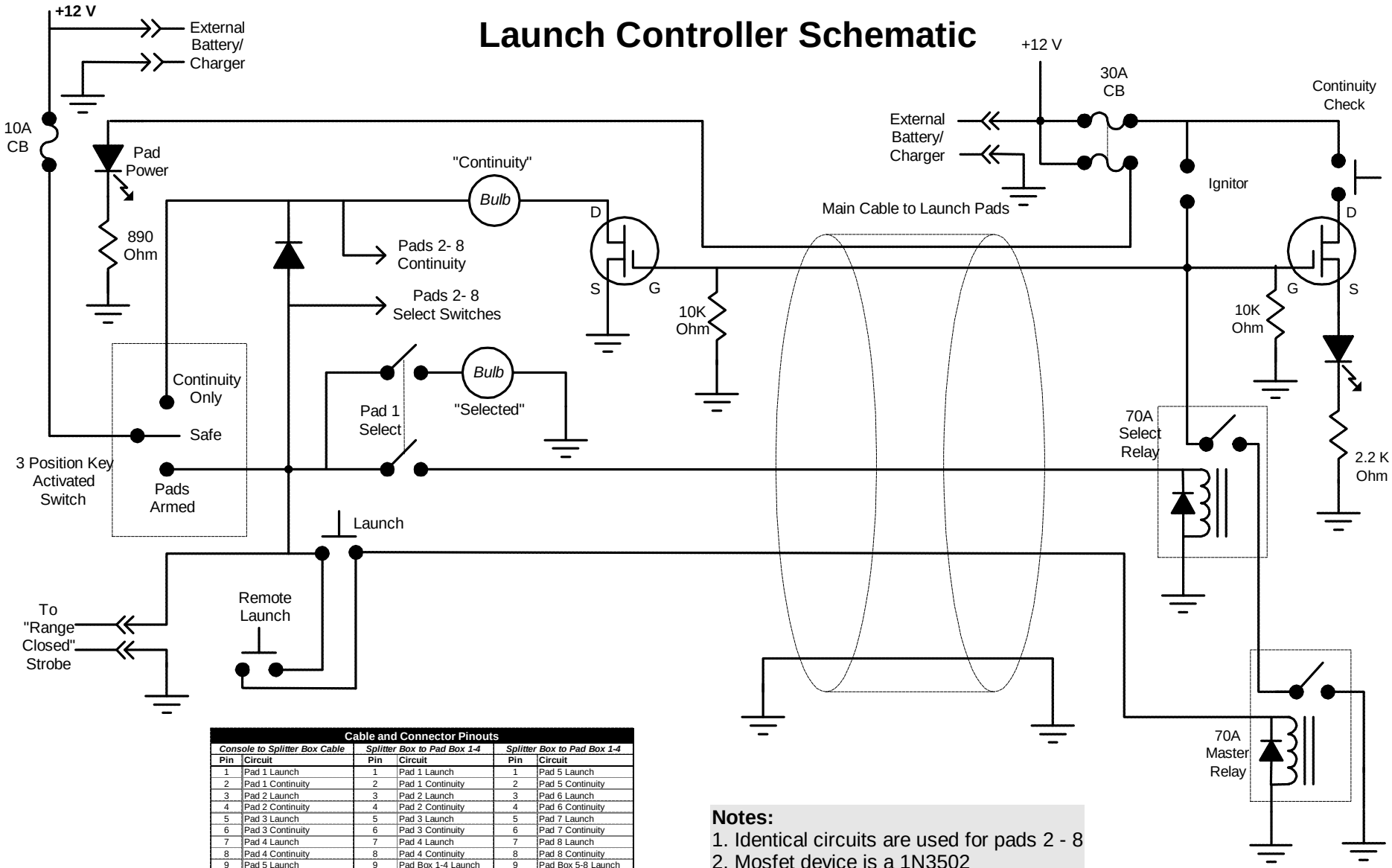
Launch Controller Schematic



Cable and Connector Pinouts					
Console to Splitter Box Cable		*Splitter Box to Pad Box 1-4*		*Splitter Box to Pad Box 1-4*	
Pin	**Circuit**	**Pin**	**Circuit**	**Pin**	**Circuit**
1	Pad 1 Launch	1	Pad 1 Launch	1	Pad 5 Launch
2	Pad 1 Continuity	2	Pad 1 Continuity	2	Pad 5 Continuity
3	Pad 2 Launch	3	Pad 2 Launch	3	Pad 6 Launch
4	Pad 2 Continuity	4	Pad 2 Continuity	4	Pad 6 Continuity
5	Pad 3 Launch	5	Pad 3 Launch	5	Pad 7 Launch
6	Pad 3 Continuity	6	Pad 3 Continuity	6	Pad 7 Continuity
7	Pad 4 Launch	7	Pad 4 Launch	7	Pad 8 Launch
8	Pad 4 Continuity	8	Pad 4 Continuity	8	Pad 8 Continuity
9	Pad 5 Launch	9	Pad Box 1-4 Launch	9	Pad Box 5-8 Launch
10	Pad 5 Continuity	10	Pad Box 1-4 Power	10	Pad Box 5-8 Power
11	Pad 6 Launch	11		11	
12	Pad 6 Continuity	12		12	
13	Pad 7 Launch	13		13	
14	Pad 7 Continuity	14		14	
15	Pad 8 Launch	15		15	
16	Pad 8 Continuity	16	Pad Box 1-4 Ground	16	Pad Box 5-8 Ground
17	Pad Box 1-4 Launch				
18	Pad Box 1-4 Power				
19	Pad Box 5-8 Launch				
20	Pad Box 5-8 Power				
21					
22					
23					
24	Pad Box 1-4 Ground				
25	Pad Box 5-8 Ground				

Notes:

1. Identical circuits are used for pads 2 - 8
2. Mosfet device is a 1N3502
3. All console switches are Allen Bradly type
4. All Console lamps are Allen Bradley type
5. All LEDs are high intensity
6. All ignitor primary wiring is 10 ga stranded