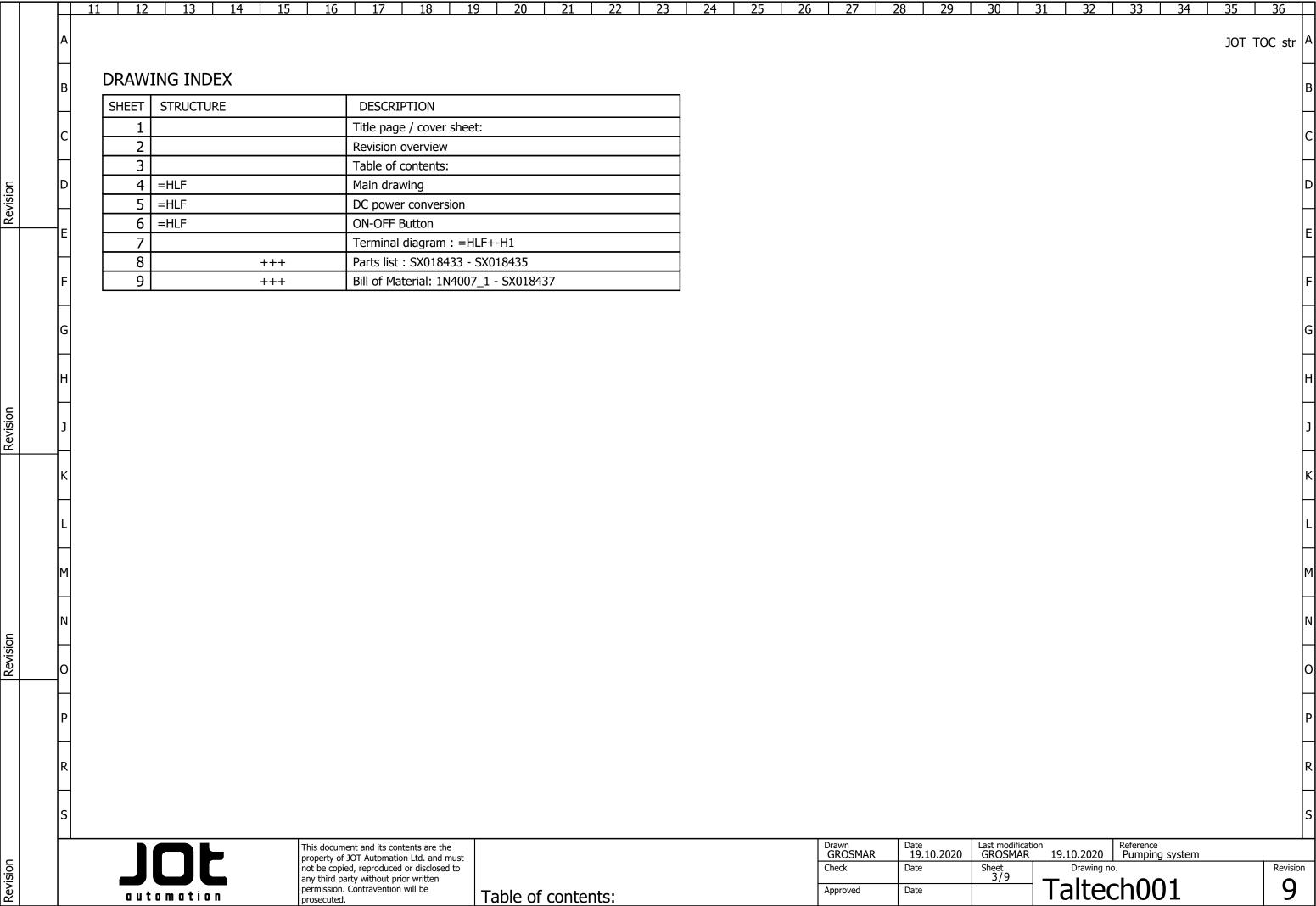
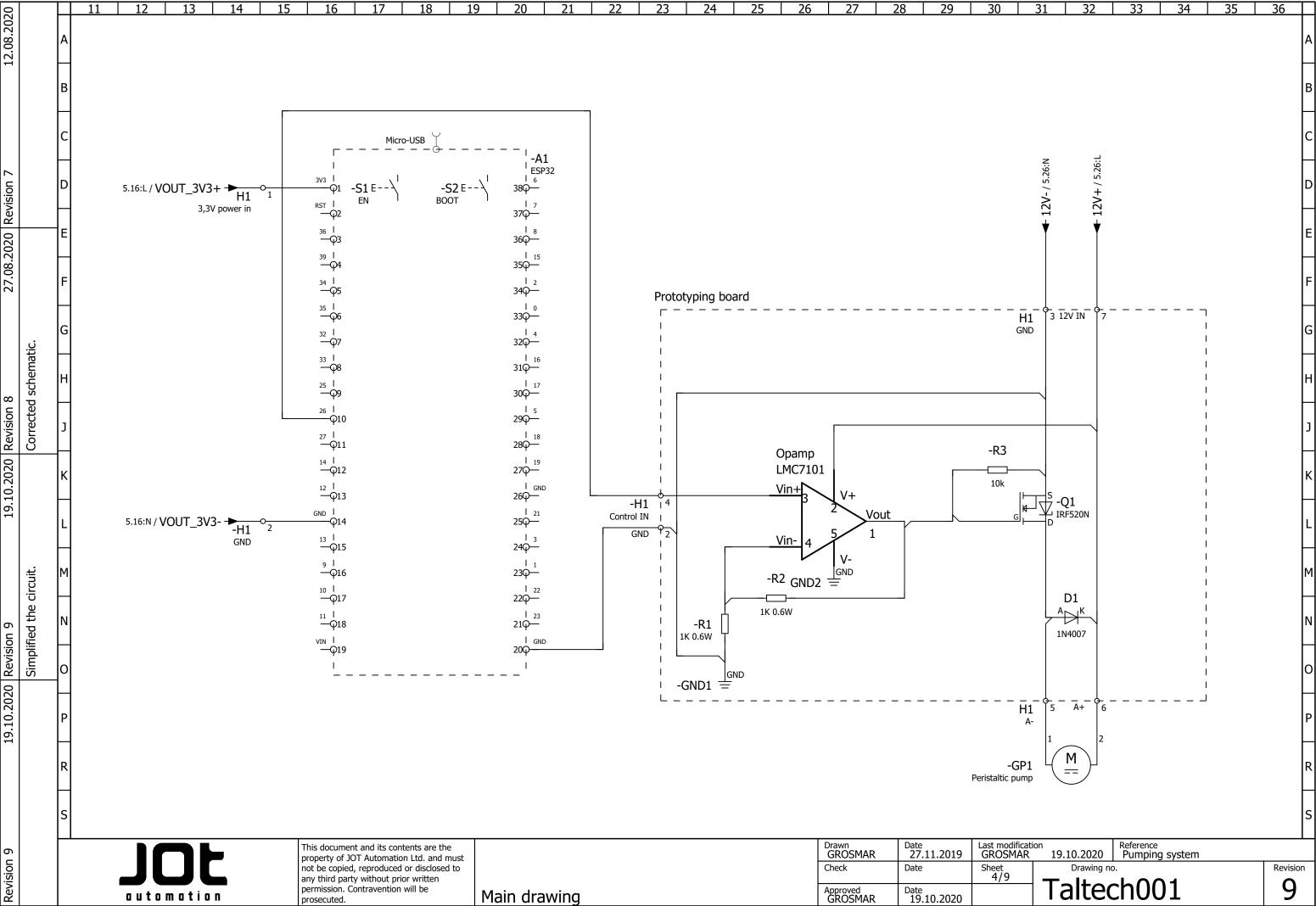
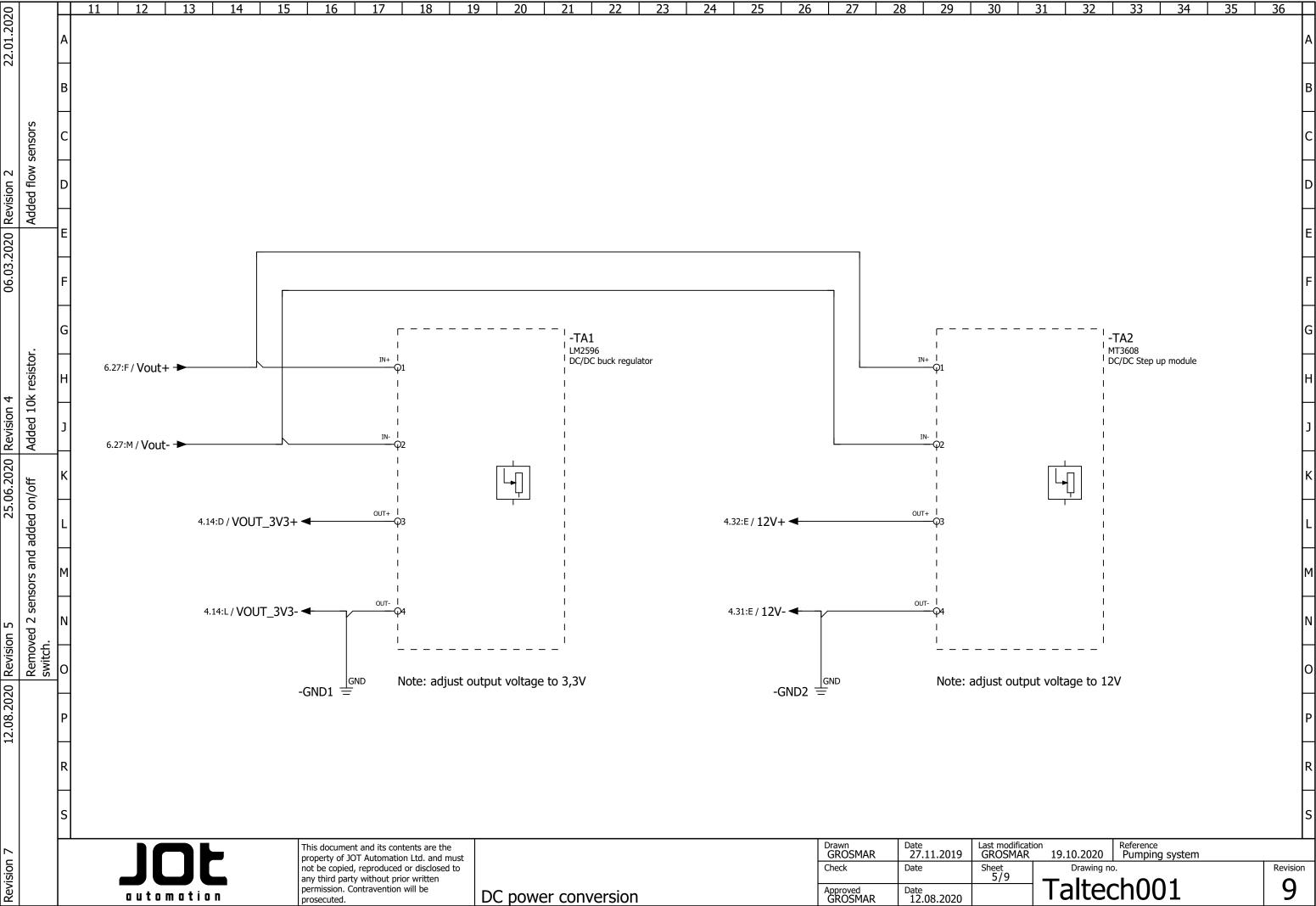
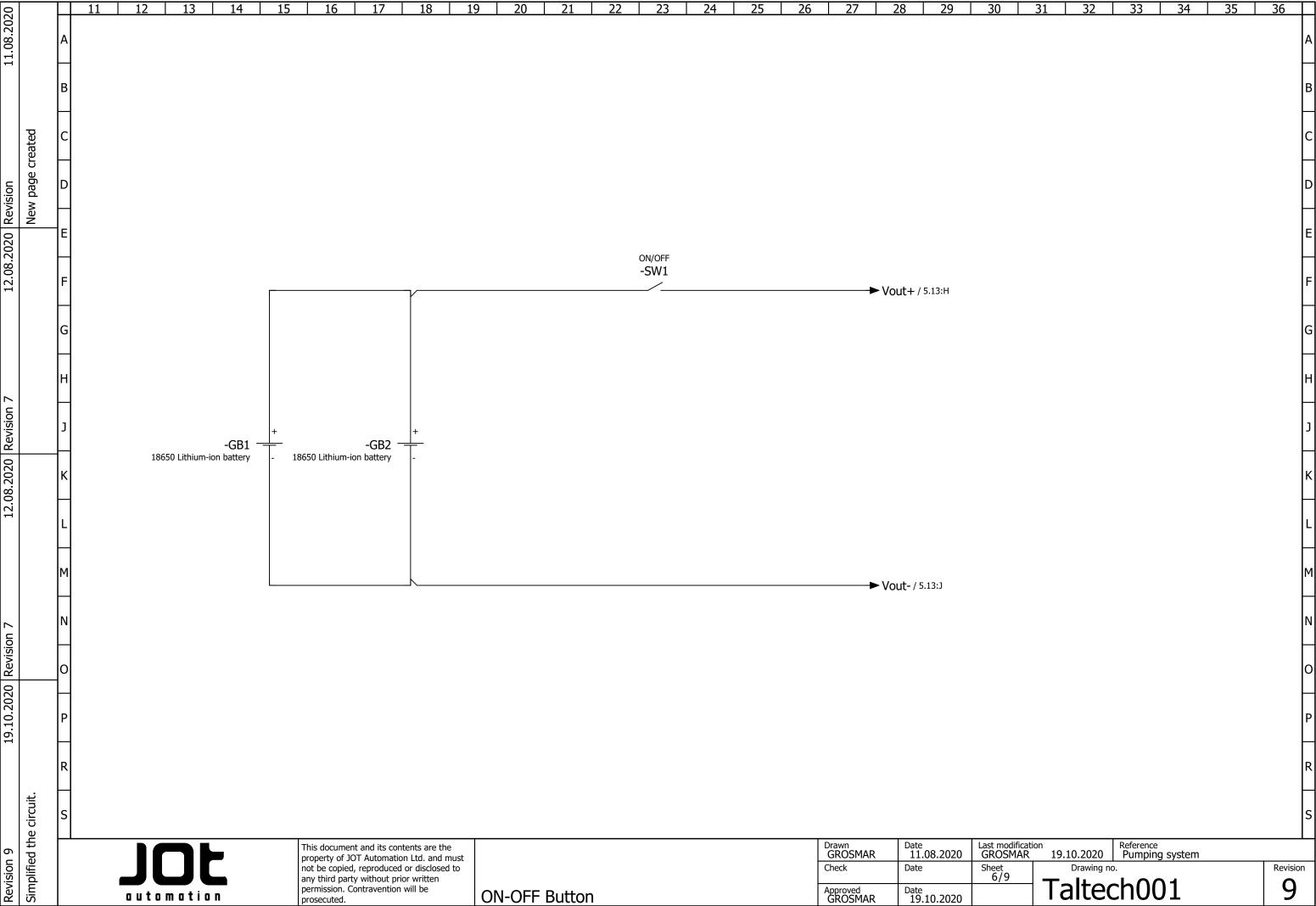


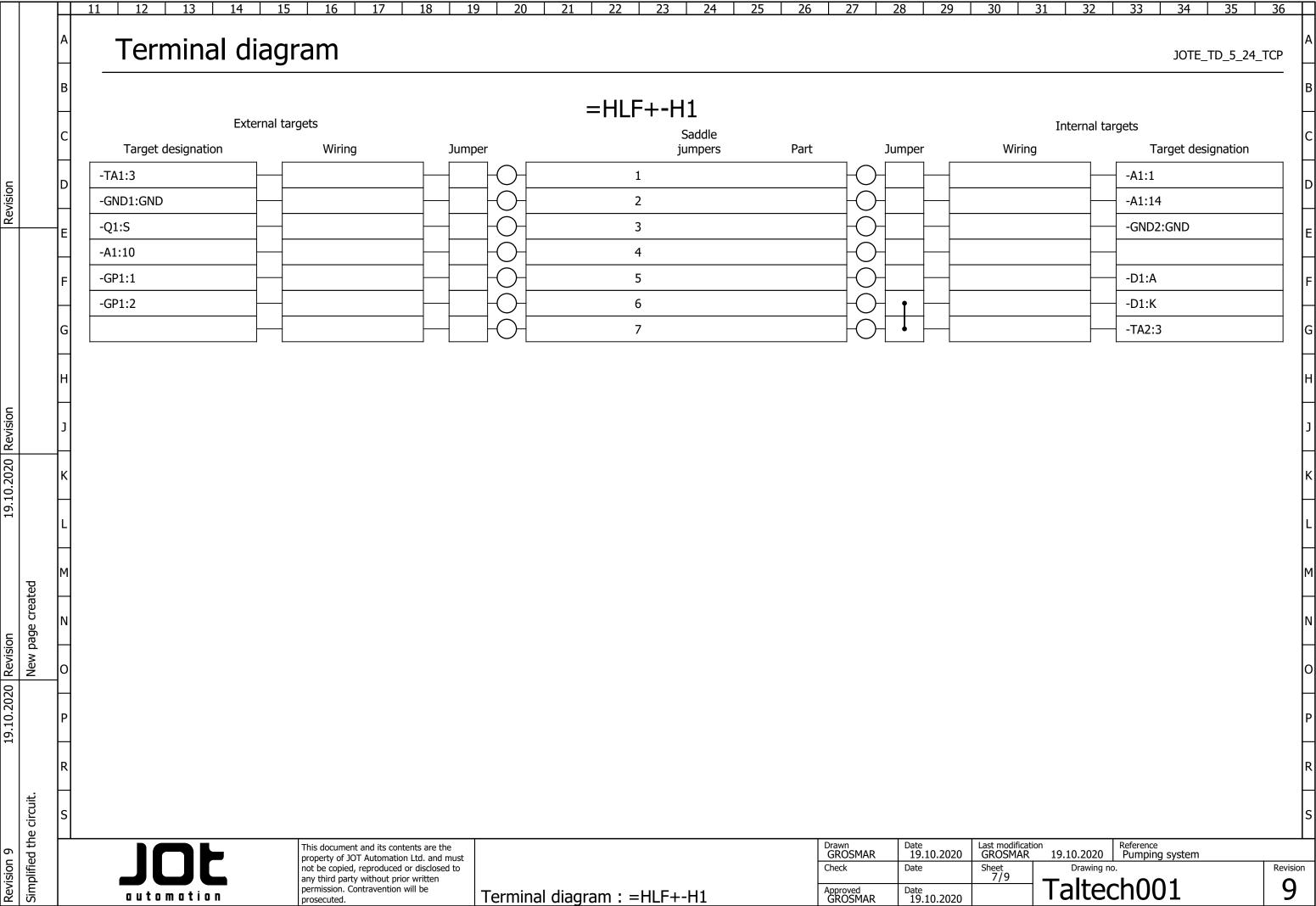
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B		Revis	ion ove	rview				•
H		Revision	Date	Creator	Revision description			
c		9	19.10.2020	GROSMAR	Simplified circuit.			
\vdash		8	27.08.2020	GROSMAR	Corrected schematic.			F
D		7	12.08.2020	GROSMAR	Added ON-OFF pushbutton circuit.			
Н		6	07.07.2020	GROSMAR	Removing Opamps			ł
ĪĔ		5	25.06.2020	GROSMAR	Removed 2 sensors and added ON/OFF switch. Removed LED indicators.			
H		4	09.03.2020	GROSMAR	Added opamp			ŀ
F		3	31.01.2020	GROSMAR	Added 12 Ohm resistors.			
		2	22.01.2020	GROSMAR	Added flow sensor setup.			
		1	20.01.2020	GROSMAR	MOSFET source connected to ground and drain through motor to voltage source.			
		0	10.10.2013	kralgot	initial drawing			
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В	PART	COMPONENT NR.	JOT CODE	PCS	PAGE-PATH	TYPE	MA	JOT_PI
	Microcontroller	=HLF-A1	SX018433	1	&=HLF+/4.16:C	Espressif Systems ESF	P37 Fenr	essif Systen
C	DIODE	=HLF-D1	1N4007-1	1	&=HLF+/4.32:N	1N4007	<u> </u>	coon byster
	Li-ion Battery 18650 3.6V 3350 mAh 1.5C 4.9A LG	=HLF-GB1	SX018387	1	&=HLF+/6.15:J	LG Chem INR18650F1	1L li-ion battery LG C	Chem
	Li-ion Battery 18650 3.6V 3350 mAh 1.5C 4.9A	=HLF-GB2	SX018387	1	&=HLF+/6.18:J	LG Chem INR18650F1	1L li-ion battery LG C	hem
—— E	Peristaltic pump	=HLF-GP1	SX018437	1	&=HLF+/4.31:R	Adafruit 12V peristalti	ic pump	
	Power MOSFET	=HLF-Q1	SX018436	1	&=HLF+/4.31:L	International rectifier		national re
	Resistor	=HLF-R1	2200013278-0	1	&=HLF+/4.24:N	1K 0.6W 1%	111.02011	1146101141110
	Resistor	=HLF-R2	2200013278-0	1	&=HLF+/4.25:N	1K 0.6W 1%		
H	Resistor 10K, 0,5W, 1%	=HLF-R3	SX007623	1	&=HLF+/4.30:K	multicomp MF50 10K		
G	DC/DC buck regulator	=HLF-TA1	SX018434	1	&=HLF+/5.17:G	LM2596 supply modul		
	DC/DC converter step up	=HLF-TA2	SX018435	1	&=HLF+/5.29:G	MT3608 step up mode		
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I normiccion Contravention will be	This document and its contents are property of JOT Automation Ltd. and													Peristaltic pump	Power MOSFET	DC/DC converter step up	DC/DC buck regulator	Li-ion Battery 18650 3.6V 3350 mAh 1.8 Microcontroller	Resistor 10K, 0,5W, 1%	Resistor	DIODE	PART	Material
sed to														Adafruit 12V perist	International rectif	MT3608 step up m	Espressif Systems LM2596 supply mo		multicomp MF50 1	1K 0.6W 1%	1N4007		
_1 - SX018437														taltic pump	fier IRF520N			50F1L li-ion battery				TYPE	
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