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DC POWER	Jose Junior	3/15	Main Panel	2
STEPPER DRIVERS	Jose Junior	4/15	Main Panel	1
RASPBERRY PI	Jose Junior	5/15	Main Panel	1
BREAKOUT BOARD	Jose Junior	6/15	Main Panel	1
RELAY BOARD	Jose Junior	7/15	Main Panel	1
LIMIT SWITCHES / BUTTONS	Jose Junior	8/15	Main Panel	3
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TERMINAL BLOCKS	Jose Junior	10/15	Main Panel	1
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PANEL DOOR	Jose Junior	13/15	Main Panel	1
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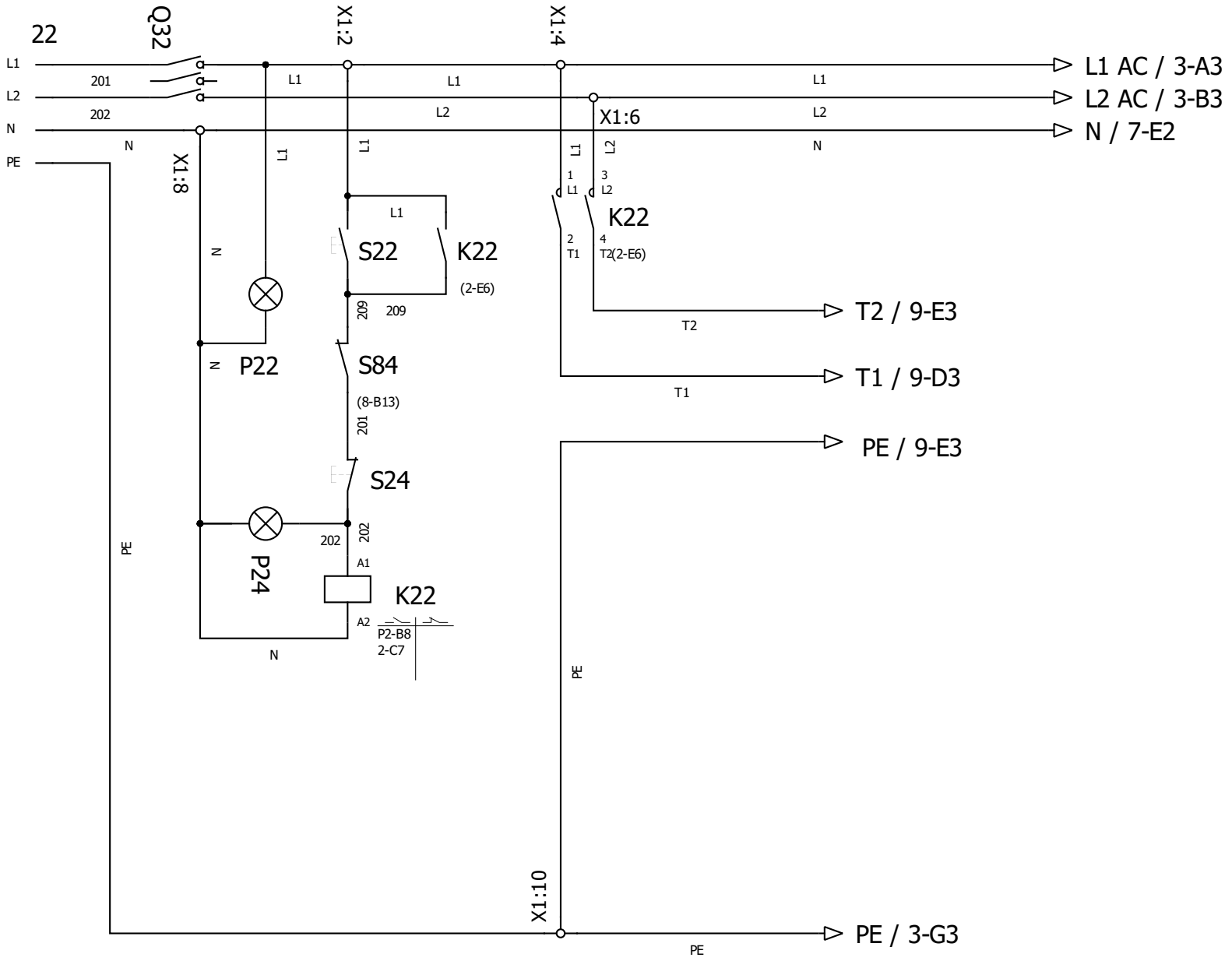
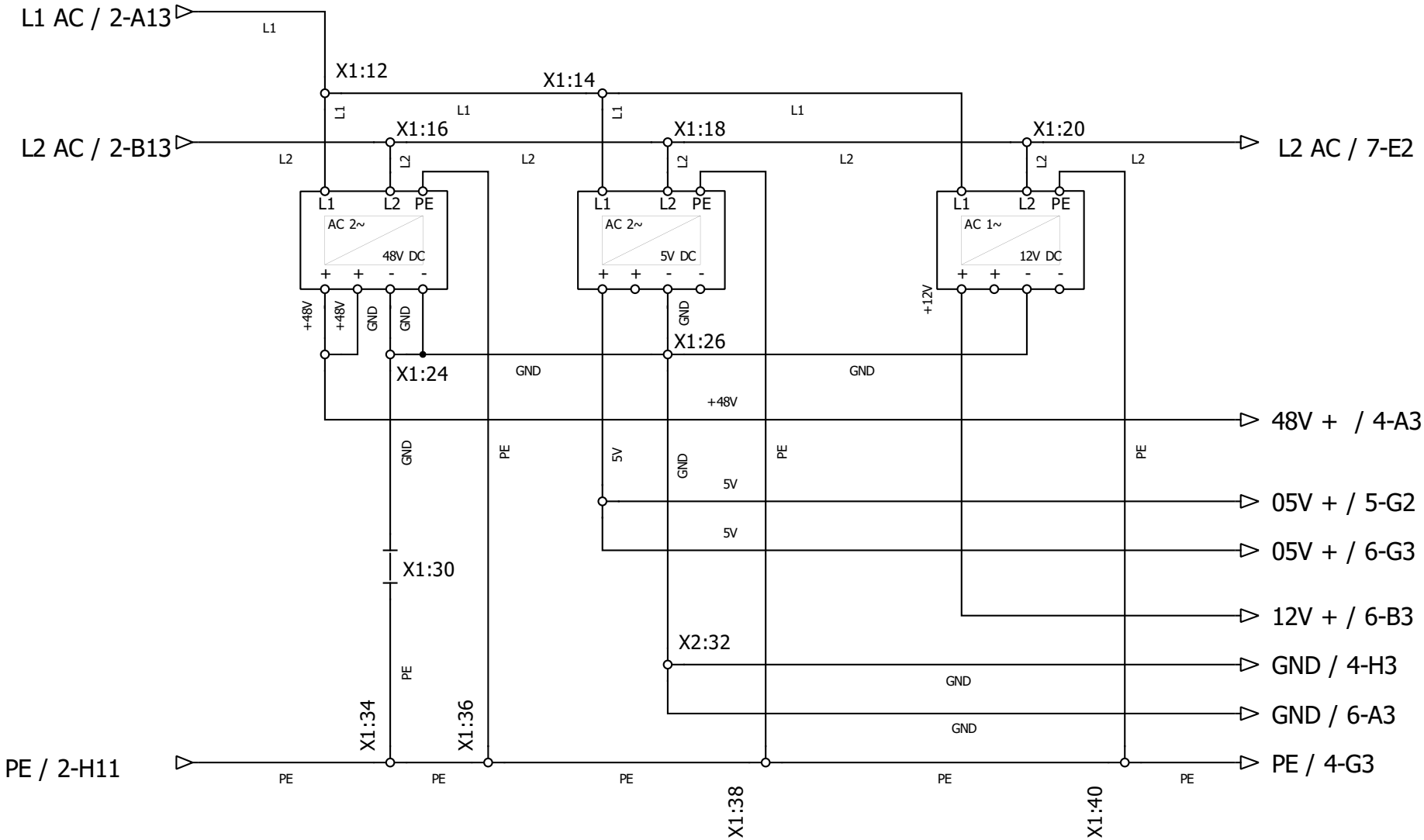
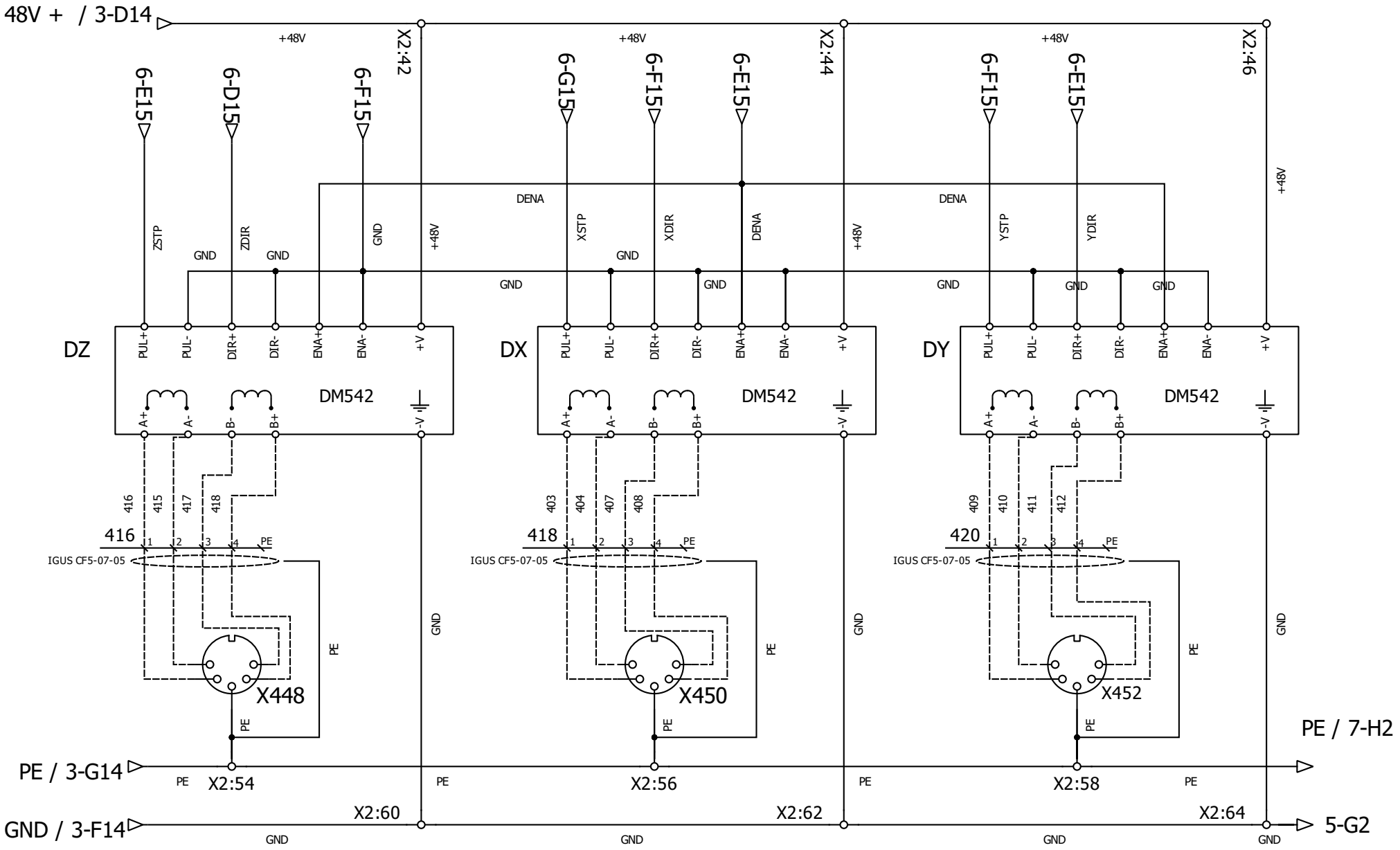
COMPONENTS	Jose Junior	15/15	-	1



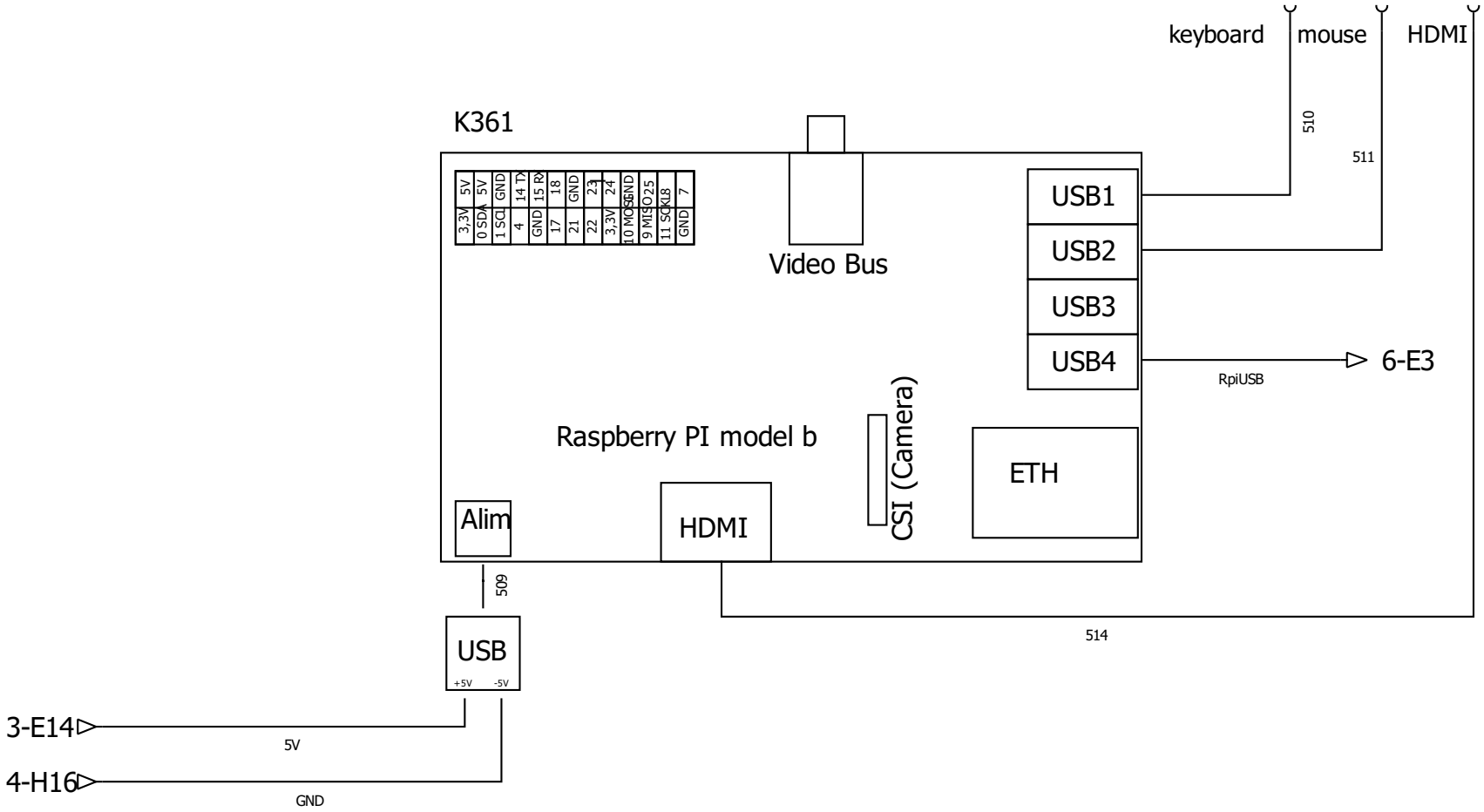
AC POWER CONTROL	Author: Jose Junior Date: 8/8/2020	Revision: 4	File: F:/dev/CNC_Panel/Plan.qet Folio: 2/15



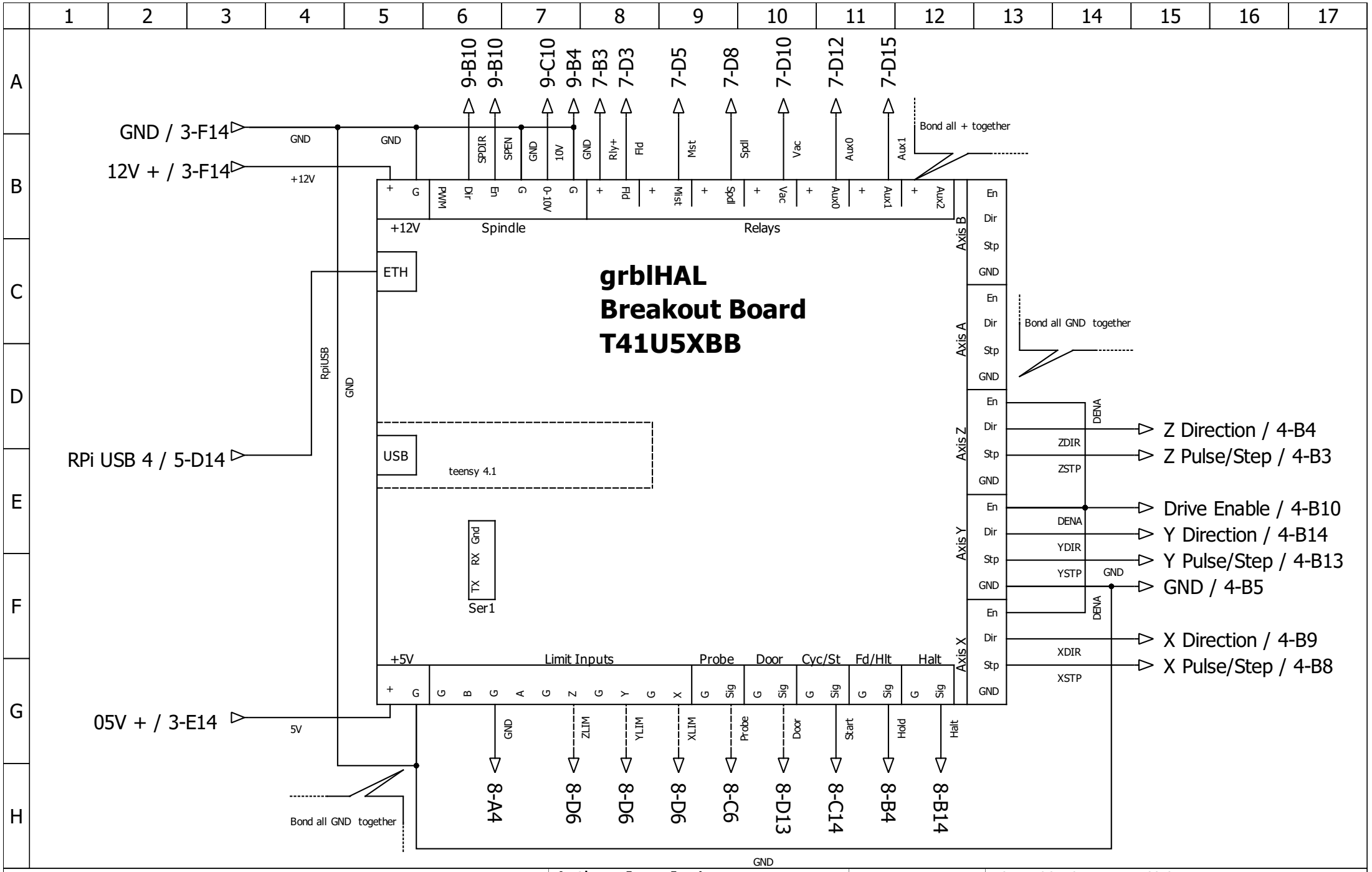
DC POWER	Author: Jose Junior Date: 8/8/2020	Revision: 2	File: F:/dev/CNC_Panel/Plan.qet Folio: 3/15



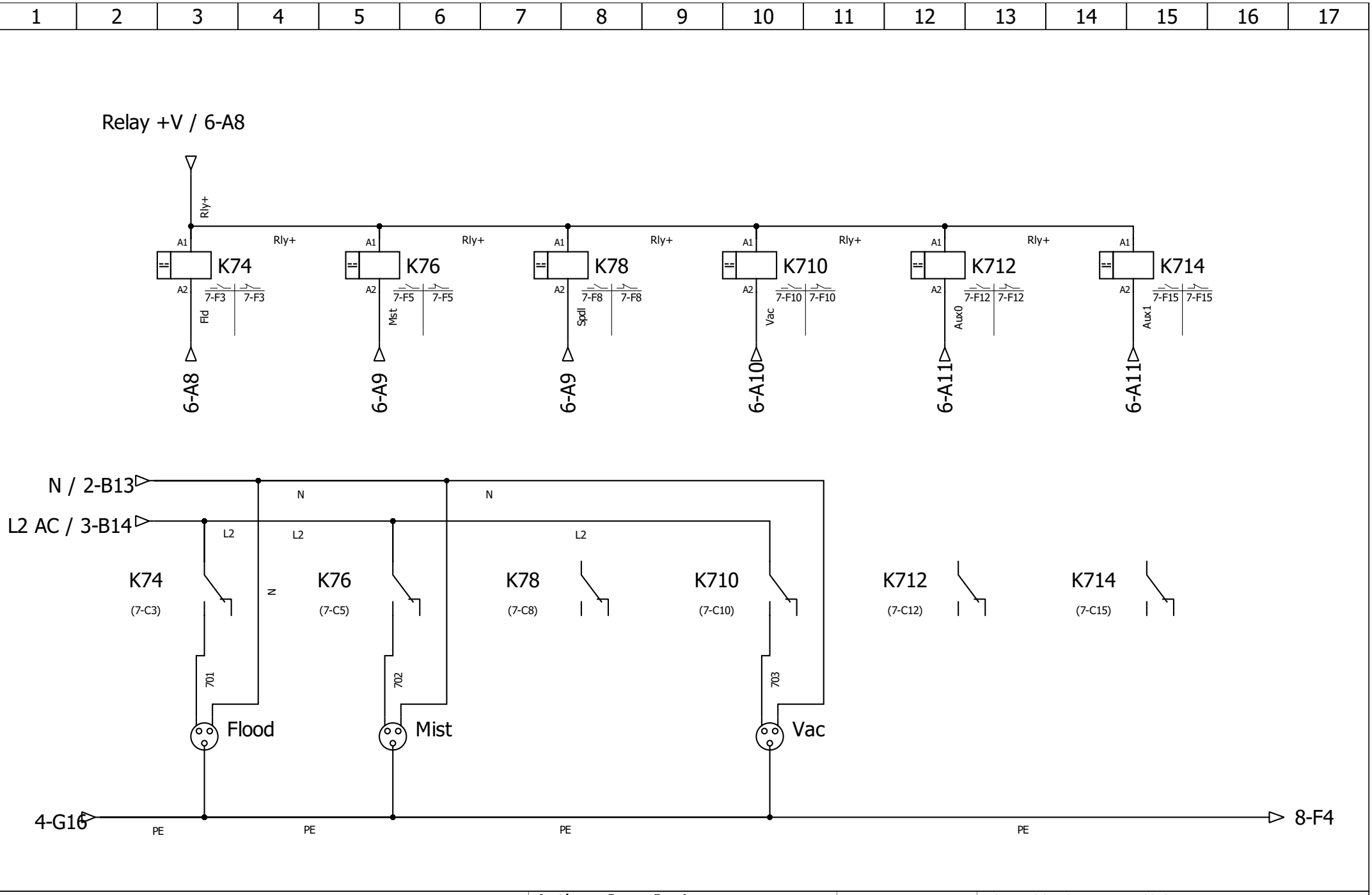
STEPPER DRIVERS	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 4/15



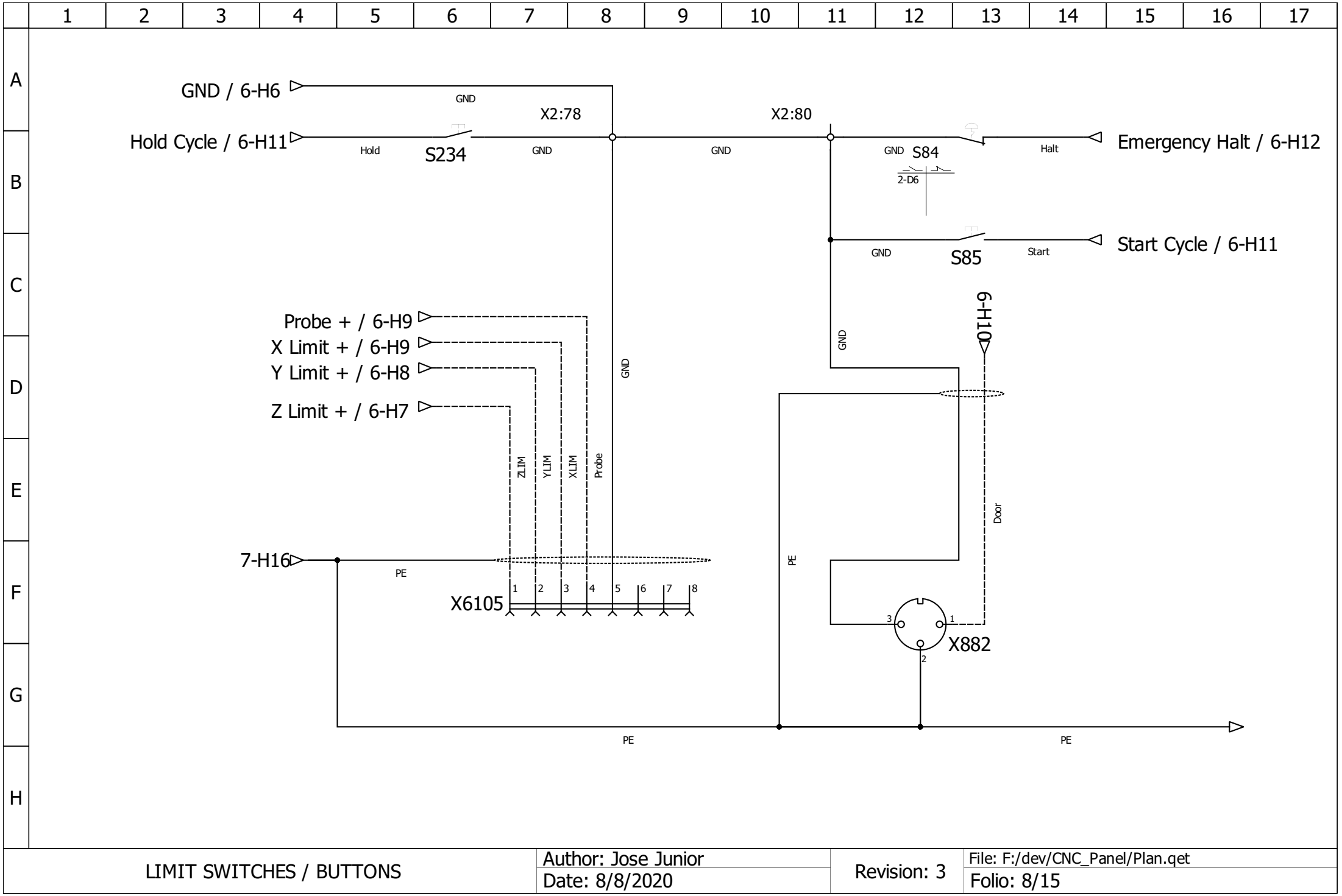
RASPBERRY PI	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 5/15



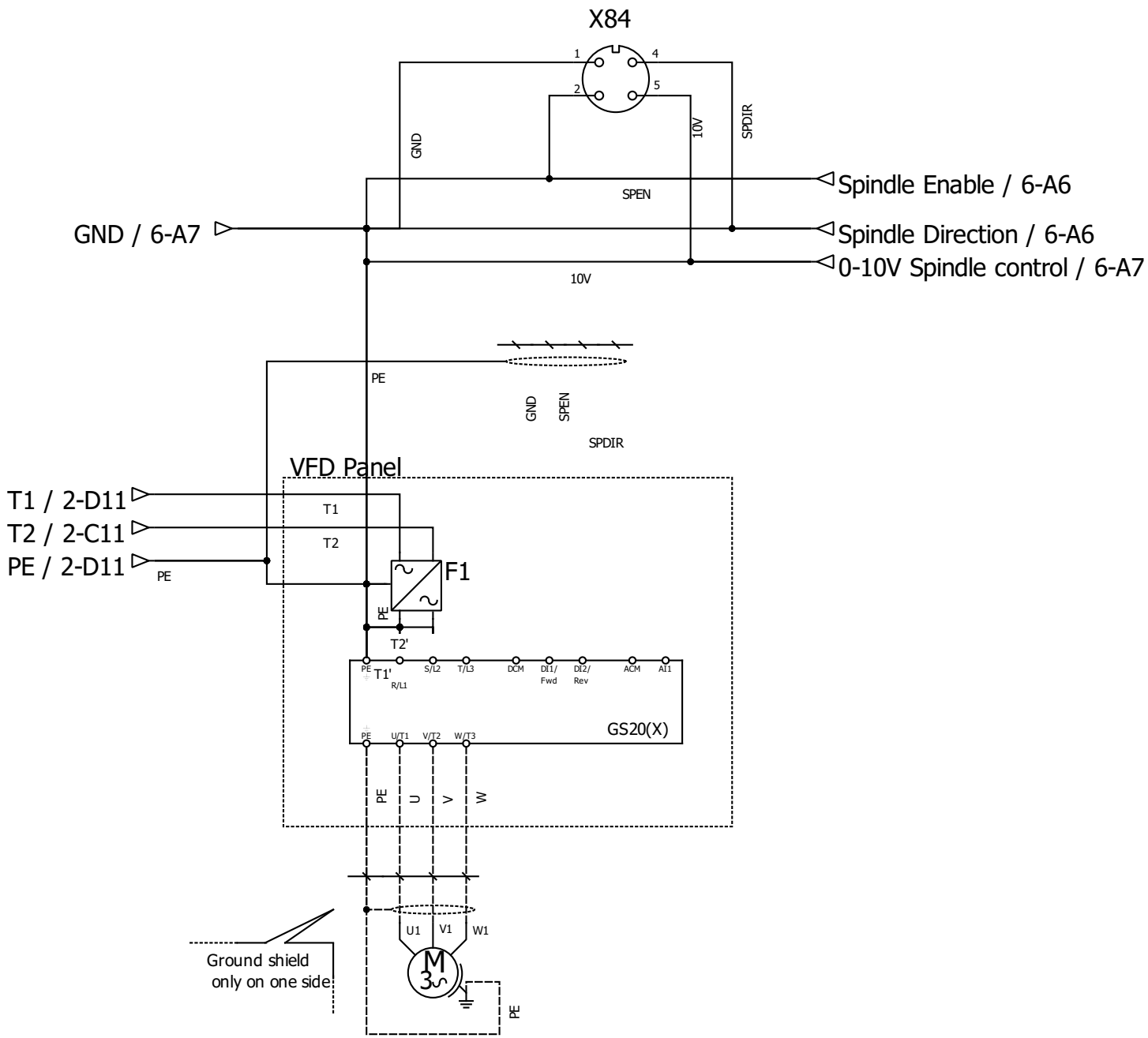
BREAKOUT BOARD	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 6/15



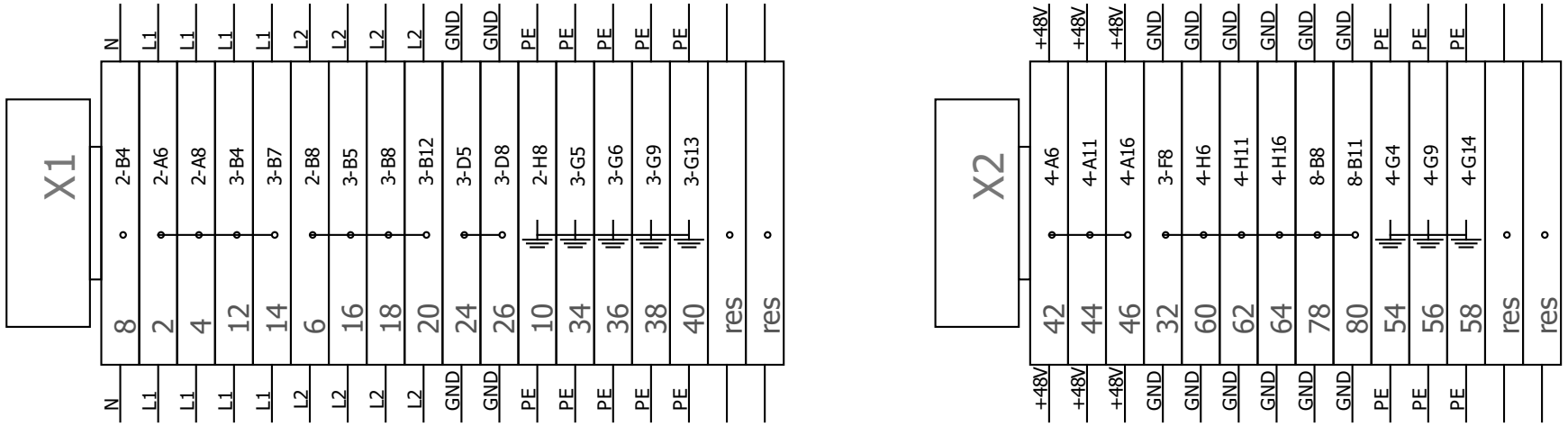
RELAY BOARD	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 7/15



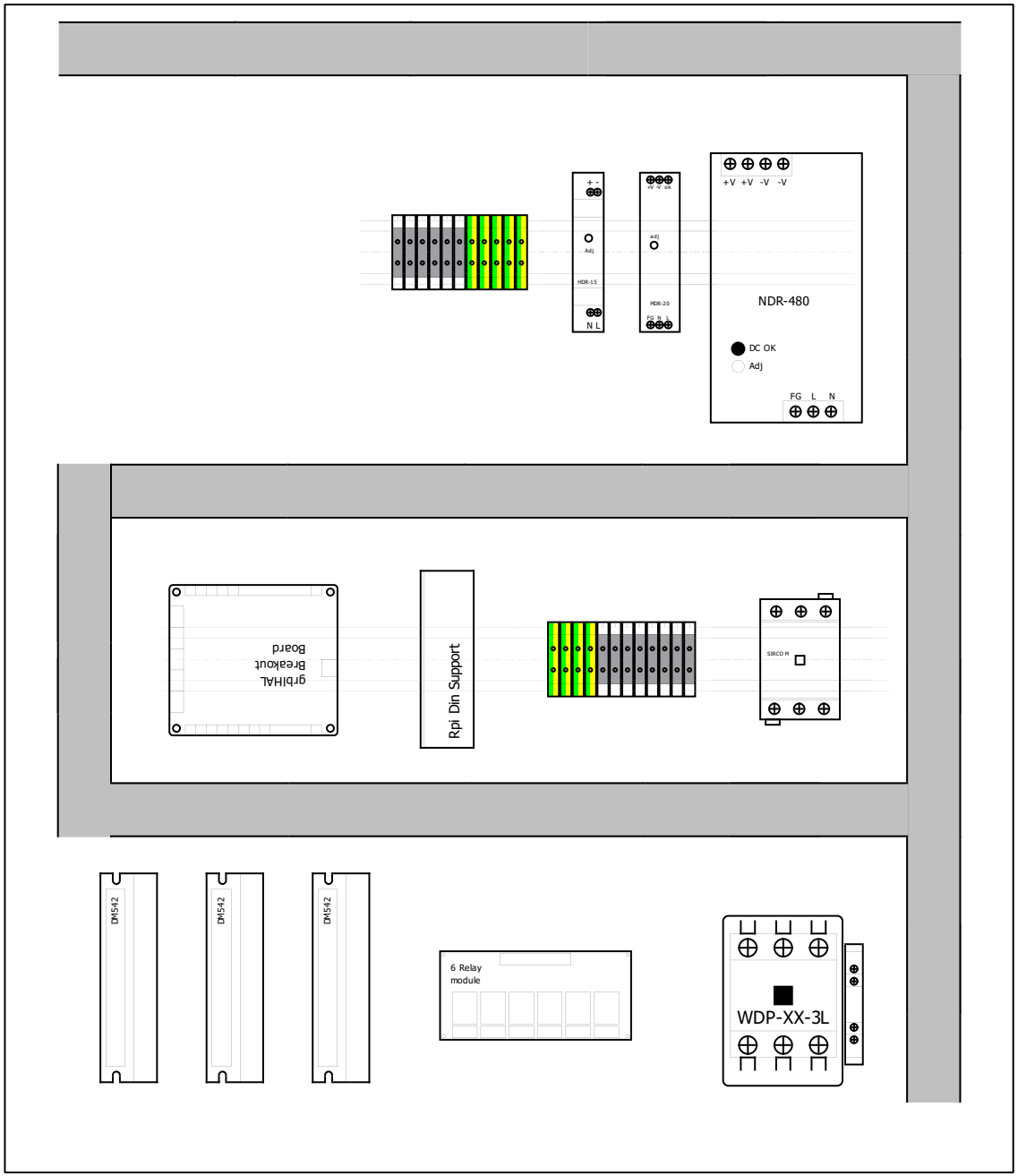
LIMIT SWITCHES / BUTTONS	Author: Jose Junior Date: 8/8/2020	Revision: 3	File: F:/dev/CNC_Panel/Plan.qet Folio: 8/15



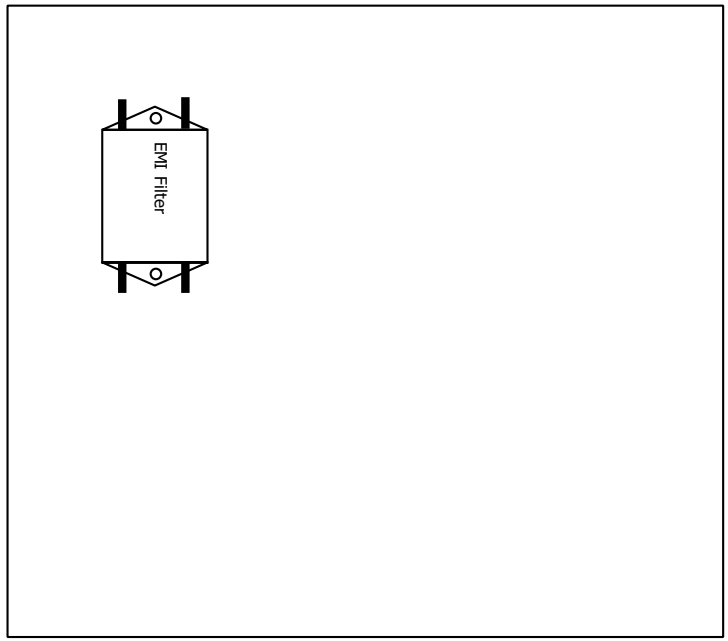
SPINDLE CONTROL	Author: Jose Junior Date: 8/8/2020	Revision: 4	File: F:/dev/CNC_Panel/Plan.qet Folio: 9/15



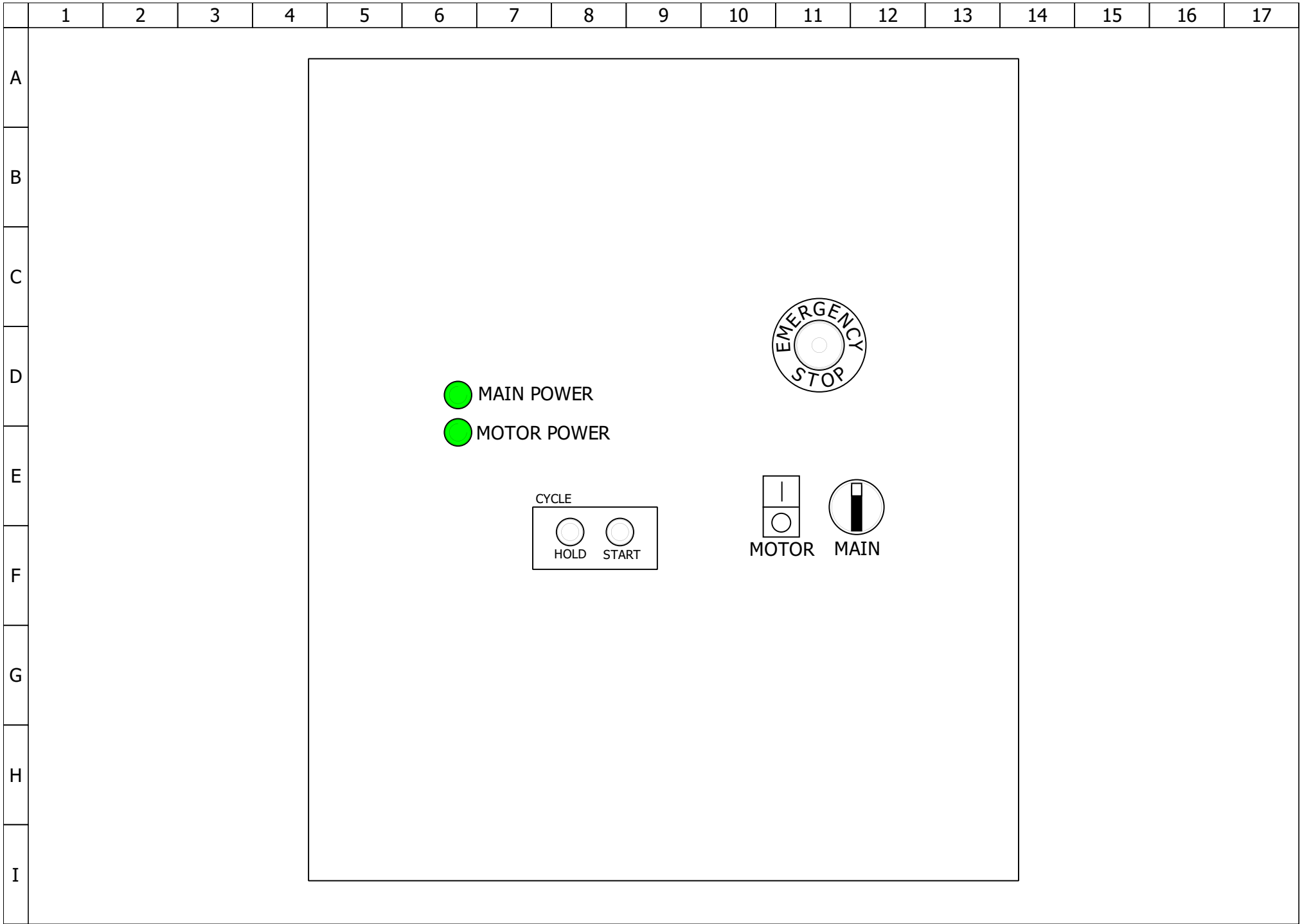
TERMINAL BLOCKS	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 10/15



MAIN PANEL	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 11/15



SPINDLE PANEL	Author: Jose Junior Date: 8/8/2020	Revision: 1	File: F:/dev/CNC_Panel/Plan.qet Folio: 12/15



Author: Jose Junior	PANEL DOOR	File:
Date:		Folio: 13/15

Label	Manufacturer	Article number	Function	Title	Folio	Position
	Mean Well	HDR-15-12	12V 15W Power Supply	DC POWER	3/15	C11
	Mean Well	MDR-20-5	5V 15W Power Supply	DC POWER	3/15	C7
	Mean Well	NDR-480-48	Stepper motor power 48V supply	DC POWER	3/15	C5
416	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	4/15	F3
418	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	4/15	F8
420	IGUS	CF5-07-05	Shielded stepper driver cable	STEPPER DRIVERS	4/15	F13
834			Shielded cable	LIMIT SWITCHES / BUTTONS	8/15	D13
DX	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	4/15	D9
DY	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	4/15	D14
DZ	Zyltech	DM542	Stepper Driver	STEPPER DRIVERS	4/15	D4
F1	JSYUAN	CW4L2-20A-S	EMI Filter for VFD	SPINDLE CONTROL	9/15	E6
Flood	-	-	Flood coolant outlet	RELAY BOARD	7/15	G3
HDMI	-	-	External HDMI Connector	RASPBERRY PI	5/15	B15
K22	Worldwide Electrical Corp	WDP40-3L-120	Main power contactor	AC POWER CONTROL	2/15	E6
K361	Raspberry	Rpi 4	Computer control	RASPBERRY PI	5/15	D9
K467	grblHAL	BoB	CNC breakout board	BREAKOUT BOARD	6/15	C9
K710	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C10
K712	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C12
K714	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C15
K74	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C3
K76	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C5

Label	Manufacturer	Article number	Function	Title	Folio	Position
K78	Noyito	6-channel relay module	Relay on board	RELAY BOARD	7/15	C8
Mist	-	-	Mist coolant outlet	RELAY BOARD	7/15	G5
P22	uxcell	-	Main power on light	AC POWER CONTROL	2/15	C5
P24	uxcell	-	Contactor/motor power on light	AC POWER CONTROL	2/15	E5
Q32	Socomec	22003004-UL	Main disconnect for power	AC POWER CONTROL	2/15	A4
S22	Pilot Devices	GCX1152	ON Button	AC POWER CONTROL	2/15	C6
S234	Pilot Devices	GCX1103	Feed Hold/Stop Byutton	LIMIT SWITCHES / BUTTONS	8/15	B6
S24	Pilot Devices	GCX1152	OFF Button	AC POWER CONTROL	2/15	D6
S84	Pilot Devices	GCX3131	Emergency stop button	LIMIT SWITCHES / BUTTONS	8/15	B13
S85	Pilot Devices	GCX1102	Feed Start/Cycle button	LIMIT SWITCHES / BUTTONS	8/15	C13
Vac	-	-	Vacuum outlet	RELAY BOARD	7/15	G10
X448	-	-	Stepper Connector	STEPPER DRIVERS	4/15	G4
X450	-	-	Stepper Connector	STEPPER DRIVERS	4/15	G9
X452	-	-	Stepper Connector	STEPPER DRIVERS	4/15	G14
X6105	-	-	Shielded ethernet jack	LIMIT SWITCHES / BUTTONS	8/15	F8
keyboard	-	-	External USB Connector	RASPBERRY PI	5/15	B13
mouse	-	-	External USB Connector	RASPBERRY PI	5/15	B14