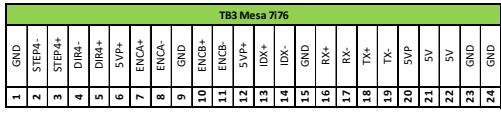
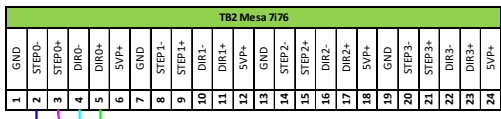
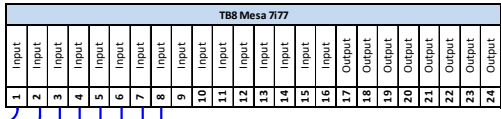
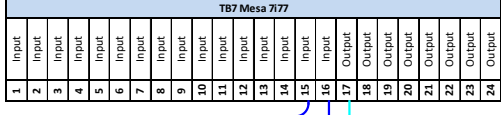
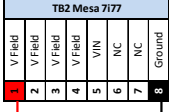
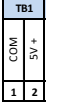
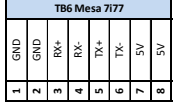
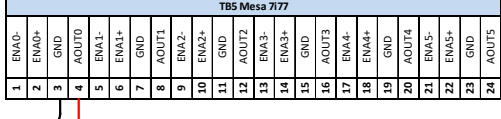
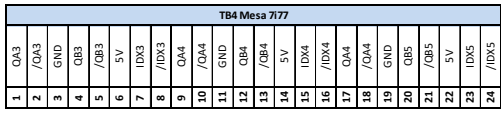
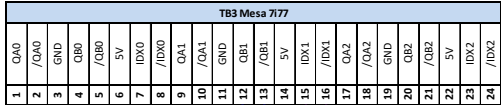


Spindle Servo Drive CN3		
Function	Name	Pin
A Phase Encoder Feedback Output	OA+	9
	OA-	18
B Phase Encoder Feedback Output	OB+	17
	OB-	8
Z Phase Encoder Feedback Output	OZ+	7
	OZ-	16
	0V	25
	5V	26
	Shield GND	E

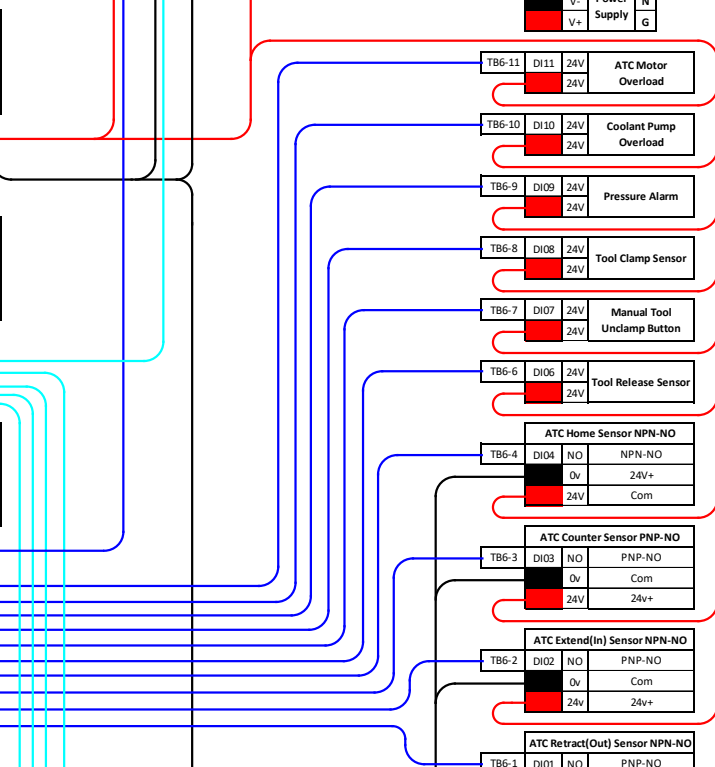
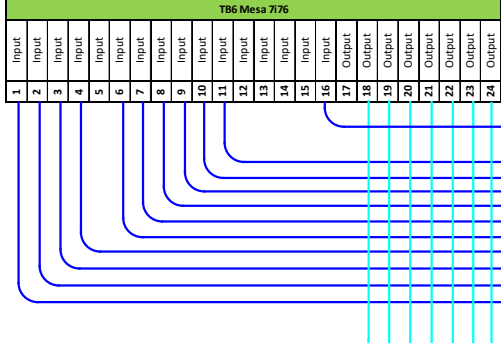
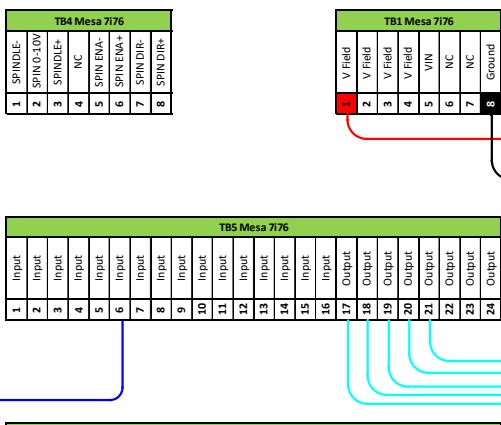
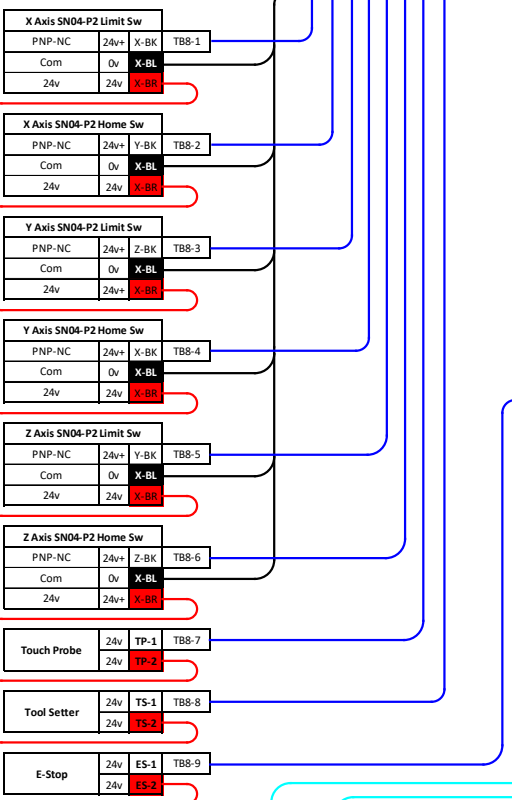
Spindle Servo Drive CN1 all to 7177		
Function	Name	Pin
Alarm Ready Relay Output	ERA	1
C Axis Ready Relay Output	M1C	2
Relay Output	M1B	3
Speed in Position Digital Output	O3P	4
Zero Stop in Position Digital Output	O2N	5
Servo Ready Output Digital Output	OON	6
Digital Input Correct Stop	I2	7
Digital Input Rigid Tapping	I3	8
Digital Input Position Mode	I4	9
Digital Input Scram/Zero Speed	I5	10
Digital Input Swing	I6	11
Connect +24v = NPN or COM = PNP	SEL	12
Analog +/- 10v Input	A0	14
Analog 0-10V Input	A1	15
Alarm Relay Output	ERC	17
Alarm Relay Output	E	18
Relay Output	M1A	17
Speed in Position	O3N	20
Correct Stop in Position	O1N	21
Digital Input CW	I0	22
Digital Input CCW	I1	23
Digital Input Jog	I8	24
Digital Input 2nd Correct Stop	I9	25
Digital Input Fault Reset	I7	26
Analog Ground	GND	29
12v Analog Power	12V	30
Correct Stop in Position Relay Output	MOC	31
Relay Output	M0A	32
Relay Output	M0B	33
Zero Stop in Position Digital Output	O2P	34
Correct Stop in Postn Digital Output	O1P	35
Servo Ready Digital Output	OOP	36
From 24v power supply	Z	37
From 24v power supply	COM	40
Shield Gnd	E	45



Pin	Name	Function
TB2-1	1	APULSE+
TB2-2	2	APULSE-
TB2-3	3	ASIGN+
TB2-4	4	ASIGN-
TB2-5	5	AV-REF
TB2-6	6	GND
TB1-7	7	OUT1+
TB5-16	8	OUT1-
TB2-9	9	OUT2+
TB2-10	10	OUT2-
TB2-11	11	OUT3+
TB2-12	12	OUT3-
Field	13	DICOM
TB5-21	14	IN1
TB3-9	15	IN2
TB3-10	16	IN3
TB3-12	17	IN4
TB3-15	18	AT-REF
TB3-16	19	APAO+
TB3-17	20	APAO-
TB3-22	21	APBO+
TB3-23	22	APBP-
TB3-24	23	APCO+
TB3-25	24	APCO-
TB3-26	25	GND

5v Power to 7176, 7177 will power 7176 & 7177

V-	5v	L
V+	Power Supply	N
V-		G



305 24Vac to 220Vac Transf

L1	24Vac	220Vac
L2	0	0
L3	0	0
G	0	0

