

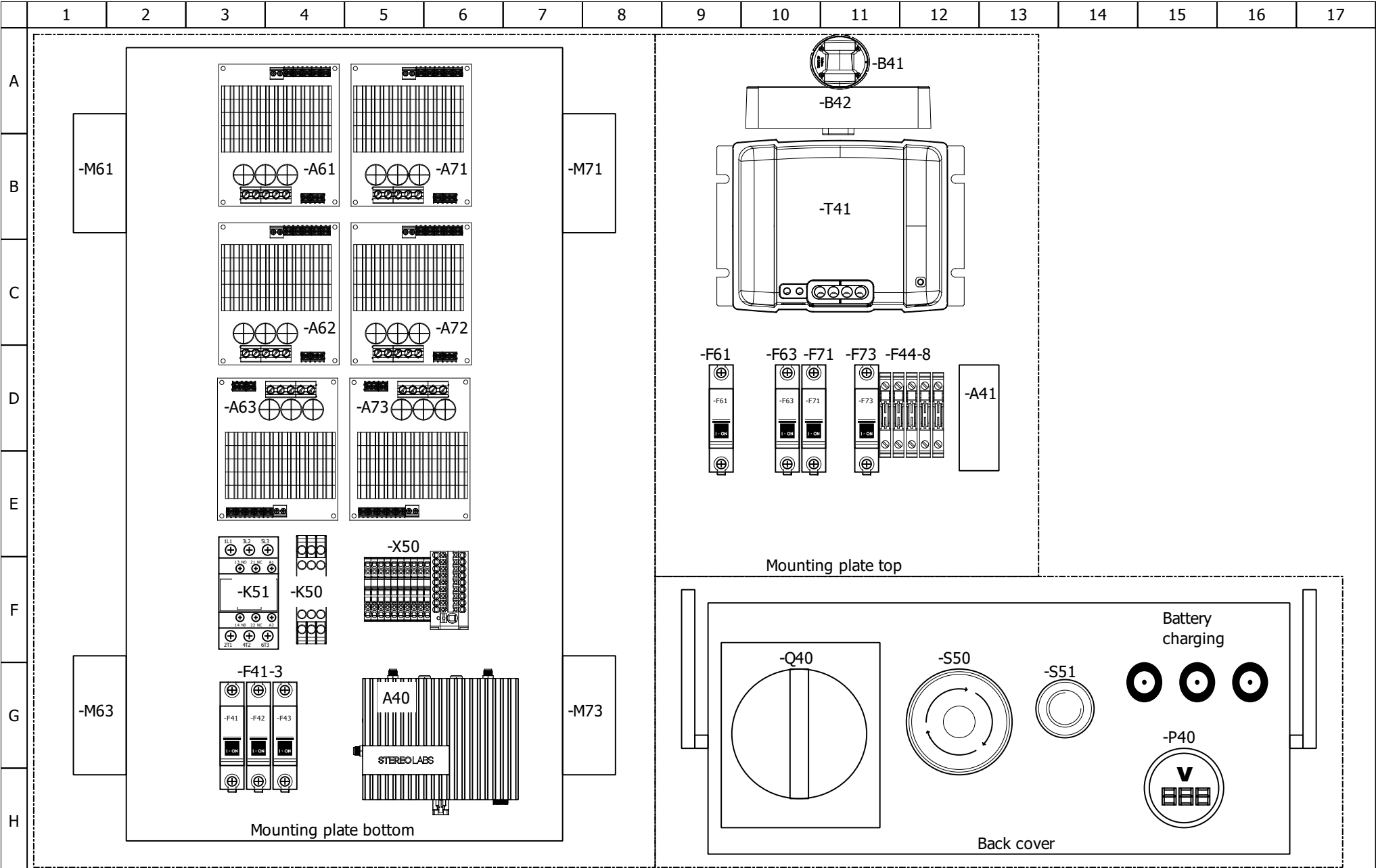
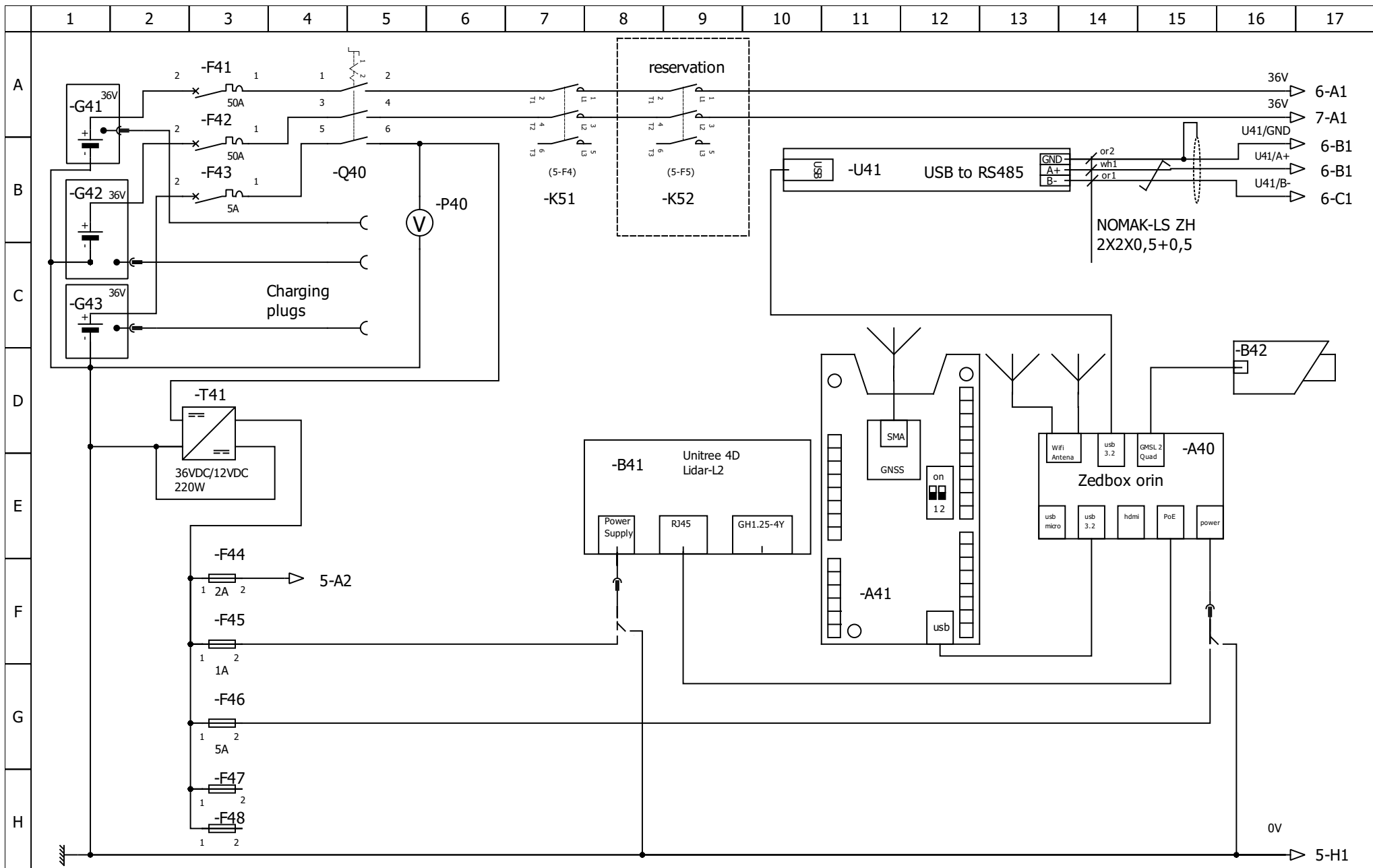


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
A																		
	Label	Function		Textual description						Article number			Manufacturer		Folio number		Position	
B	-A40	Computer		Fedbox orin									StereoLabs		4/8		E16	
	-A41	IMU +GNSS		IMU+GNSS						MTI-7-0I-DK			Xsense		4/8		E12	
	-A61	Motor controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		6/8		D6	
	-A62	Motor controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		6/8		D11	
C	-A63	Motor controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		6/8		D16	
	-A71	Motor Controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		7/8		D5	
	-A72	Motor Controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		7/8		D10	
	-A73	Motor Controller		EM-366 BRUSHLESS DC-MOTOR DRIVER 12-48V 30/25A									ELECTROMEN Oy		7/8		D16	
D	-B41	Lidar		Unitree 4D lidar-L2									Unitree		4/8		E9	
	-B42	Camera		Zed X									StereoLabs		4/8		D16	
	-F41	Miniature circuit breaker		C60H DC - 1p- 50 A -C						A9N61518			Schneider Electric		4/8		A3	
	-F42	Miniature circuit breaker		C60H DC - 1p- 50 A -C						A9N61518			Schneider Electric		4/8		B3	
E	-F43	Miniature circuit breaker		C60H DC - 1p- 5 A -C						A9N61505			Schneider Electric		4/8		B3	
	-F44	Fuse		UK 6-FSI/C + ATO2A						3118203			PHOENIX CONTACT		4/8		F3	
	-F45	Fuse		UK 6-FSI/C + ATO1A						3118203			PHOENIX CONTACT		4/8		F3	
	-F46	Fuse		UK 6-FSI/C + ATO5A						3118203			PHOENIX CONTACT		4/8		G3	
F	-F47	Fuse		UK 6-FSI/C + ATO5A						3118203			PHOENIX CONTACT		4/8		H3	
	-F48	Fuse		UK 6-FSI/C + ATO5A						3118203			PHOENIX CONTACT		4/8		H3	
	-F61	Miniature circuit breaker		C60H DC - 1p- 25 A -C						A9N61513			Schneider Electric		6/8		E3	
	-F62	Miniature circuit breaker		C60H DC - 1p- 25 A -C						A9N61513			Schneider Electric		6/8		E8	
G	-F63	Miniature circuit breaker		C60H DC - 1p- 25 A -C						A9N61513			Schneider Electric		6/8		E13	
	-F71	Miniature circuit breaker		C60H DC - 1p- 25 A -C						A9N61513			Schneider Electric		7/8		E2	
	H																	
Drawn: TNI				Jaska the the mobilerobot										Date: 3.12.2025				
				BOM										Folio: 1/8				
														rev: A				

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A																	
	Label	Function		Textual description					Article number			Manufacturer		Folio number		Position	
B	-F72	Miniature circuit breaker		C60H DC - 1p- 25 A -C					A9N61513			Schneider Electric		7/8		E7	
	-F73	Miniature circuit breaker		C60H DC - 1p- 25 A -C					A9N61513			Schneider Electric		7/8		E13	
	-G41	Battery		36V 30Ah										4/8		B1	
C	-G42	Battery		36V 30Ah										4/8		B1	
	-G43	Battery		36V 30Ah										4/8		C1	
	-H51	Light		M22-LED-W					216557			Eaton		5/8		B7	
D	-K50	Safety relay		NST-3.2								Duelco		5/8		E5	
	-K51	Contactor		Contactor 38A Tesys D LC1D38JD					LC1D38JD   SNRO 3782355			Scheneider Electric		5/8		F4	
	-K52	Contactor		Contactor 38A Tesys D LC1D38JD					LC1D38JD   SNRO 3782355			Scheneider Electric		5/8		F5	
E	-M61	BLDC Motor		Hoverboard motor										6/8		H6	
	-M62	BLDC Motor		Hoverboard motor										6/8		H10	
	-M63	BLDC Motor		Hoverboard motor										6/8		H15	
F	-M71	BLDC Motor		Hoverboard motor										7/8		H5	
	-M72	BLDC Motor		Hoverboard motor										7/8		H10	
	-M73	BLDC Motor		Hoverboard motor										7/8		H16	
G	-P40	Voltagemeter												4/8		B5	
	-Q40	Main switch		OT63FT3 + OHBS2RJ								ABB		4/8		A5	
	-R71	Resistor		120ohm										7/8		D14	
H	-S50	E-stop button		M22-PVt+2xCK01+M22-A					171880+216385+216374			Eaton		5/8		B3	
	-S51	Reset Button		M22-DL-B+M22-CK20+M22-A					216931+107898+216374			Eaton		5/8		B5	
	-T41	DC/DC Converter		Orion-tr 48/12-20A								Victron energy		4/8		E3	
	-U41	Signal converter		USB to RS485										4/8		B14	
Drawn: TNI				Jaska the the mobilerobot										Date: 5.9.2025			
				BOM										Folio: 2/8			
														rev: A			





Drawn: TNI

Jaska the the mobilerobot

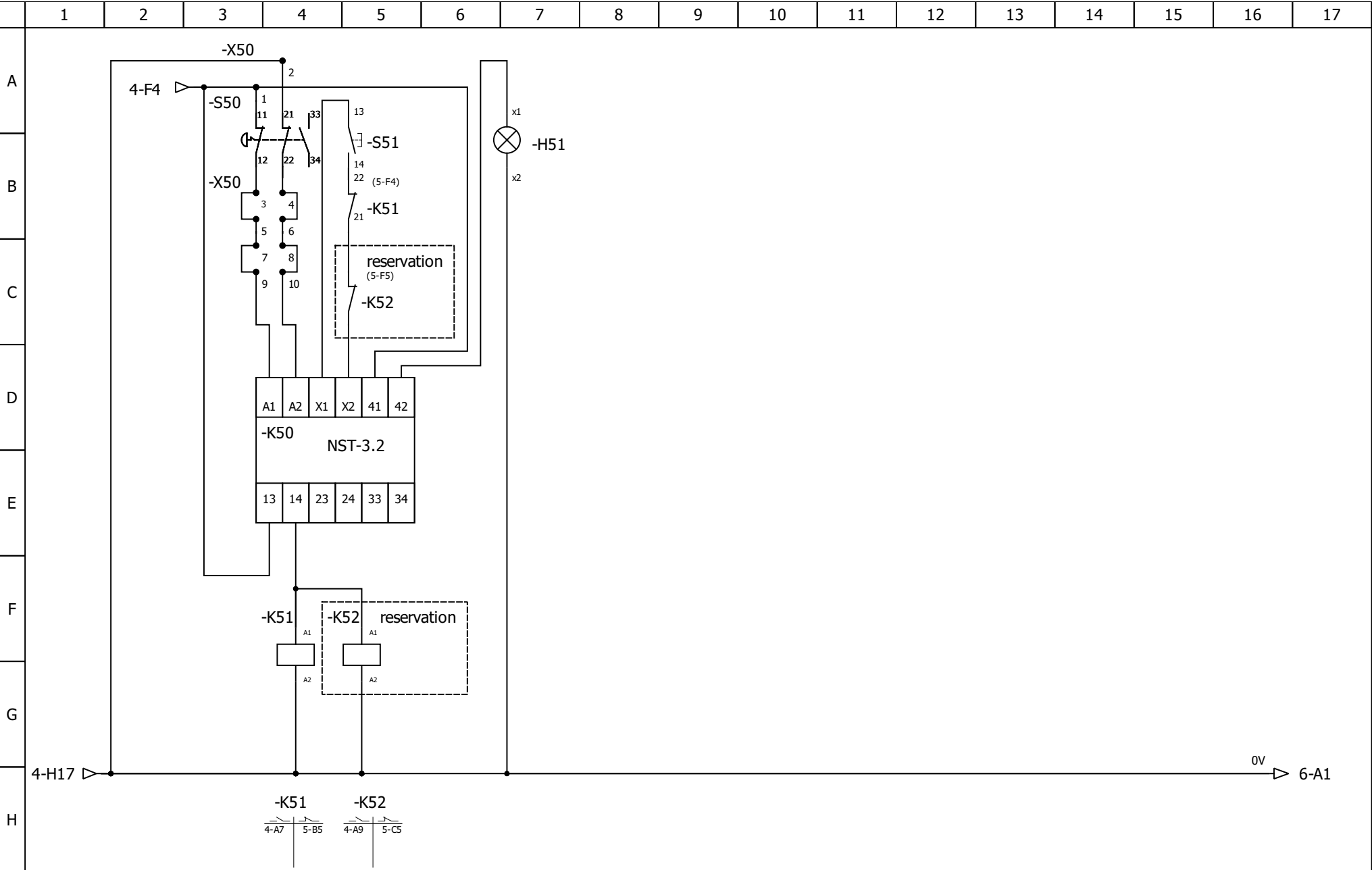
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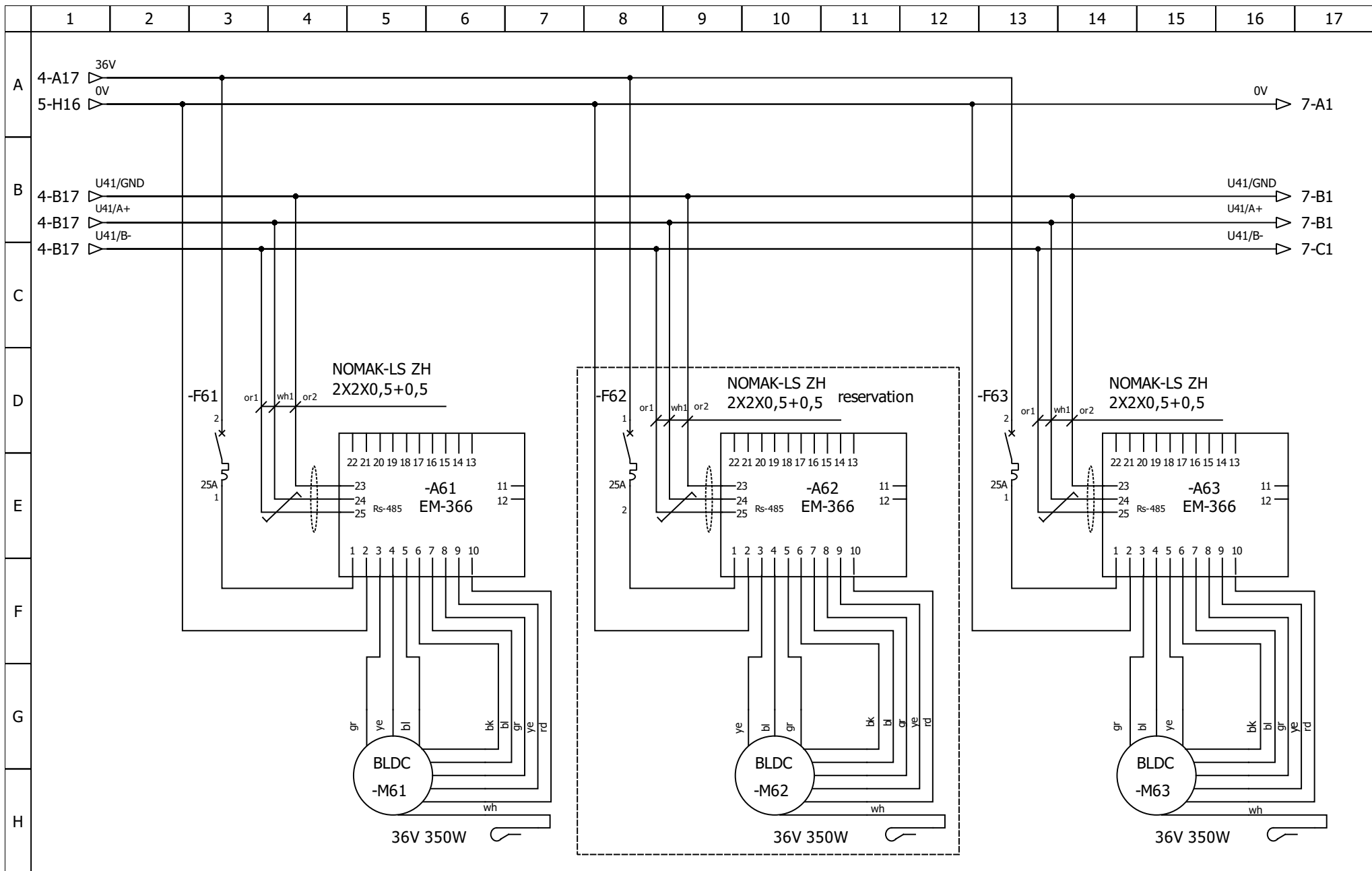


Main control

Folio: 4/8

rev: A





Drawn: TNI

Jaska the the mobilerobot

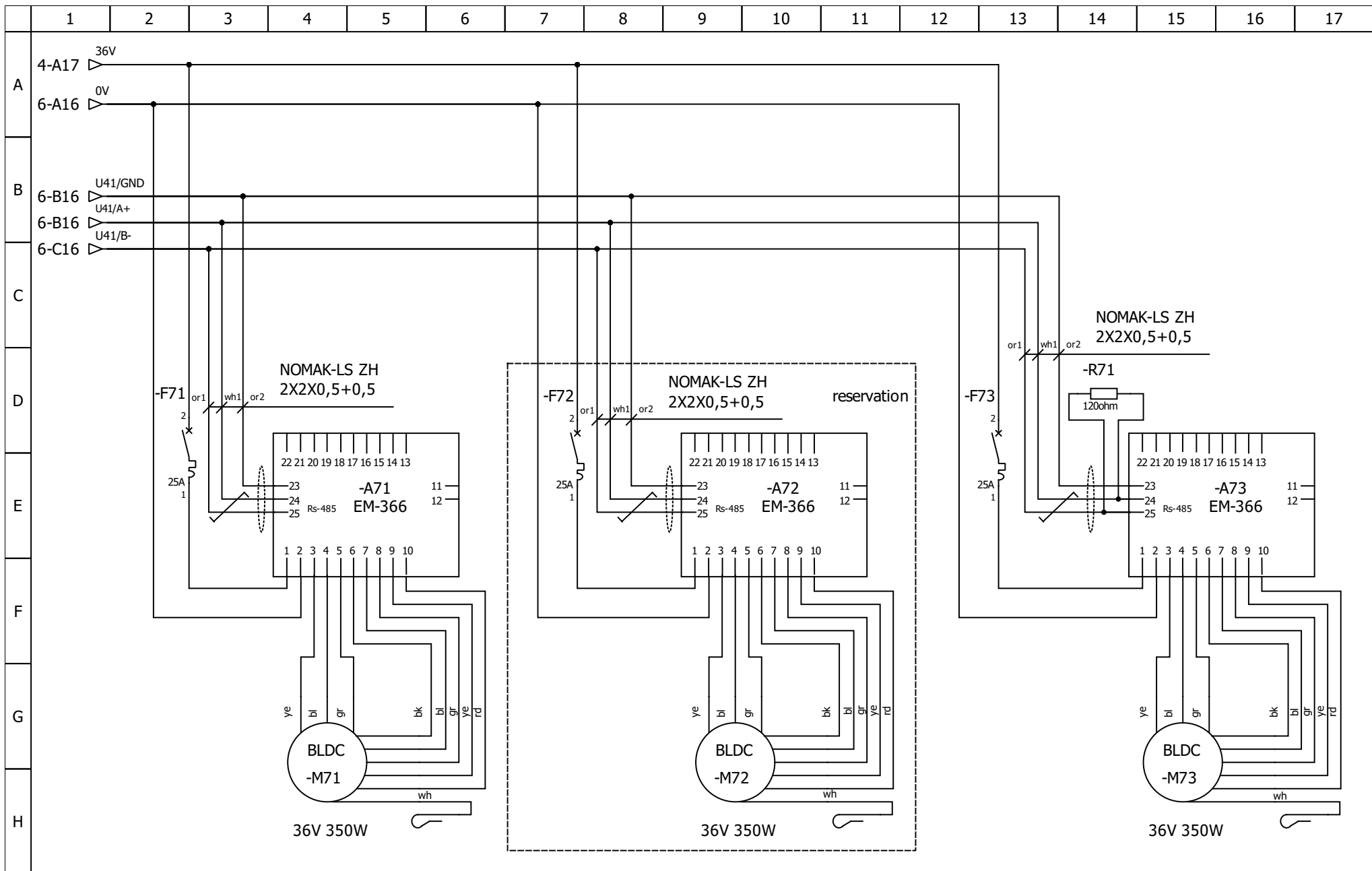
Date: 3.12.2025



Motor control Portside

Folio: 6/8

rev: A



Drawn: TNI

Jaska the the mobilerobot

Date: 3.12.2025



Motor control Starboard

Folio: 7/8

rev: A

