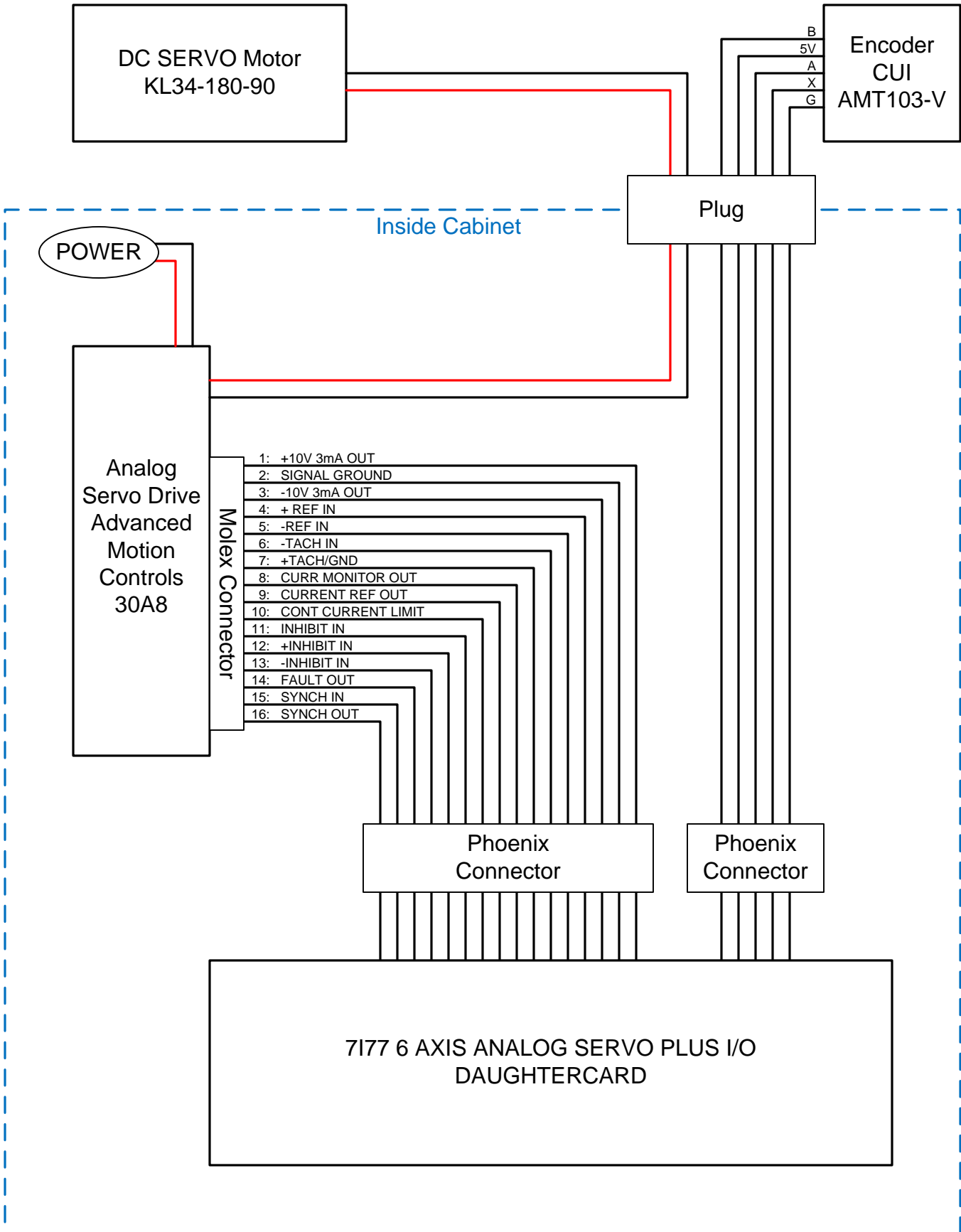
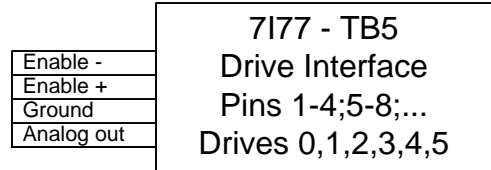
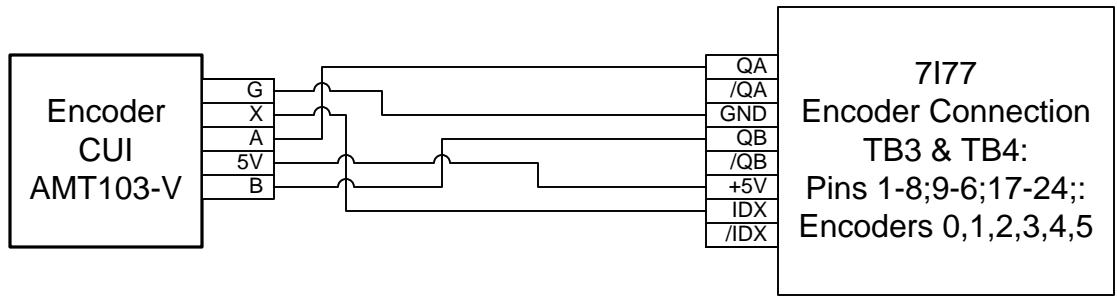


CNC Mill Wiring 001  
(only shows 1 of 3 axis)





**16pos Phoenix Connector (x3)**

1: +10V 3mA OUT
2: SIGNAL GROUND
3: -10V 3mA OUT
4: + REF IN
5: -REF IN
6: -TACH IN
7: +TACH/GND
8: CURR MONITOR OUT
9: CURRENT REF OUT
10: CONT CURRENT LIMIT
11: INHIBIT IN
12: +INHIBIT IN
13: -INHIBIT IN
14: FAULT OUT
15: SYNCH IN
16: SYNCH OUT

VFIELD: FIELD POWER 8-32V	<b>7177 – TB2 Field Power</b> Pins 1-8
VFIELD: FIELD POWER 8-32V	
VFIELD: FIELD POWER 8-32V	
VFIELD: FIELD POWER 8-32V	
VIN: FIELD I/O LOGIC PWR 8-32V	
NC:	
NC:	
Ground: VIN,VFIELD,COMMON	

GND: FROM 7177	<b>7177 – TB6 RS-422 Interface</b> Pins 1-8
GND: FROM 7177	
RX0: TO 7177	
/RX0: TO 7177	
TX0: FROM 7177	
/TX0: FROM 7177	
+5V: FROM 7177	
+5V: FROM 7177	

**TB8**

INPUT0
INPUT1
INPUT2
INPUT3
INPUT4
INPUT5
INPUT6
INPUT7
INPUT8
INPUT9
INPUT10
INPUT11
INPUT12
INPUT13
INPUT14
INPUT15
OUTPUT0
OUTPUT1
OUTPUT2
OUTPUT3
OUTPUT4
OUTPUT5
OUTPUT6
OUTPUT7

**TB7**

INPUT16
INPUT17
INPUT18
INPUT19
INPUT20
INPUT21
INPUT22
INPUT23
INPUT24
INPUT25
INPUT26
INPUT27
INPUT28
INPUT29
INPUT30
INPUT31
OUTPUT8
OUTPUT9
OUTPUT10
OUTPUT11
OUTPUT12
OUTPUT13
OUTPUT14
OUTPUT15

**7177 – TB7 & TB8 Field Input and Output**  
TB8: Inputs 0-15 & Outputs 0-7  
TB8: Inputs 16-32 & Outputs 8-15