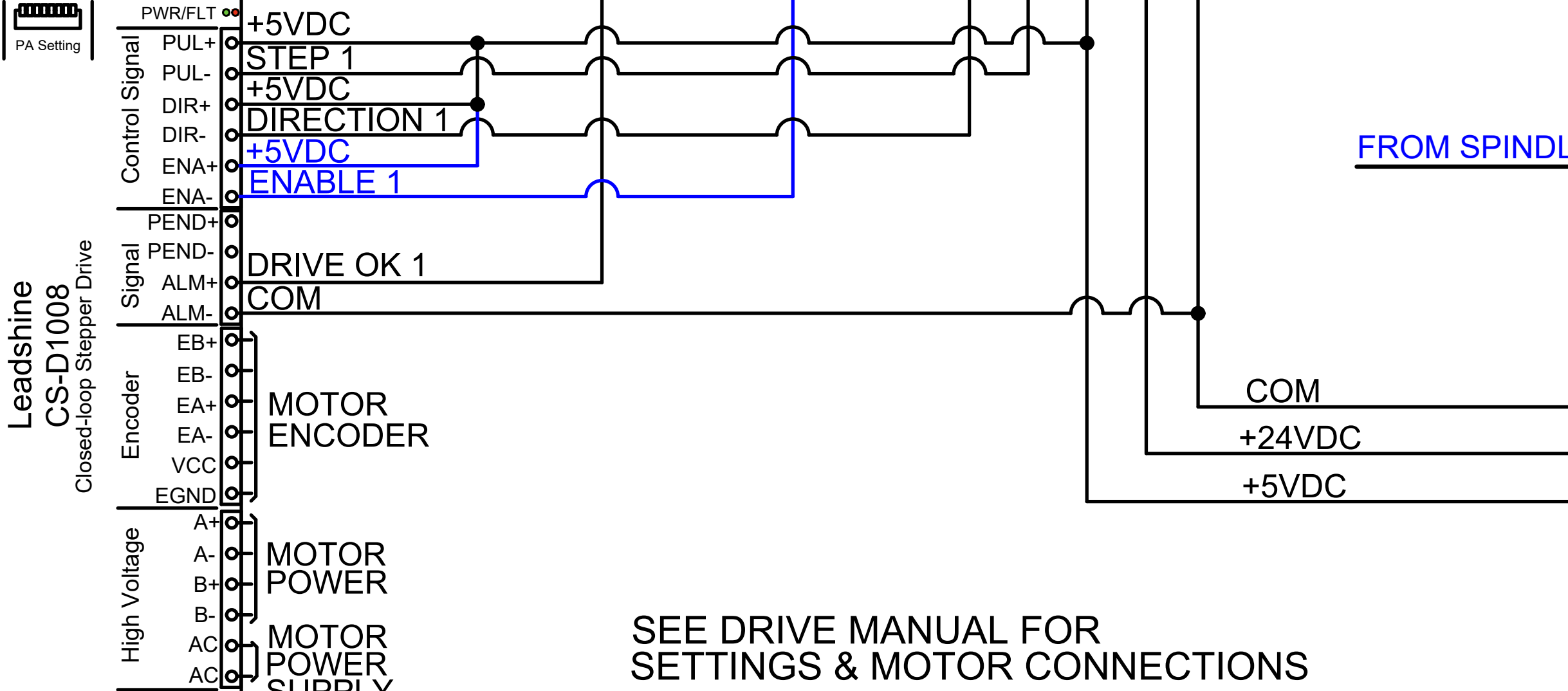
3RD DRIVE



2ND DRIVE



1ST DRIVE



E-STOP SWITCH  
E-STOP SWITCH  
(NORMALLY CLOSED)

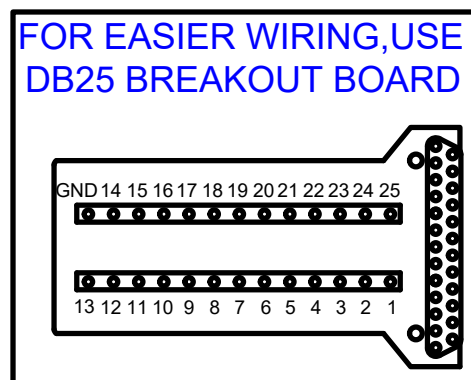
COM E-STOP SIGNAL

ENABLE 3  
ENABLE 2  
ENABLE 1

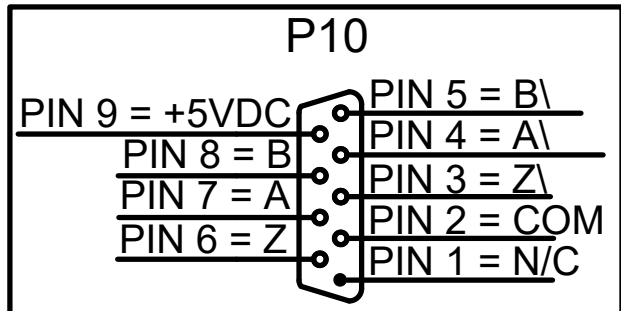
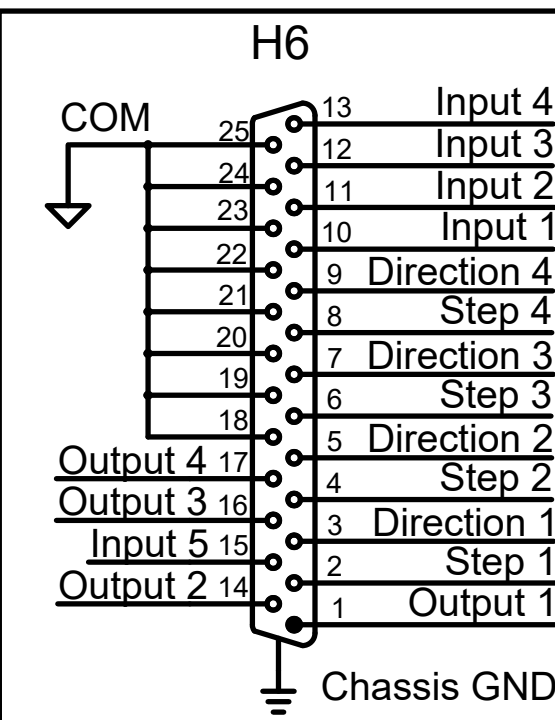
DRIVE OK 3  
DRIVE OK 2  
DRIVE OK 1

Normally closed switches  
are wired in series and  
normally open switches  
are wired in parallel when  
using Home All.

LIMIT ALL SWITCHES  
HOME ALL SWITCHES



PIN 7: DIRECTION 3  
PIN 6: STEP 3  
PIN 5: DIRECTION 2  
PIN 4: STEP 2  
PIN 3: DIRECTION 1  
PIN 2: STEP 1



Acorn CNC

PN:14445

FROM SPINDLE ENCODER

VFD/0-10VDC COM  
VFD/0-10VDC

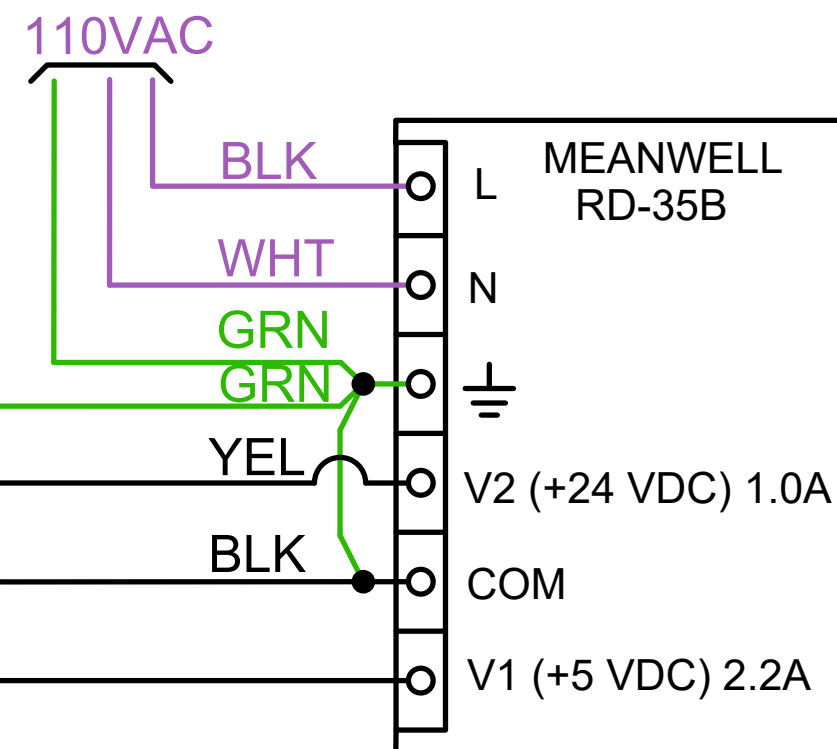
SHIELDED ETHERNET CABLE FROM PC

COM  
+24VDC  
+5VDC

COM  
+24VDC  
+5VDC

ETHERNET  
ACORN 190201

CHASSIS  
COM  
COM  
+24VDC  
+24VDC



SEE DRIVE MANUAL FOR  
SETTINGS & MOTOR CONNECTIONS

Title: ACORN\_rev4, MULTIPLE LEADSHINE CS-D1008 STEPPER DRIVES

Date: 210420

Ver: 3

Drawn by: CEM

Filename: S14974.DWG

Sheet 1 of 1

How to tell the difference between Acorn\_rev2, Acorn\_rev3 and Acorn\_rev4  
Acorn\_rev2 has FIXED green screw terminal blocks  
Acorn\_rev3 has REMOVABLE green screw terminal blocks  
Acorn\_rev4 has LED indicators for the Inputs and Outputs

| ACORN I/O | 1       | 2           | 3            | 4       |
|-----------|---------|-------------|--------------|---------|
| INPUTS    | HomeAll | LimitAll    |              |         |
| OUTPUTS   |         |             |              |         |
| ACORN I/O | 5       | 6           | 7            | 8       |
| INPUTS    | DriveOK | ProbeDetect | ProbeTripped | EStopOK |
| OUTPUTS   |         |             |              |         |