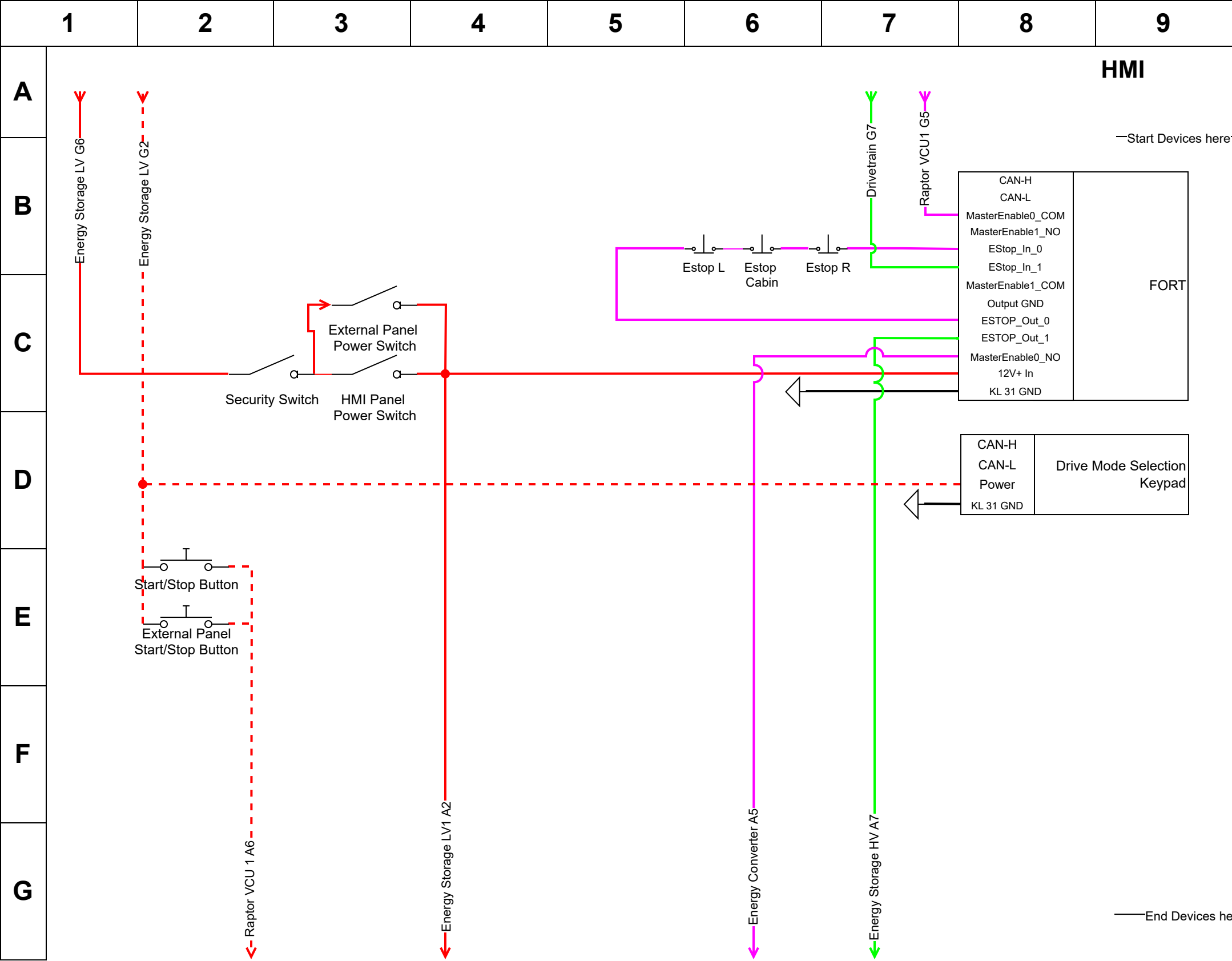
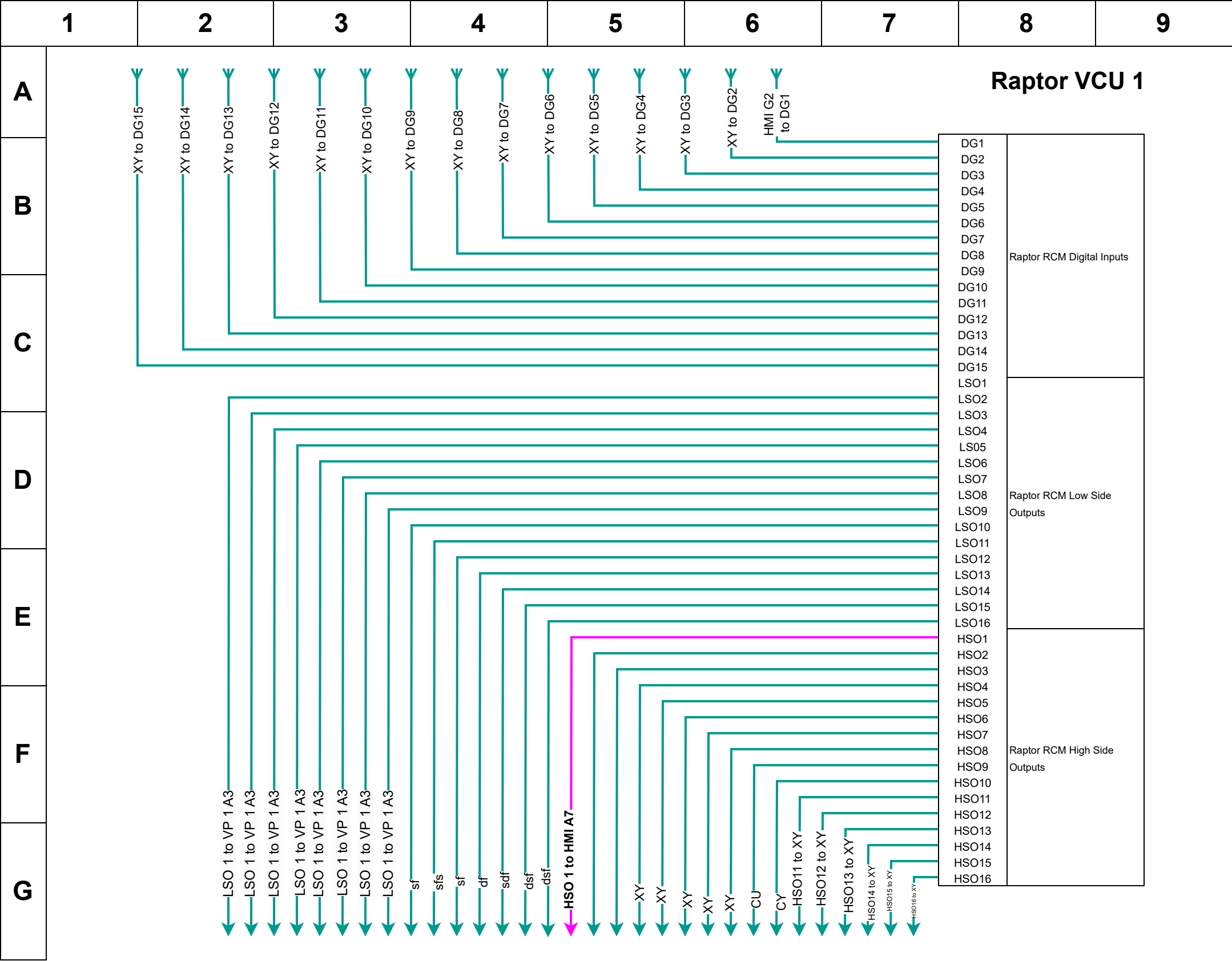


	1	2	3	4	5	6	7	8	9
A	<div>Brakes</div> <div>Start Devices here</div> <p>The diagram illustrates the electrical connections for a braking system. It features a grid with columns 1 through 9 and rows A through G. In column 1, there are six red arrows pointing down, each labeled 'Energy storage LV 1 G4'. These arrows connect to a series of red lines that branch out to two modules: 'Brake Front' and 'Brake Rear'. The 'Brake Front' module has four inputs: Power, Logic, Aux, and Wake, and a 'KL 31 GND' output. The 'Brake Rear' module also has four inputs: Power, Logic, Aux, and Wake, and a 'KL 31 GND' output. A common ground line, labeled 'KL 31', runs vertically through column 7, connecting to the 'KL 31 GND' outputs of both brake modules and terminating in a ground symbol at the bottom. A teal line runs horizontally through row 3, connecting to the 'Logic' inputs of both brake modules. The text 'End Devices here' is located at the bottom right of the diagram area.</p> <div>End Devices here</div>								
B									
C									
D									
E									
F									
G									



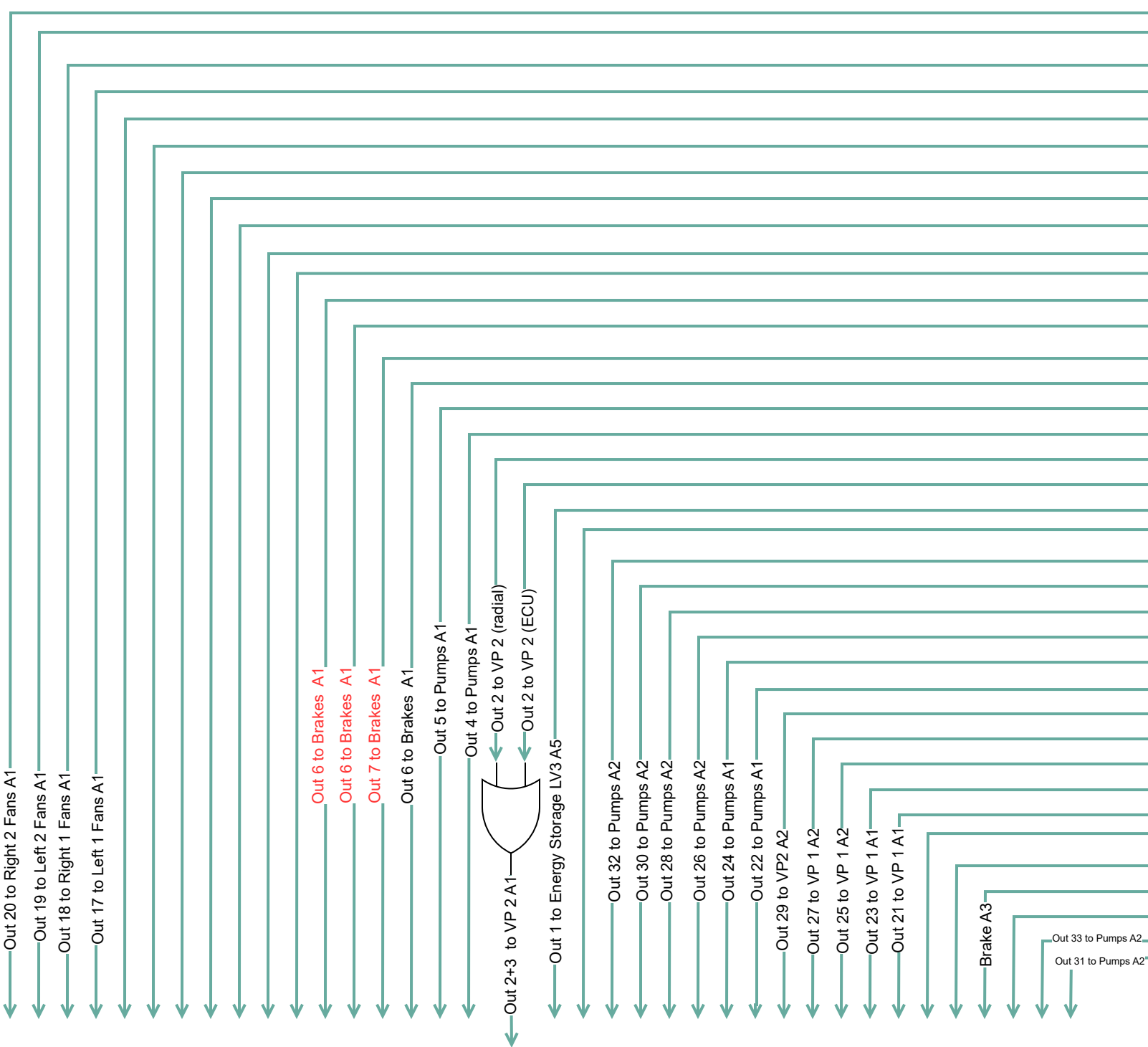


1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

A
B
C
D
E
F
G

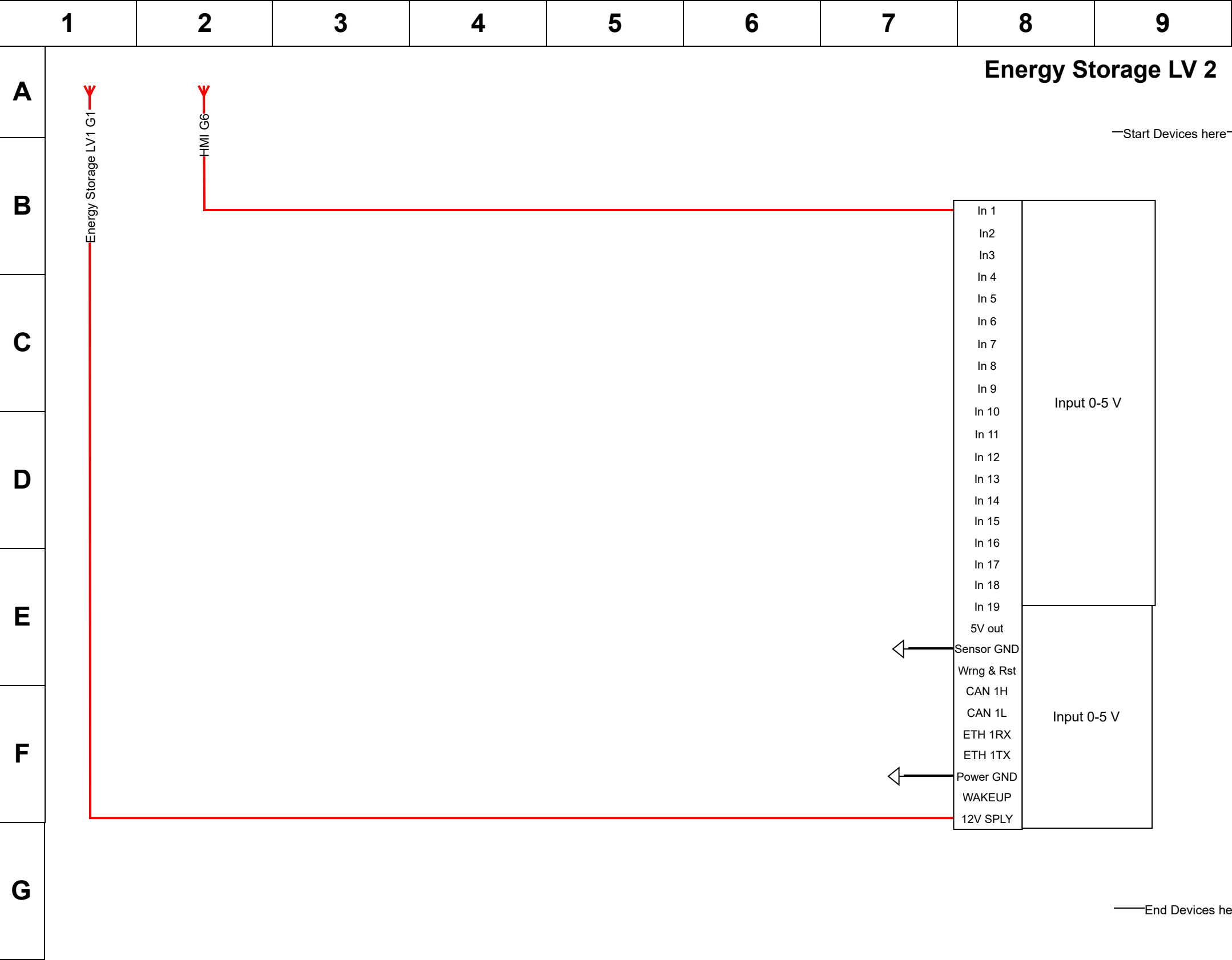
Energy Storage LV 3

Start Devices here



Out 20	40 A Output
Out 19	
Out 18	
Out 17	
Out 16	
Out 15	
Out 14	
Out 13	
Out 12	
Out 11	
Out 10	
Out 9	
Out 8	
Out 7	
Out 6	
Out 5	
Out 4	
Out 3	
Out 2	
Out 1	
Out 34	15 A Output (High Side)
Out 32	
Out 30	
Out 28	
Out 26	
Out 24	
Out 22	
Out 29	
Out 27	
Out 25	
Out 23	15 A Output (Low Side)
Out 21	
Low Out 11	
Low Out 12	
Low Out 13	
Low Out 14	
Low Out 33	
Low Out 31	

End Devices here



1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

A

B

C

D

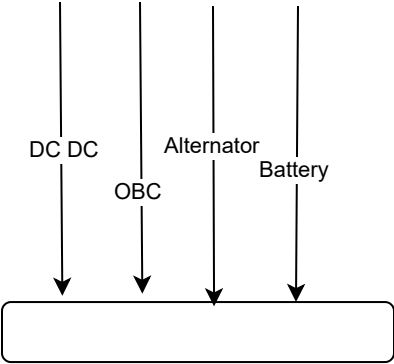
E

F

G

Energy Storage LV 1

—Start Devices here—



Relay Power

LV Contactor

NO

12 V Battery 135 Ah

KL_30

KL15_EN

HMI A2

Raptor VCU A6

—End Devices here—

HMI A1
Raptor VCU A5
Drivetrain Front A1
Drivetrain Rear A1
Energy Converter A1
Energy Storage HV A1
Energy Storage LV2 A1

Energy Storage HV G5

Energy Storage HV G6

HMI G4

