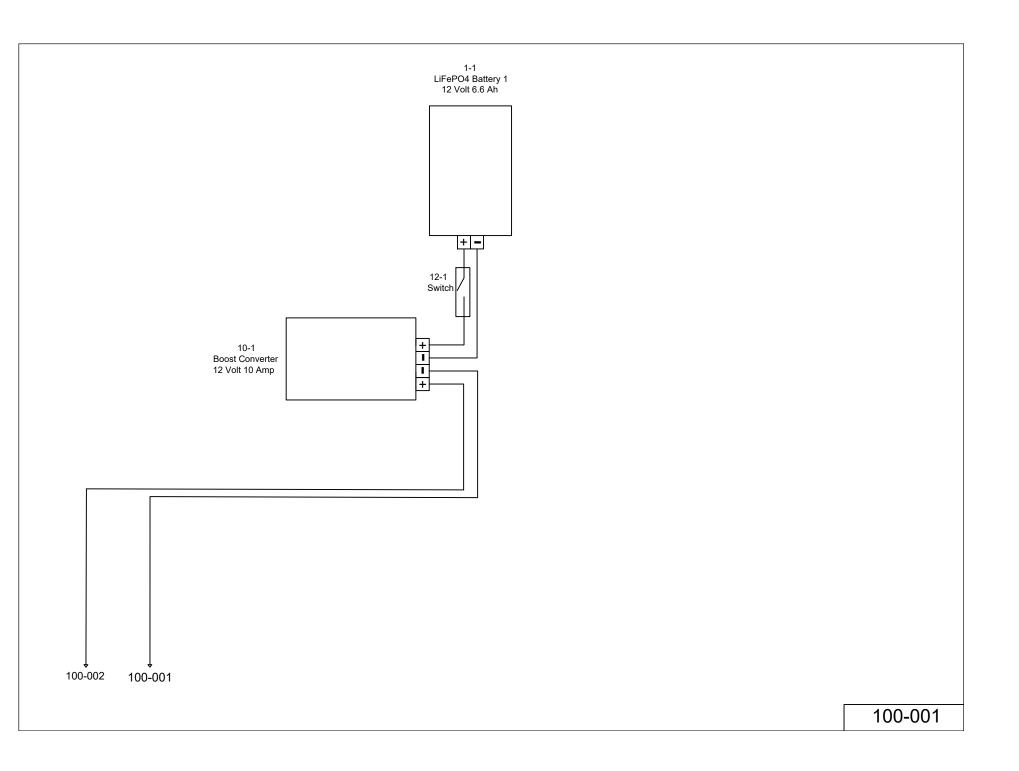
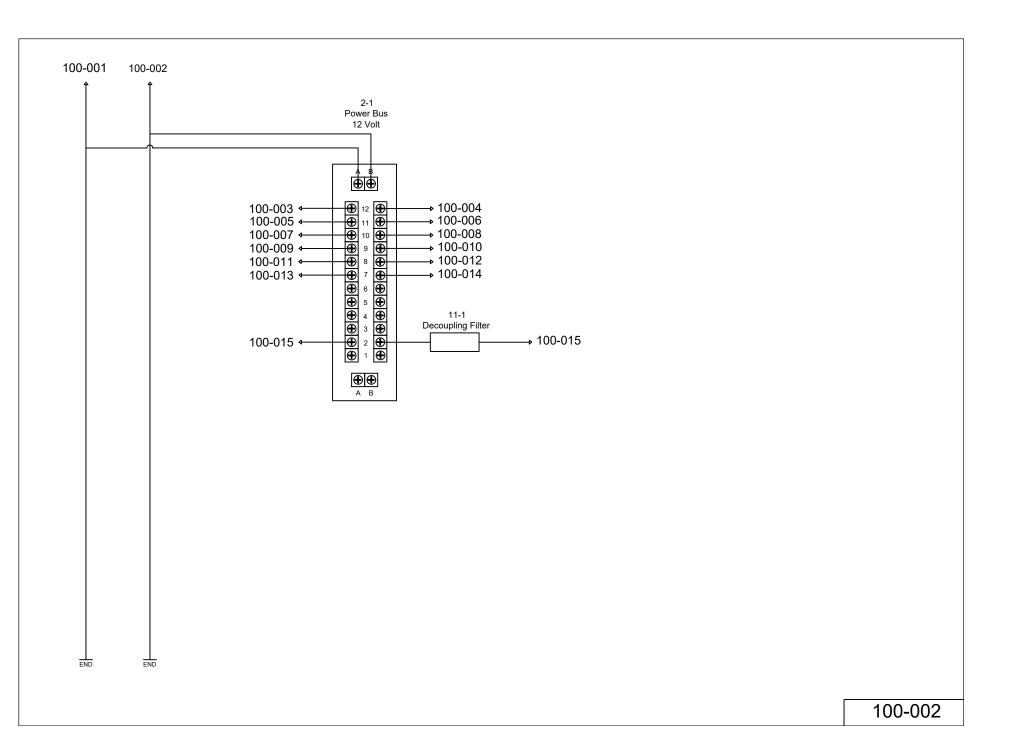
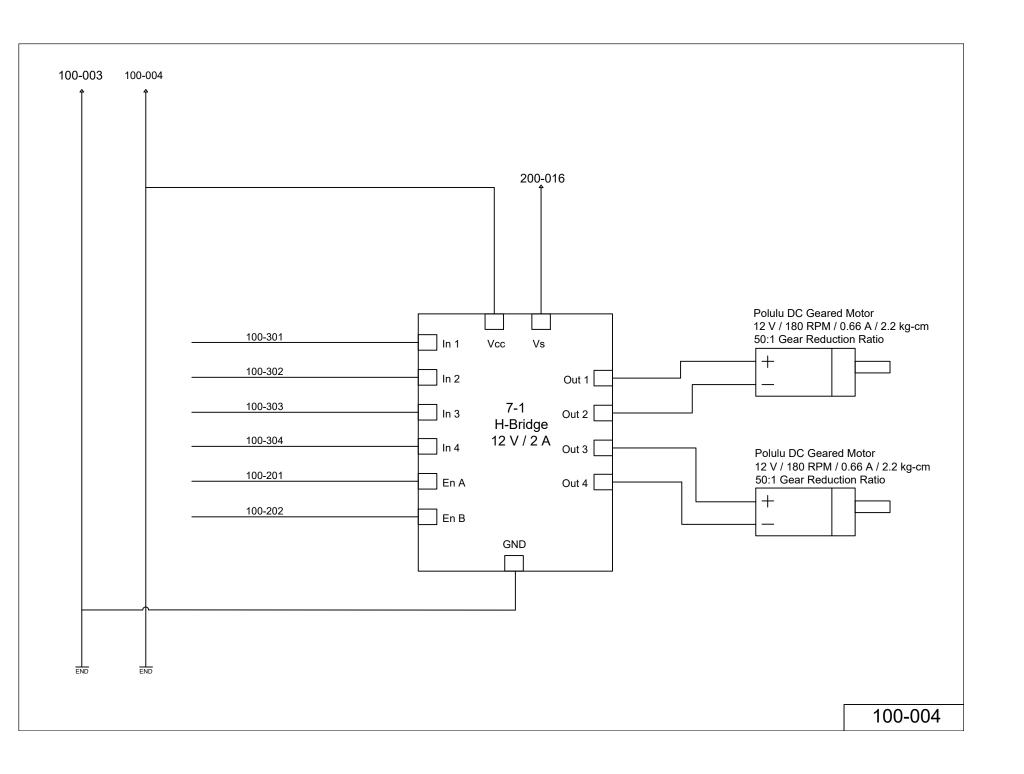
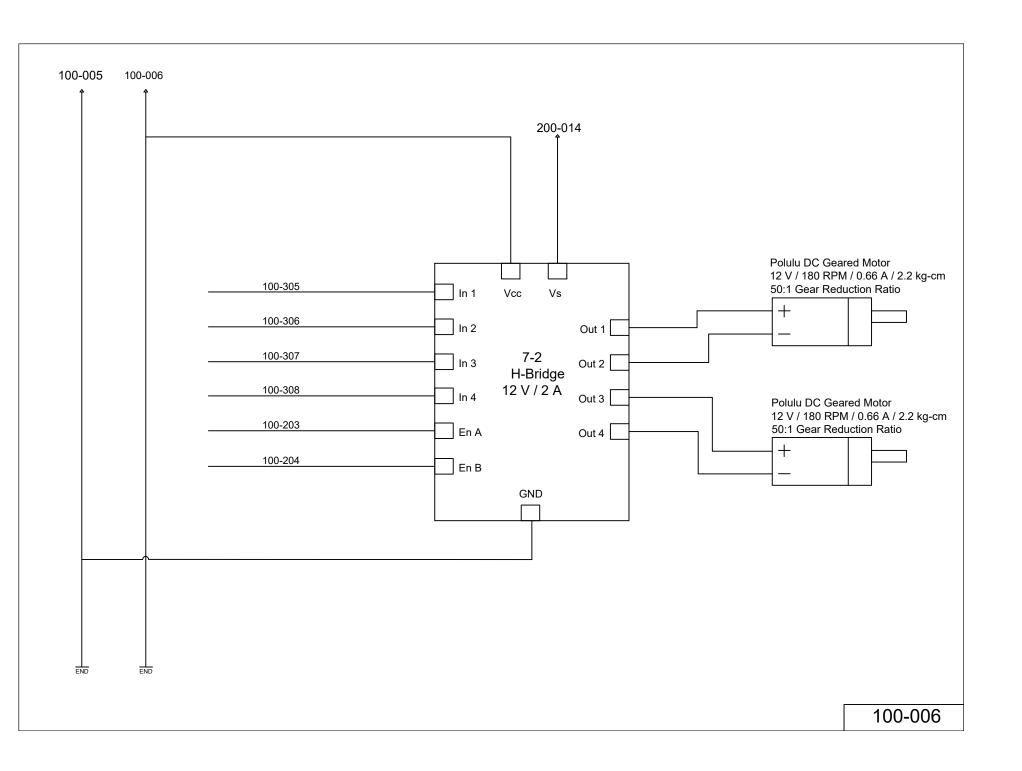
## SouthEast Con Robotic Competition 2022 Robotic Drawing Package

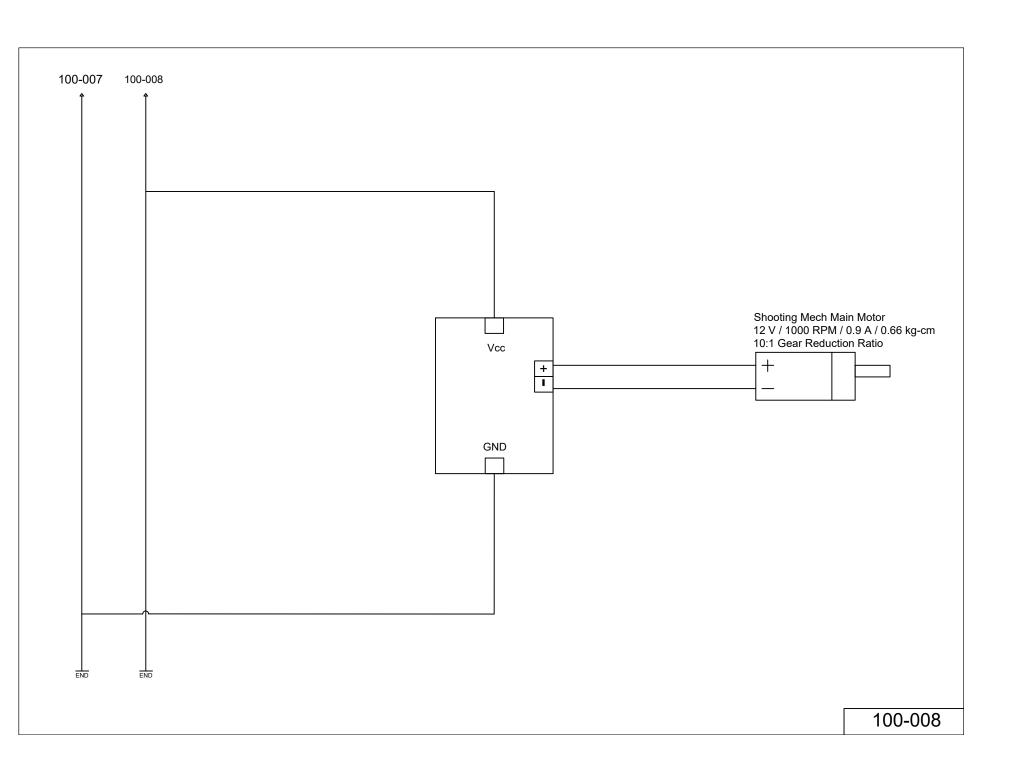
#	Product Name	Quantity	#	Product Name	Quantity
1	LiFePO4 Battery 12 V 6.6Ah	1			
2	Power Bus	3			
3	Buck Convertor	3			
4	Raspberry Pi 4B	1			
5	USB-C cord to Raspberry Pi	1			
6	Adafruit 16-Channel 12-bit PWM/Servo Shield	1			
7	H-Bridge L298N Motor Drive Controller Board	3			
8	Arduino Mega 2560	2			
9	Arduino Mega 2560 Power Cord	2			
10	Boost Converter	1			
11	Decoupling Capacitance	3			
12	Switch	2			
13	2-Channel Emergency Stop	1			
14	Line Following Array	3			

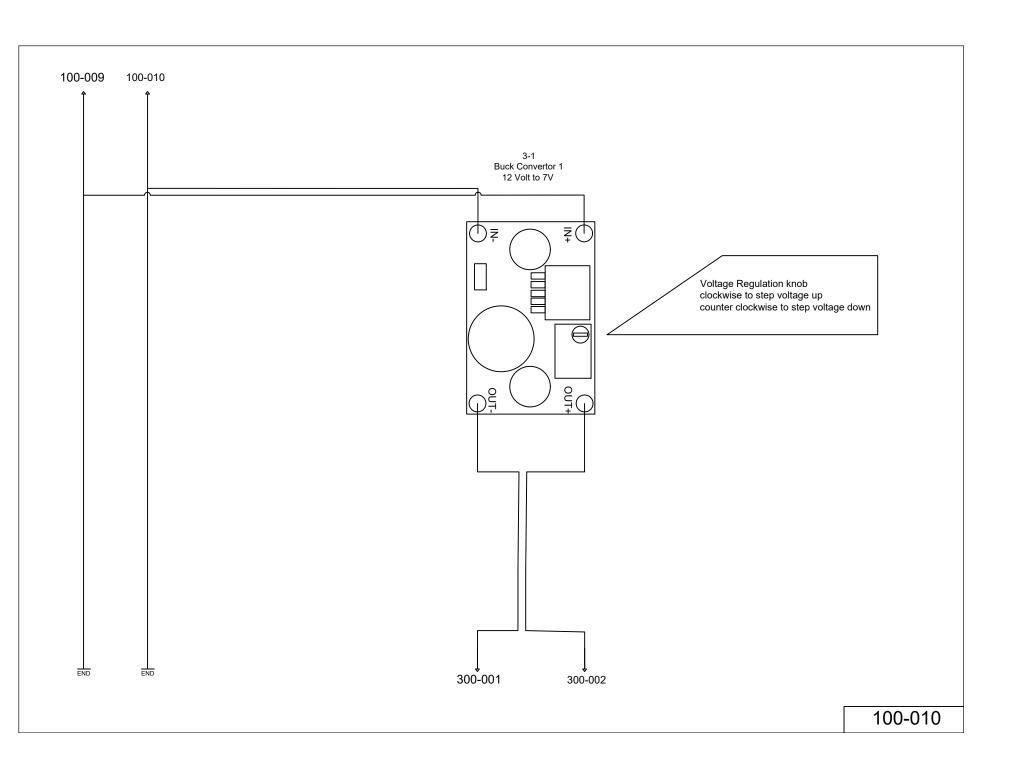


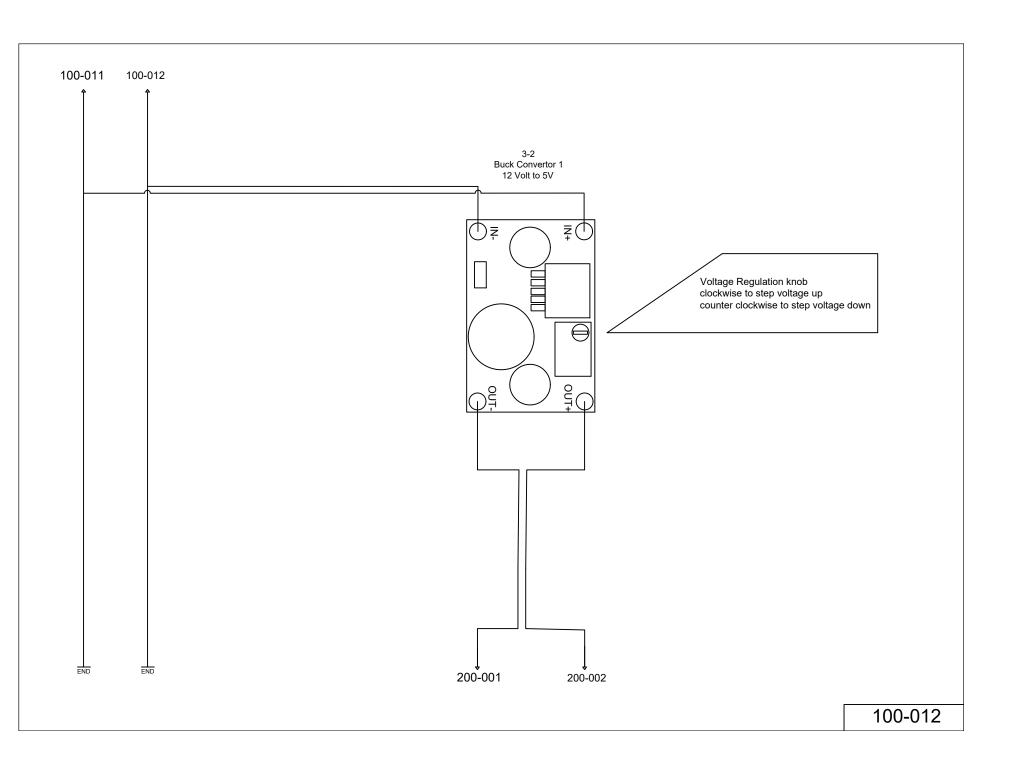


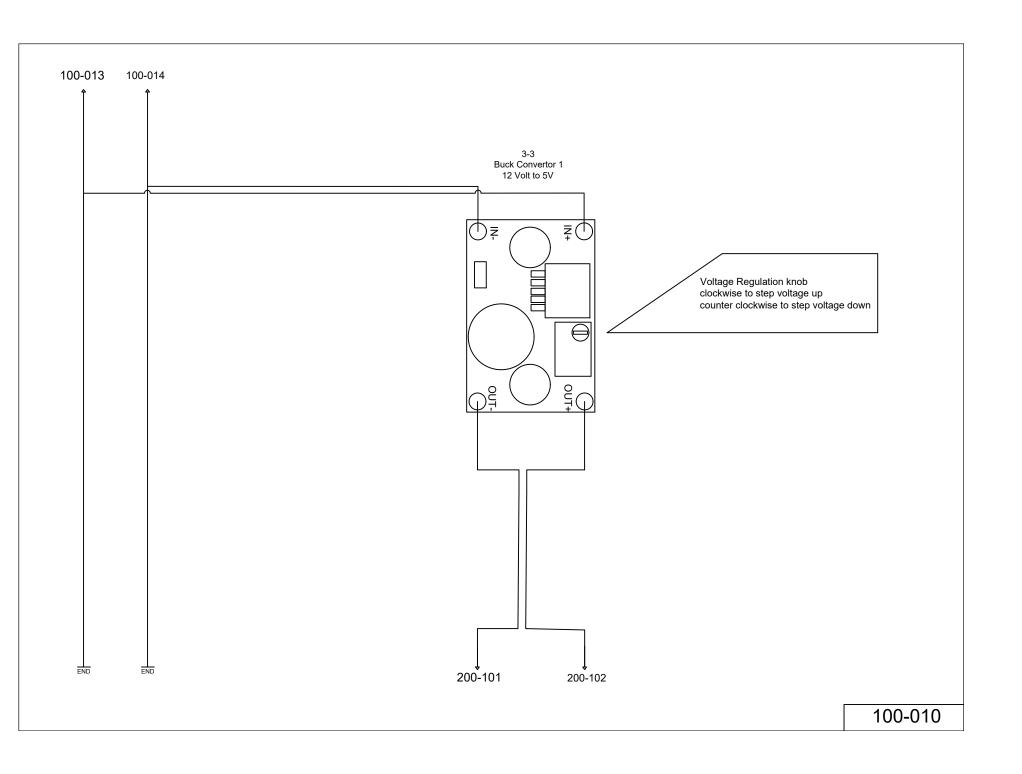


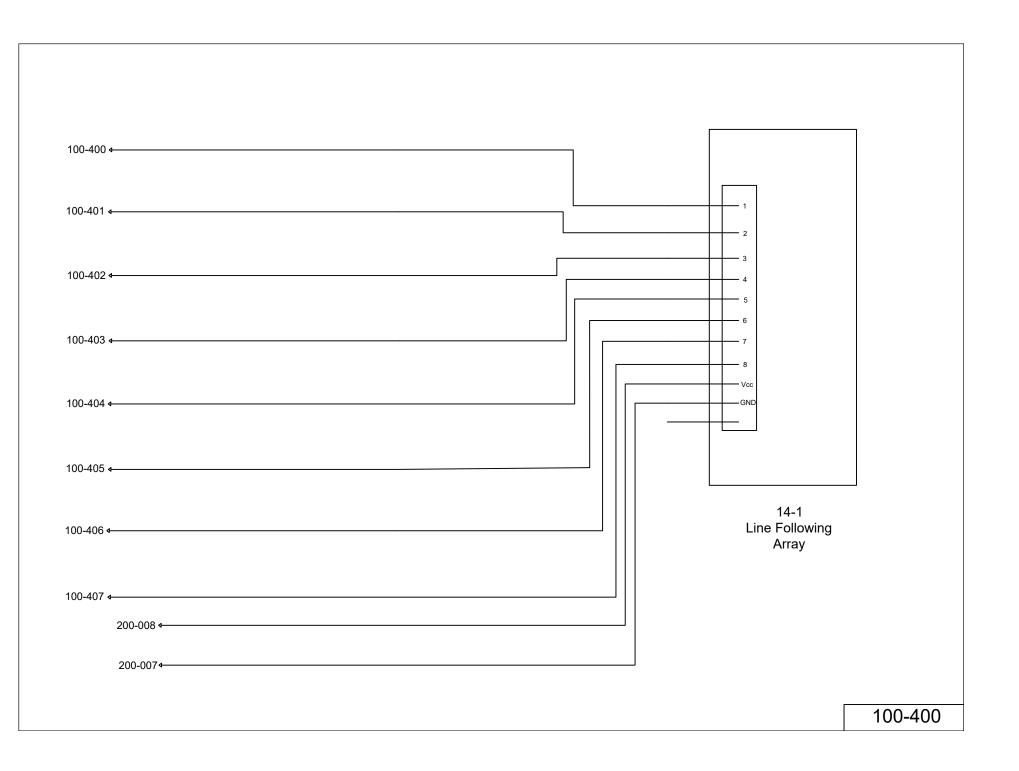


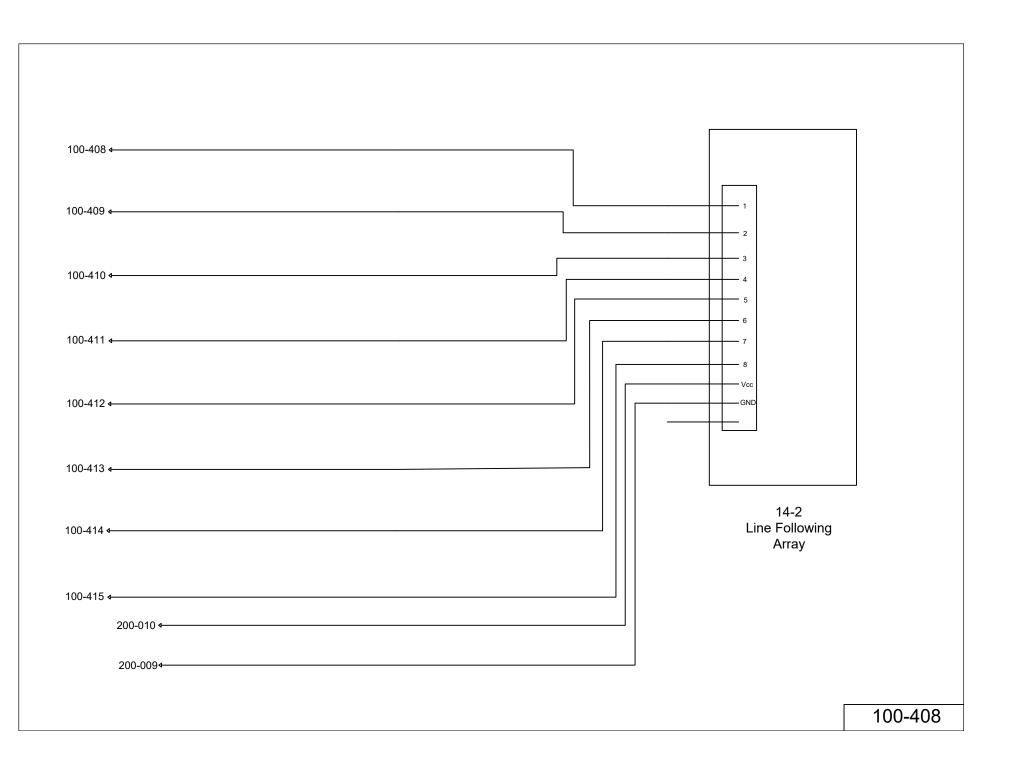


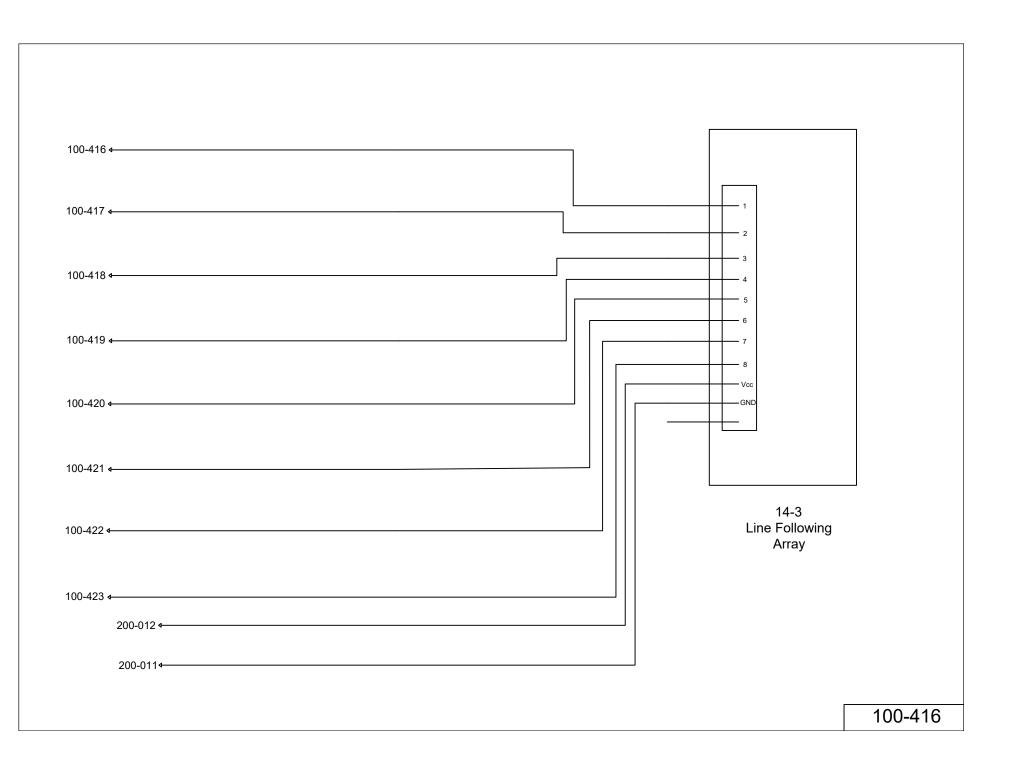


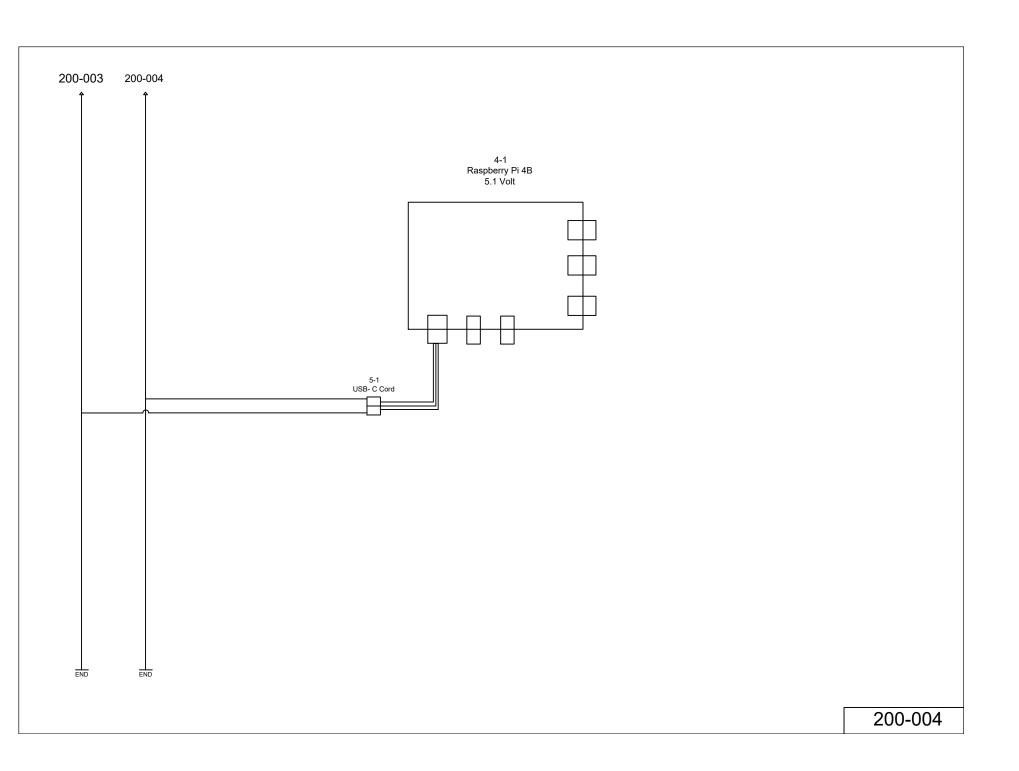


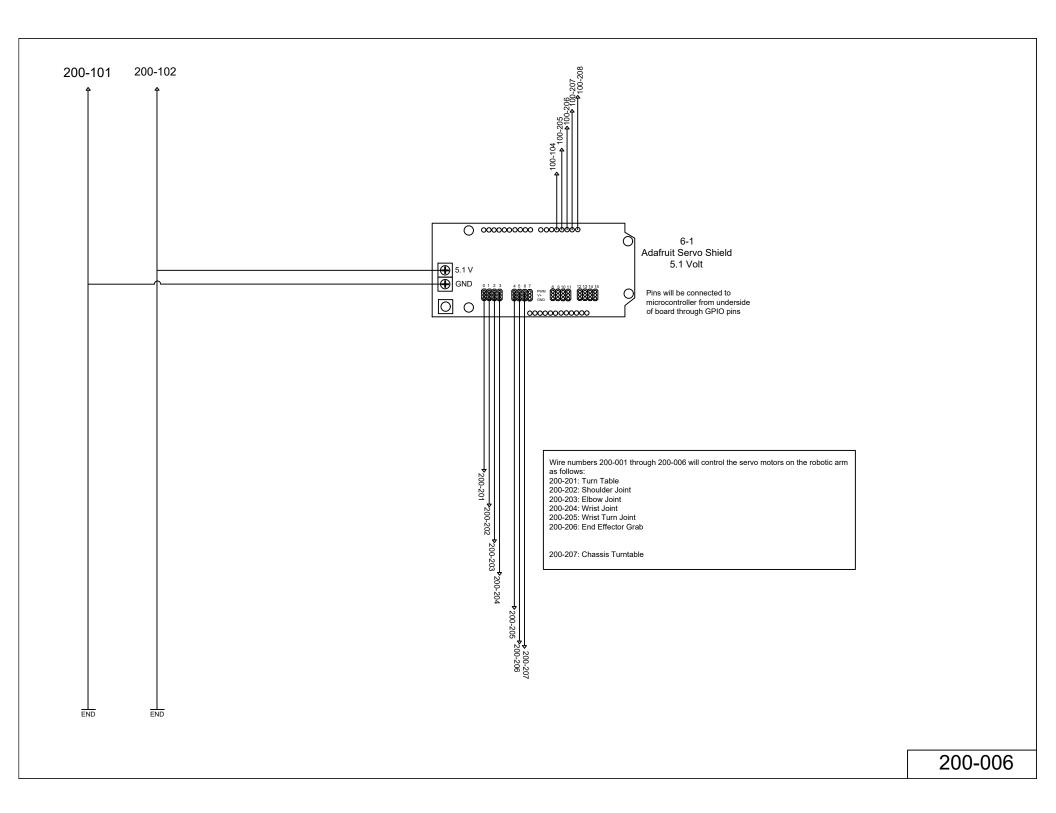












200-201←	Т	urn Table Servo Motor
200-202 4		houlder Joint Servo otor
200-203 ←	E	lbow Joint Servo Motor
200-204 ←	v	/rist Joint Servo Motor
200-205 ←		rist Turn Joint Servo otor
200-206		nd Effector Grab Servo otor
200-207∢		hassis Turn Table Servo otor
200-208 4		nooting Mech Reload ervo Motor
	Wire numbers 200-001 through 200-006 will control the servo of as follows: 200-201: Turn Table 200-202: Shoulder Joint 200-203: Elbow Joint 200-204: Wrist Joint 200-205: Wrist Turn Joint 200-206: End Effector Grab 200-207: Chassis Turntable 200-208: Shooting Mechanism Reload	notors on the robotic arm 200-201

