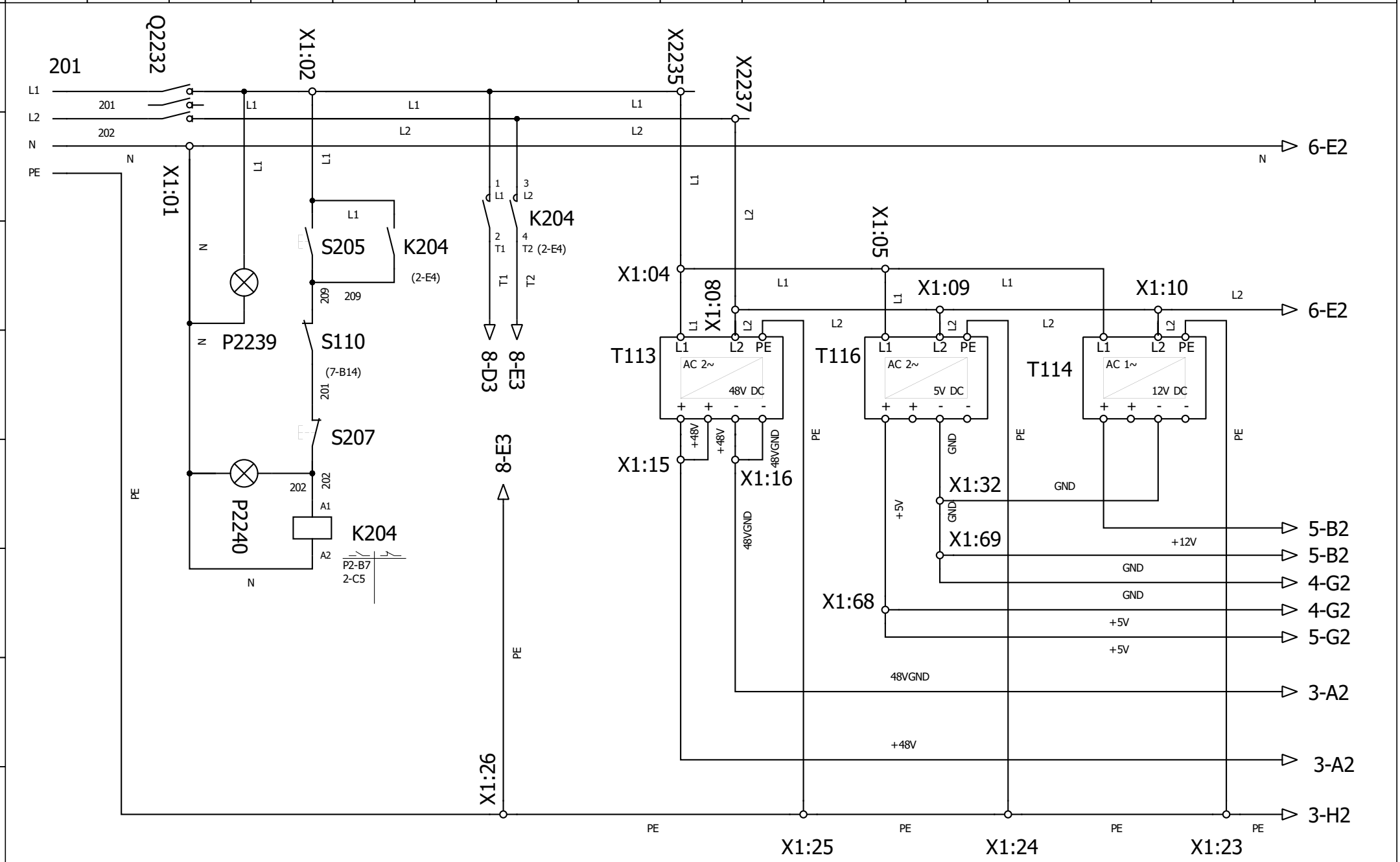
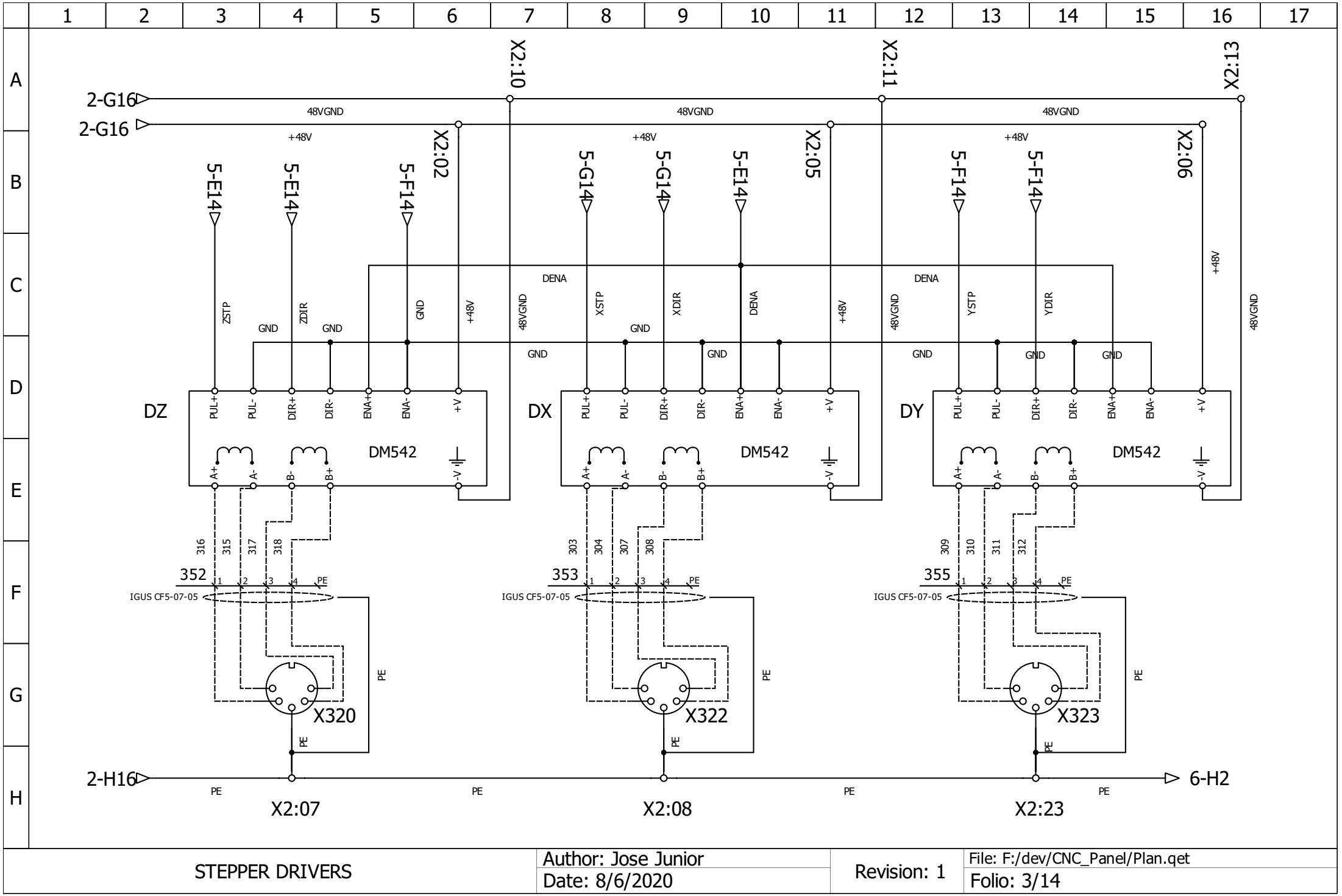
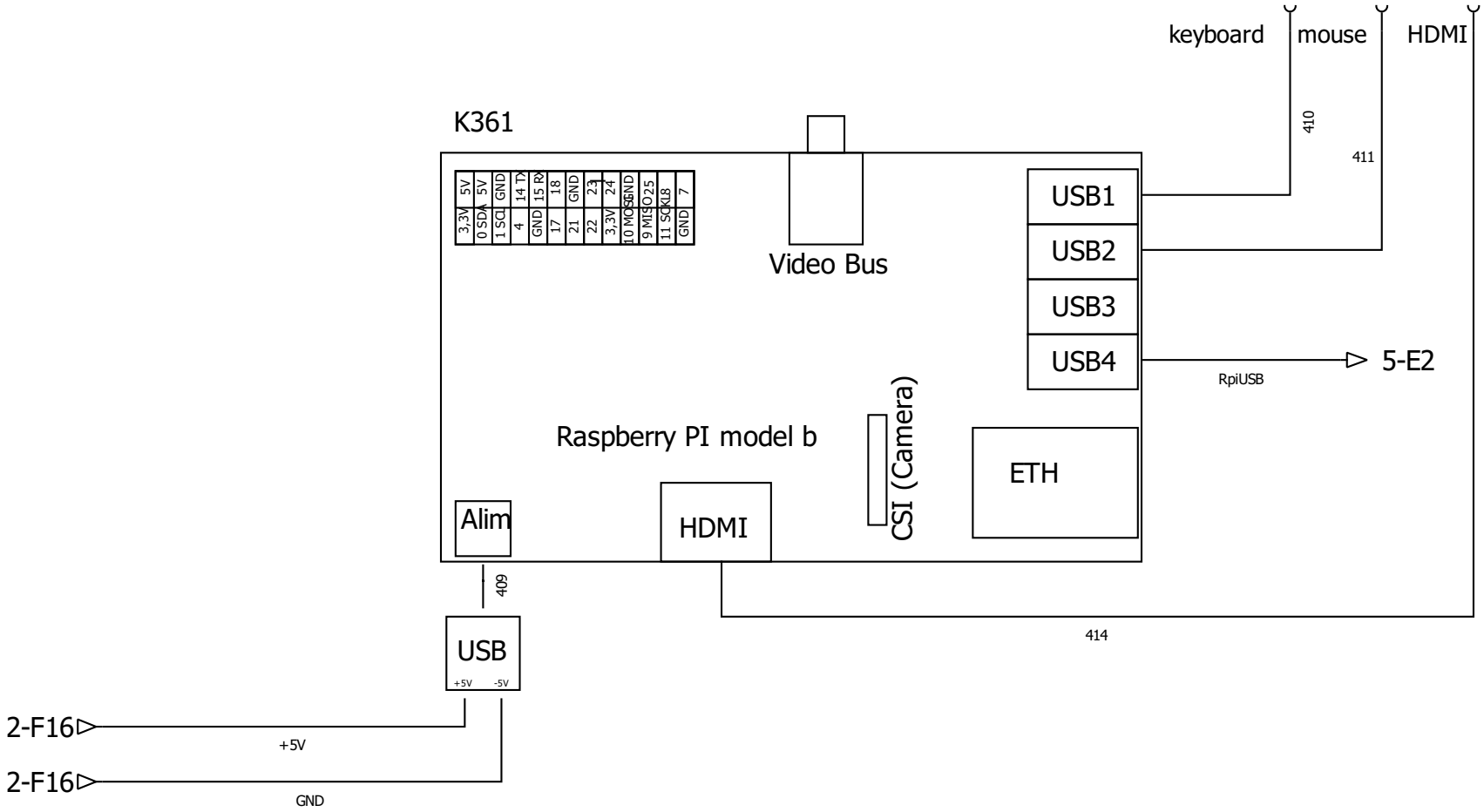
Title	Author	Folio	Location	Revision index
SUMMARY	Jose Junior	1/14	-	1
POWER	Jose Junior	2/14	Main Panel	4
STEPPER DRIVERS	Jose Junior	3/14	Main Panel	1
RASPBERRY PI	Jose Junior	4/14	Main Panel	1
BREAKOUT BOARD	Jose Junior	5/14	Main Panel	1
RELAY BOARD	Jose Junior	6/14	Main Panel	1
LIMIT SWITCHES / BUTTONS	Jose Junior	7/14	Main Panel	3
SPINDLE CONTROL	Jose Junior	8/14	Main Panel	4
TERMINAL BLOCKS	Jose Junior	9/14	Main Panel	1
MAIN PANEL	Jose Junior	10/14	Main Panel	1
SPINDLE PANEL	Jose Junior	11/14	Spindle Panel	1
PANEL DOOR	Jose Junior	12/14	Main Panel	1
COMPONENTS	Jose Junior	13/14	-	1
COMPONENTS	Jose Junior	14/14	-	1



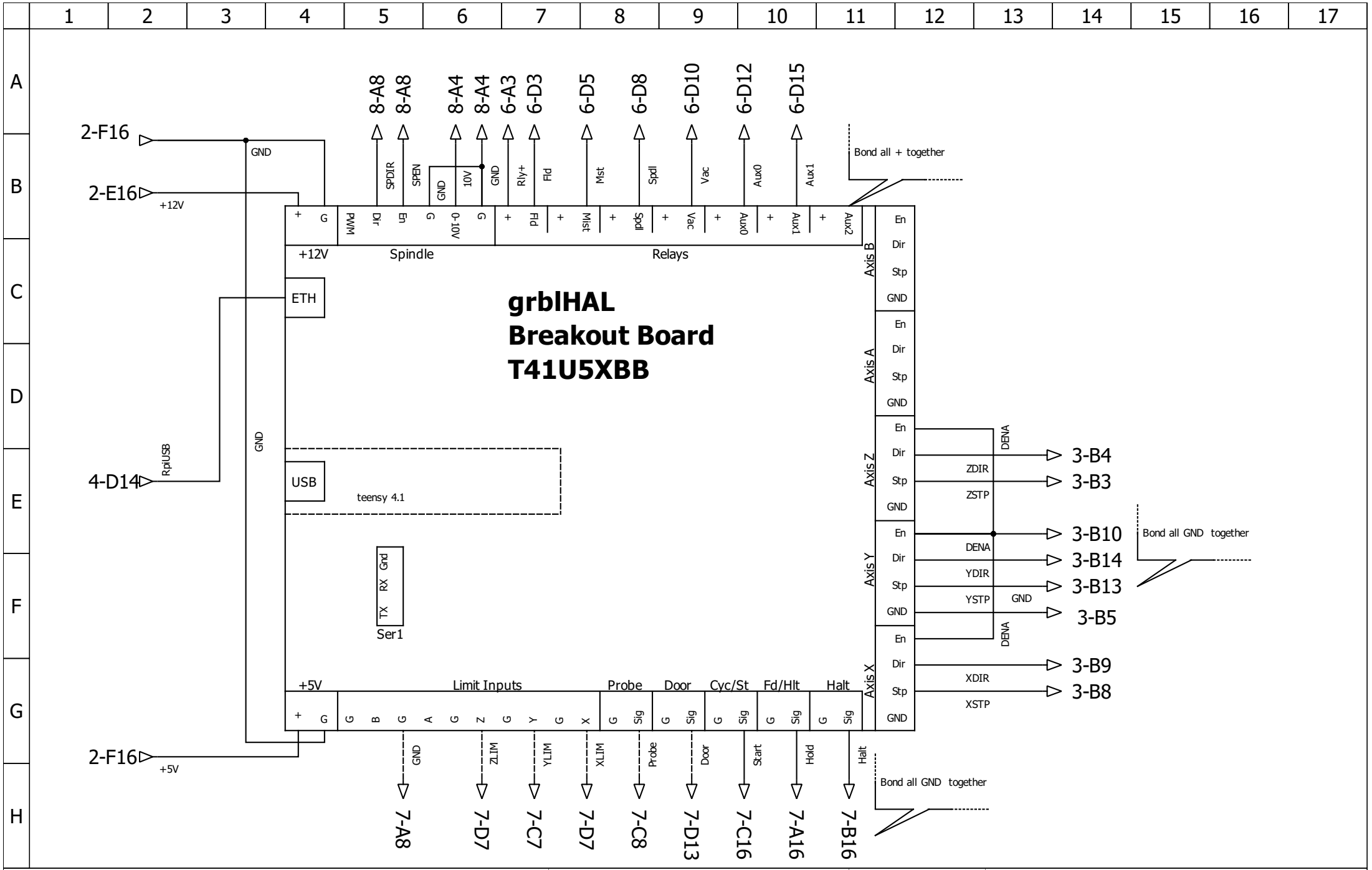
POWER	Author: Jose Junior Date: 8/6/2020	Revision: 4	File: F:/dev/CNC_Panel/Plan.qet Folio: 2/14



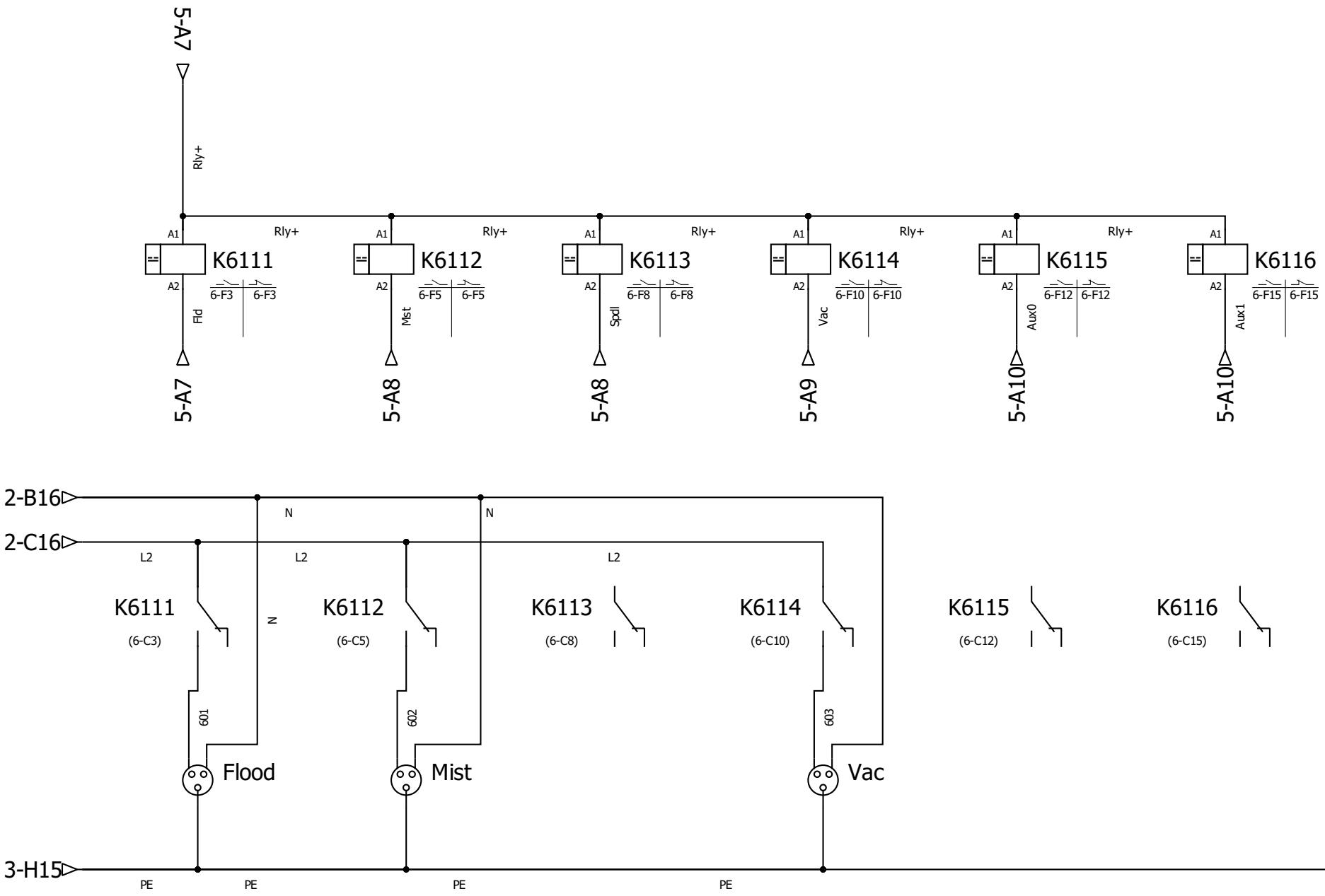
STEPPER DRIVERS	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 3/14



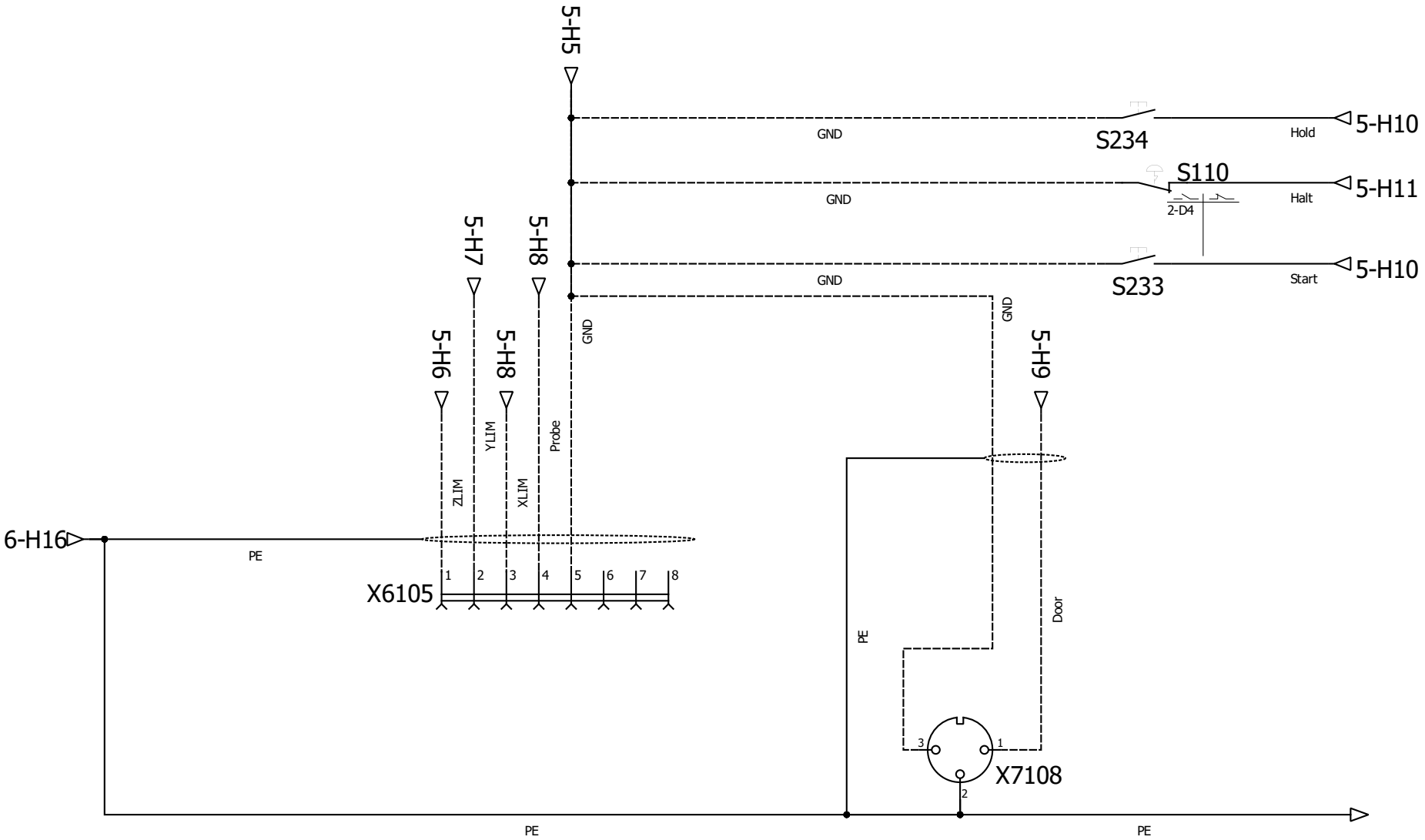
RASPBERRY PI	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 4/14



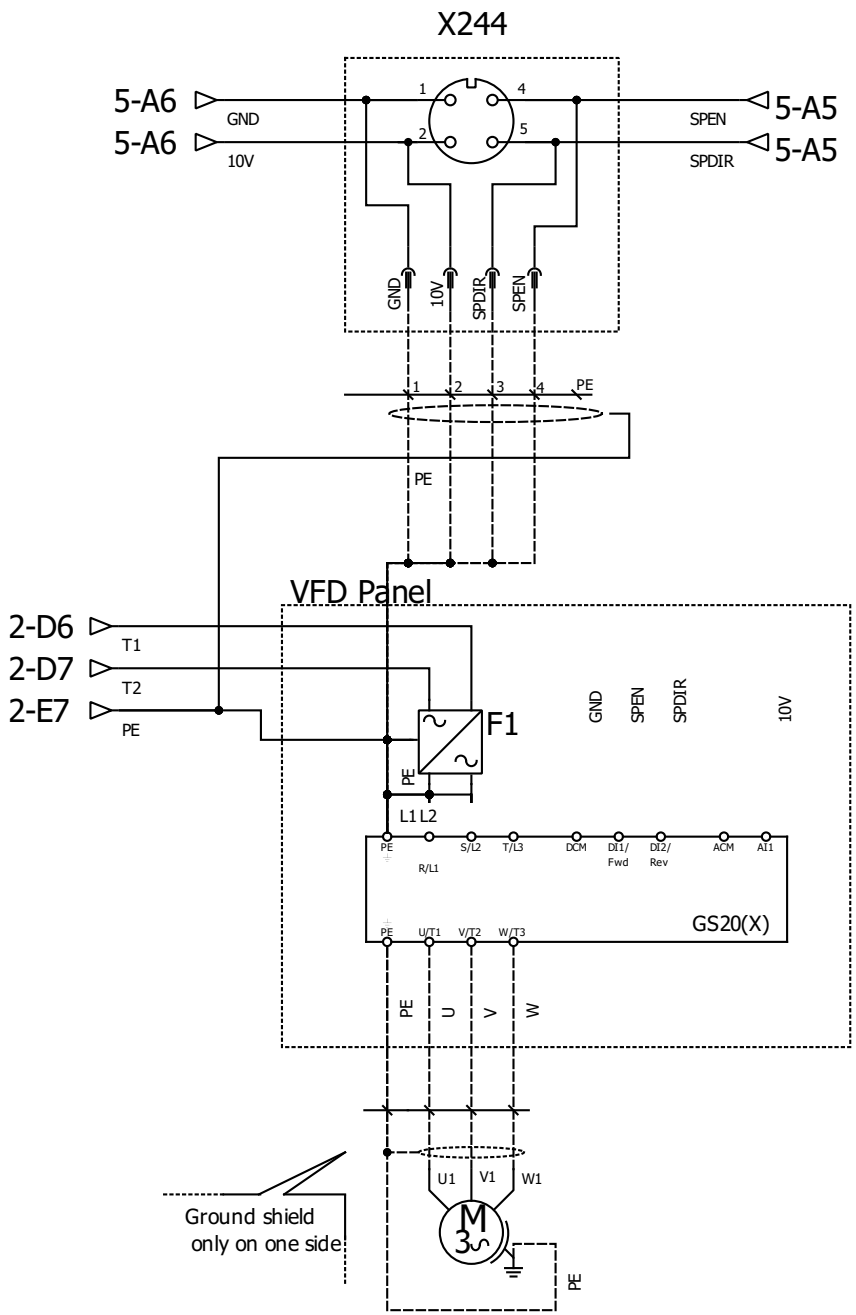
BREAKOUT BOARD	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 5/14



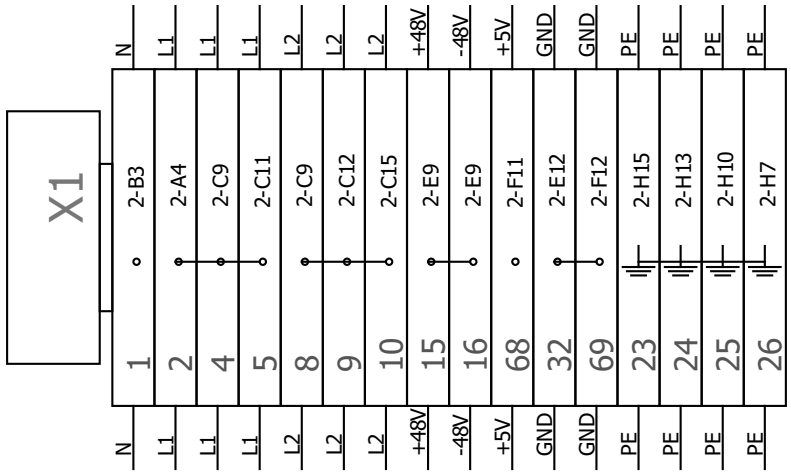
RELAY BOARD	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 6/14

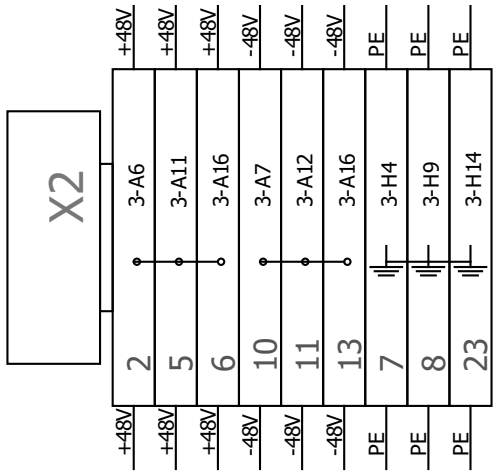


LIMIT SWITCHES / BUTTONS	Author: Jose Junior Date: 8/6/2020	Revision: 3	File: F:/dev/CNC_Panel/Plan.qet Folio: 7/14

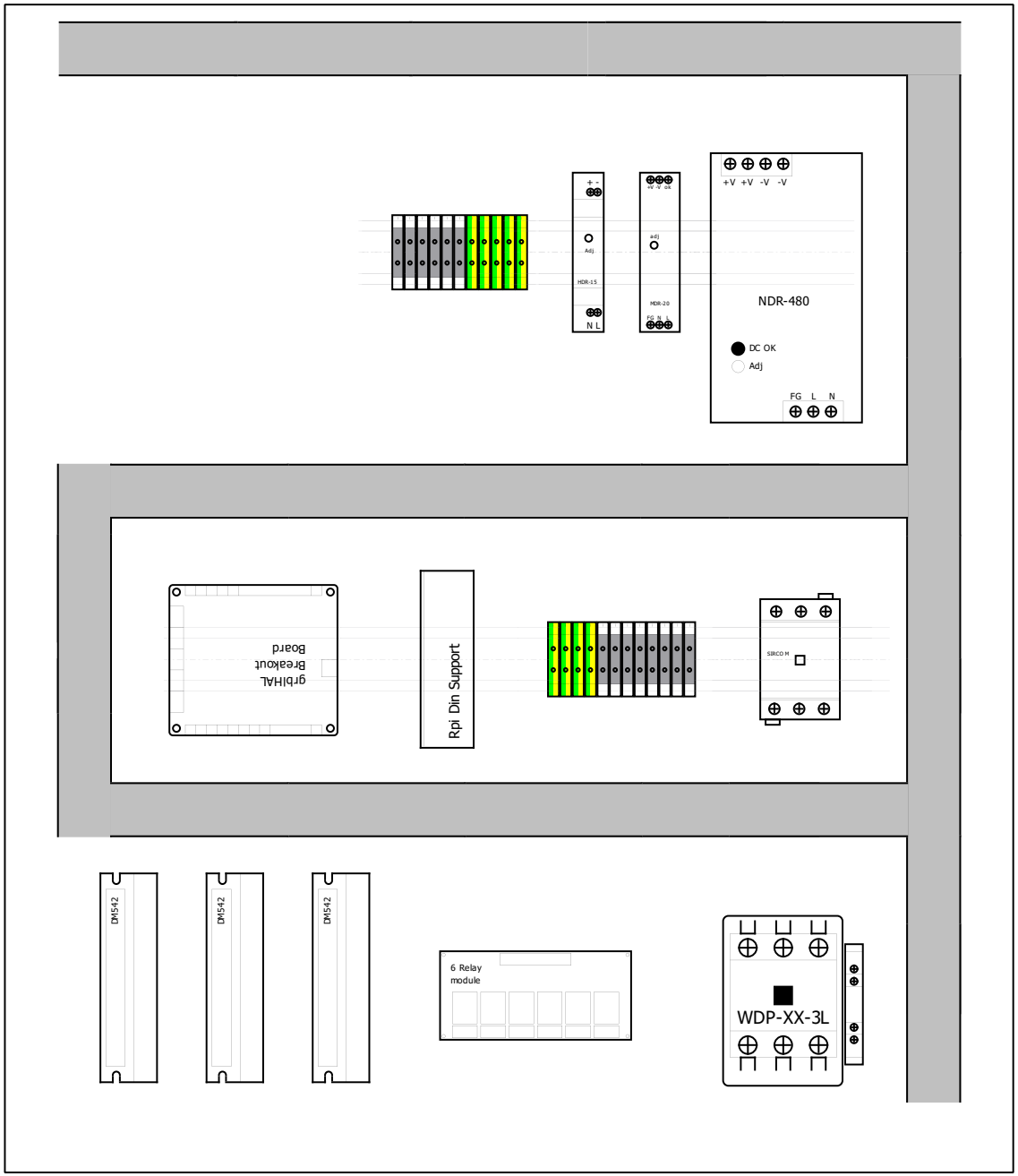


SPINDLE CONTROL	Author: Jose Junior Date: 8/6/2020	Revision: 4	File: F:/dev/CNC_Panel/Plan.qet Folio: 8/14

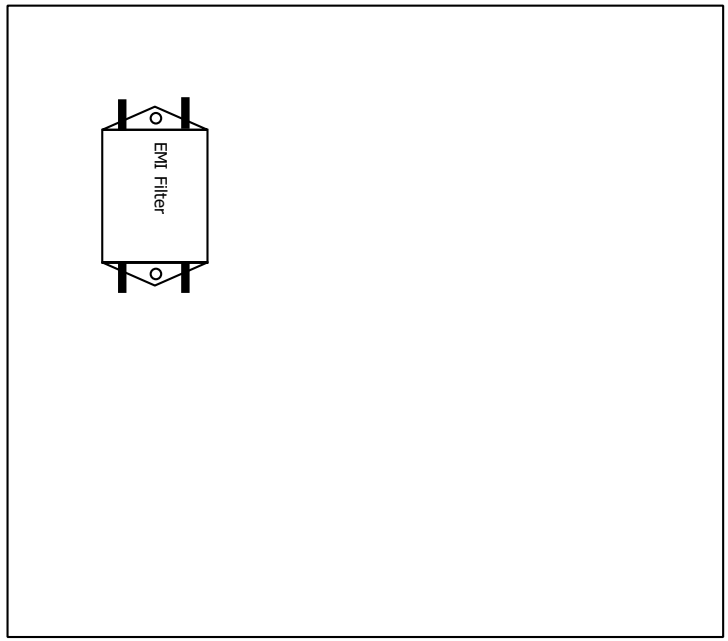




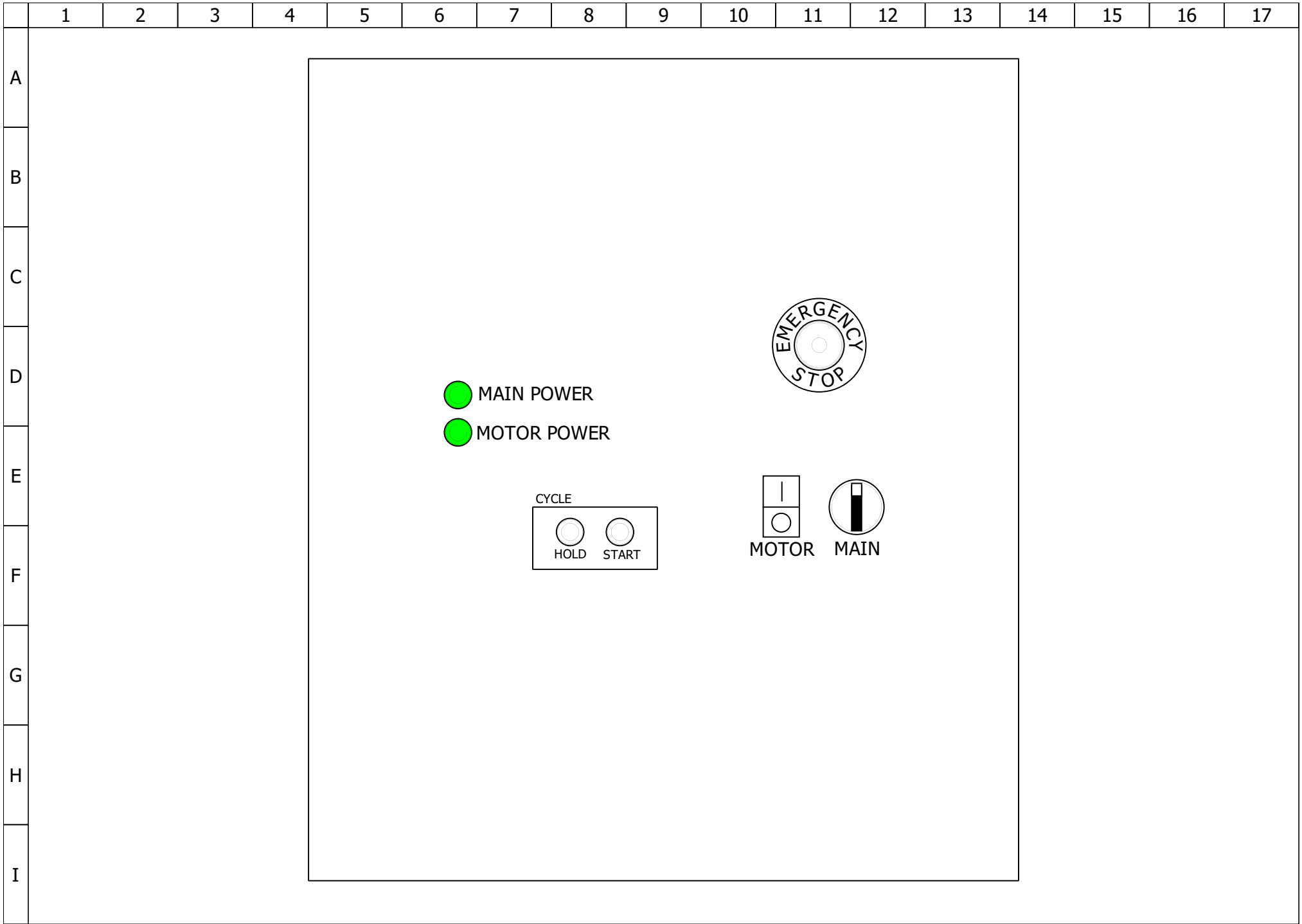
TERMINAL BLOCKS	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 9/14



MAIN PANEL	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 10/14



SPINDLE PANEL	Author: Jose Junior Date: 8/6/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 11/14



Author: Jose Junior	PANEL DOOR	File:
Date:		Folio: 12/14

Label	Manufacturer	Article number	Function	Title	Folio	Position
352	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	3/14	F3
353	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	3/14	F8
355	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	3/14	F13
7109			Shielded cable	LIMIT SWITCHES / BUTTONS	7/14	D13
DX	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	3/14	D9
DY	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	3/14	D14
DZ	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	3/14	D4
F1	JSYUAN	CW4L2-20A-S	EMI Filter for VFD	SPINDLE CONTROL	8/14	E6
Flood	-	-	Flood coolant outlet	RELAY BOARD	6/14	G3
HDMI	-	-	External HDMI Connector	RASPBERRY PI	4/14	B15
K204	Worldwide Electrical Corp	WDP40-3L-120	Main power contactor	POWER	2/14	E4
K361	Raspberry	Rpi 4	Computer control	RASPBERRY PI	4/14	D9
K467	grblHAL	BoB	CNC breakout board	BREAKOUT BOARD	5/14	D8
K6111	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C3
K6112	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C5
K6113	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C8
K6114	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C10
K6115	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C12
K6116	Noyito	6-channel relay module	Relay on board	RELAY BOARD	6/14	C15
Mist	-	-	Mist coolant outlet	RELAY BOARD	6/14	G5
P2239	uxcell	-	Main power on light	POWER	2/14	C3

Label	Manufacturer	Article number	Function	Title	Folio	Position
P2240	uxcell	-	Contactor/motor power on light	POWER	2/14	E3
Q2232	Socomec	22003004-UL	Main disconnect for power	POWER	2/14	A3
S110	Pilot Devices	GCX3131	Emergency stop button	LIMIT SWITCHES / BUTTONS	7/14	B14
S205	Pilot Devices	GCX1152	ON Button	POWER	2/14	C4
S207	Pilot Devices	GCX1152	OFF Button	POWER	2/14	D4
S233	Pilot Devices	GCX1102	Feed Start/Cycle button	LIMIT SWITCHES / BUTTONS	7/14	C14
S234	Pilot Devices	GCX1103	Feed Hold/Stop Byutton	LIMIT SWITCHES / BUTTONS	7/14	A14
T113	Mean Well	NDR-480-48	Stepper motor power 48V supply	POWER	2/14	D9
T114	Mean Well	HDR-15-12	12V 15W Power Supply	POWER	2/14	D14
T116	Mean Well	MDR-20-5	5V 15W Power Supply	POWER	2/14	D11
Vac	-	-	Vacuum outlet	RELAY BOARD	6/14	G10
X320	-	-	Stepper Connector	STEPPER DRIVERS	3/14	G4
X322	-	-	Stepper Connector	STEPPER DRIVERS	3/14	G9
X323	-	-	Stepper Connector	STEPPER DRIVERS	3/14	G14
X6105	-	-	Shielded ethernet jack	LIMIT SWITCHES / BUTTONS	7/14	E8
keyboard	-	-	External USB Connector	RASPBERRY PI	4/14	B13
mouse	-	-	External USB Connector	RASPBERRY PI	4/14	B14