


W2024

## SI OPERATION

- 1) REGULATOR (GREEN) ☐
- 2) BATTERY VOLT. TO L293D (YEL) ☐
- 3) POWER TO ARDUINO ☐  ☐

NAME: Murphy Murphy

VERIFIED: MAN-TH/2

DATE: 07-03-24

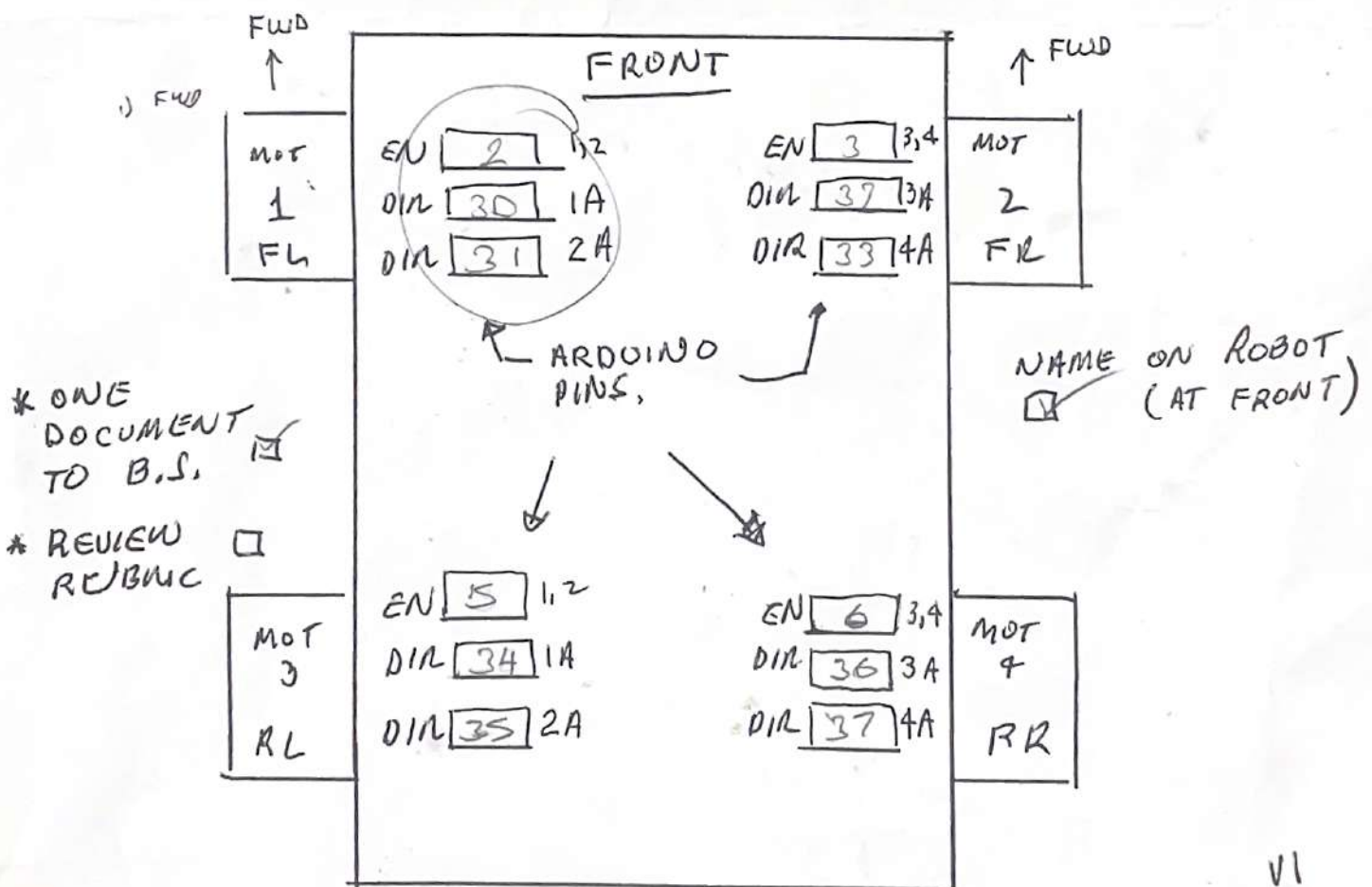
\* USE BENCH SUPPLY  
SET TO 8.0 VOLTS.

CURRENTS: (IN mA).





















1 FL 215 ☒ 2 FR 185 ☒  
3 RL 185 ☒ 4 RR 187 ☒

TOP AND BOTTOM  
CHASSIS  
INSTALLED. ☒

5	BOTH FRONT	<u>356</u>	<input checked="" type="checkbox"/>
6	BOTH REAR	<u>357</u>	<input checked="" type="checkbox"/>
7	ALL 4 MOTORS	<u>648</u>	<input checked="" type="checkbox"/>



## Motor wiring colours and pin numbers

Motor 1			Motor 2			Motor 3			Motor 4		
L293D right			L293D right			L293D left			L293D left		
Pos 	Neg  pin		Pos 	Neg  pin		Pos 	Neg  pin		Pos 	Neg  Pin	
pin = 6	= 3		pin = 11	pin = 14		pin = 6	pin = 3		pin = 11	Pin = 14	
Arduino pins			Arduino pins			Arduino pins			Arduino pins		
Pin= 2 	Pin=30 	Pin=31 	Pin= 3 	Pin=32 	Pin=33 	Pin= 5 	Pin=34 	Pin=35 	Pin= 6 	Pin=36 	Pin=37 
L293D right			L293D right			L293D left			L293D left		
Pin= 1	Pin=2	Pin=7	Pin=9	Pin=10	Pin=15	Pin= 1	Pin=2	Pin=7	Pin=9	Pin=10	Pin=15