

Figure 1: Johnson's Design

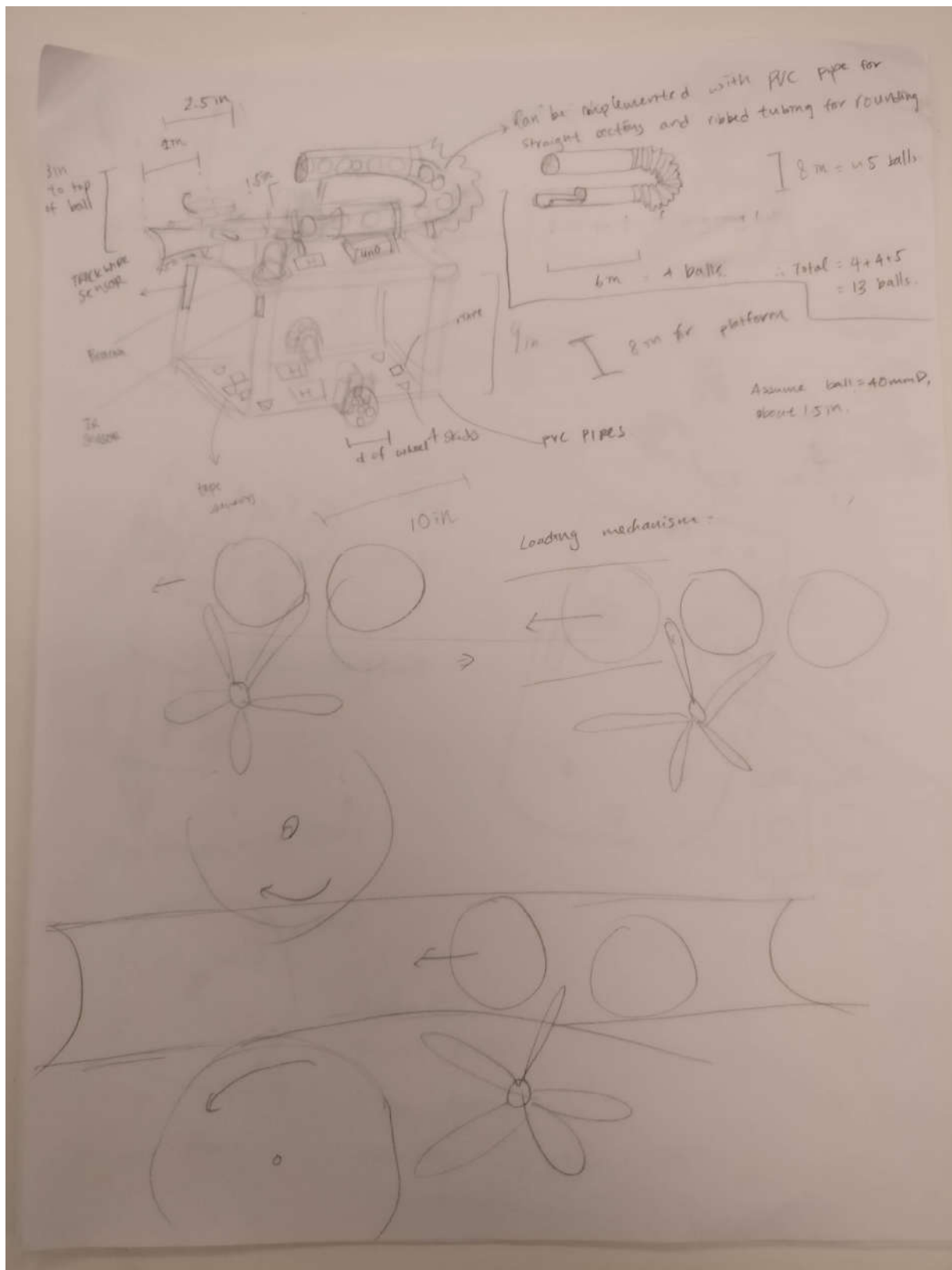


Figure 2: Jacqueline's Design

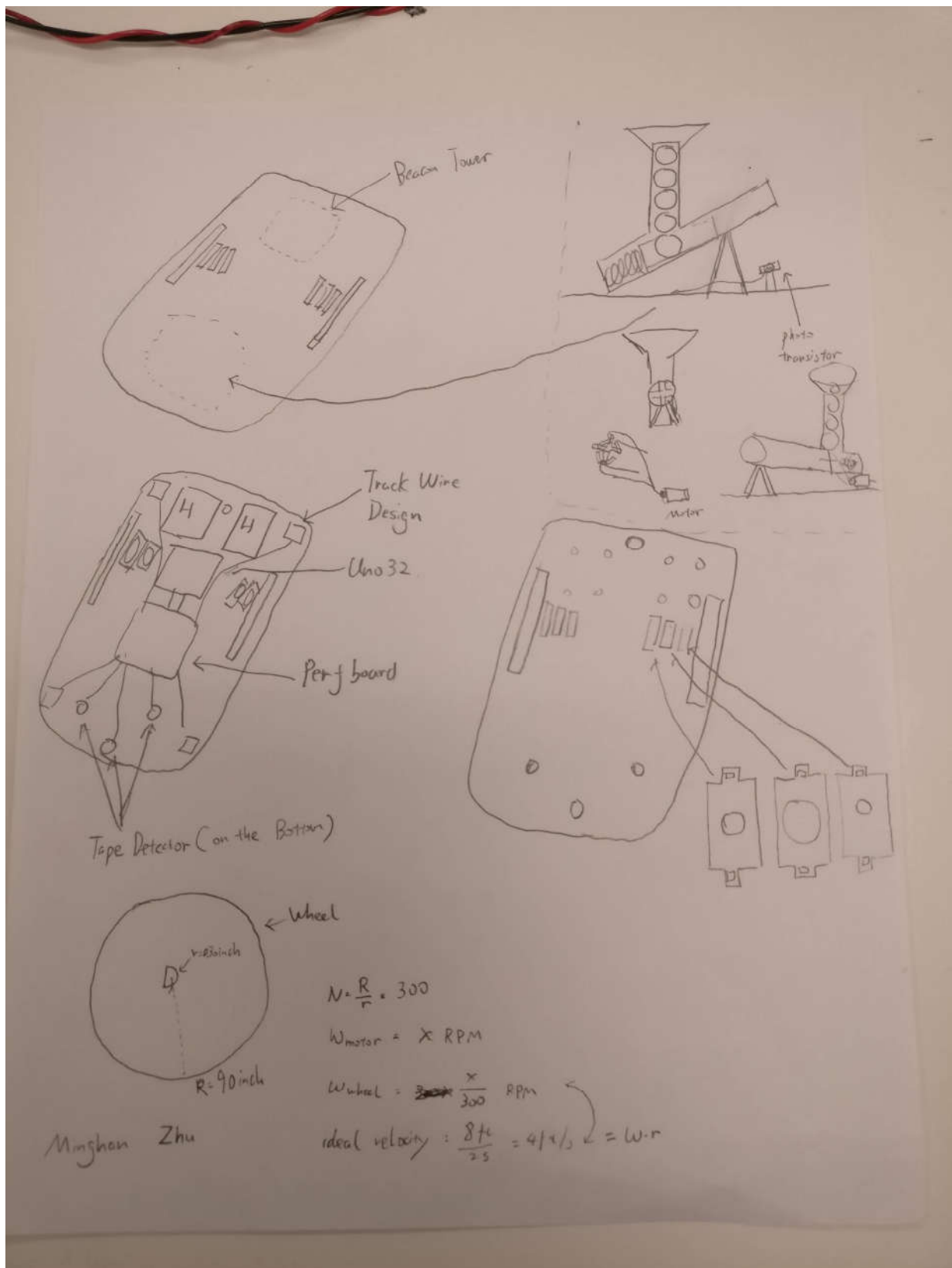


Figure 3: Minghan's Design

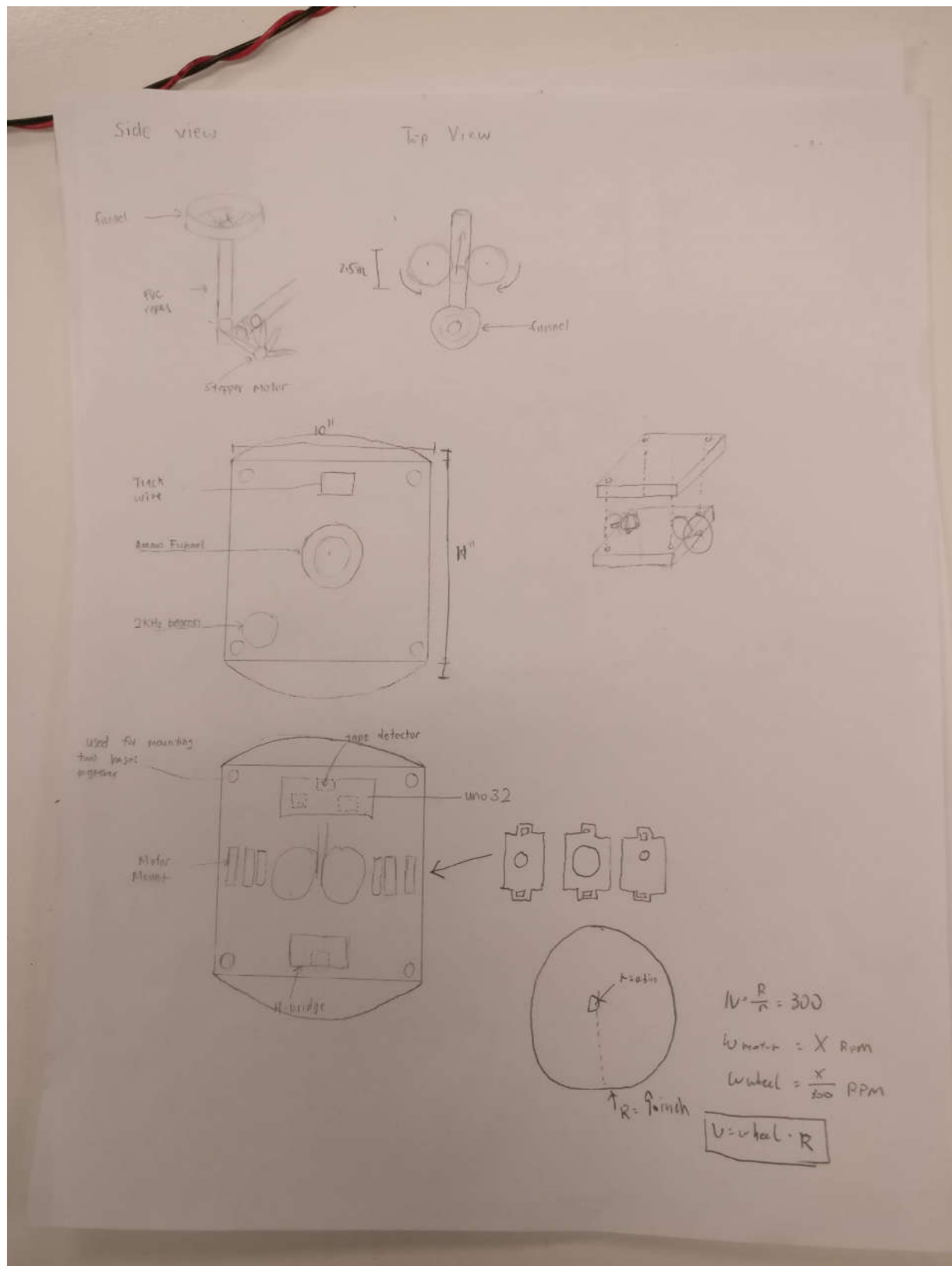


Figure 4: Merged Team Design

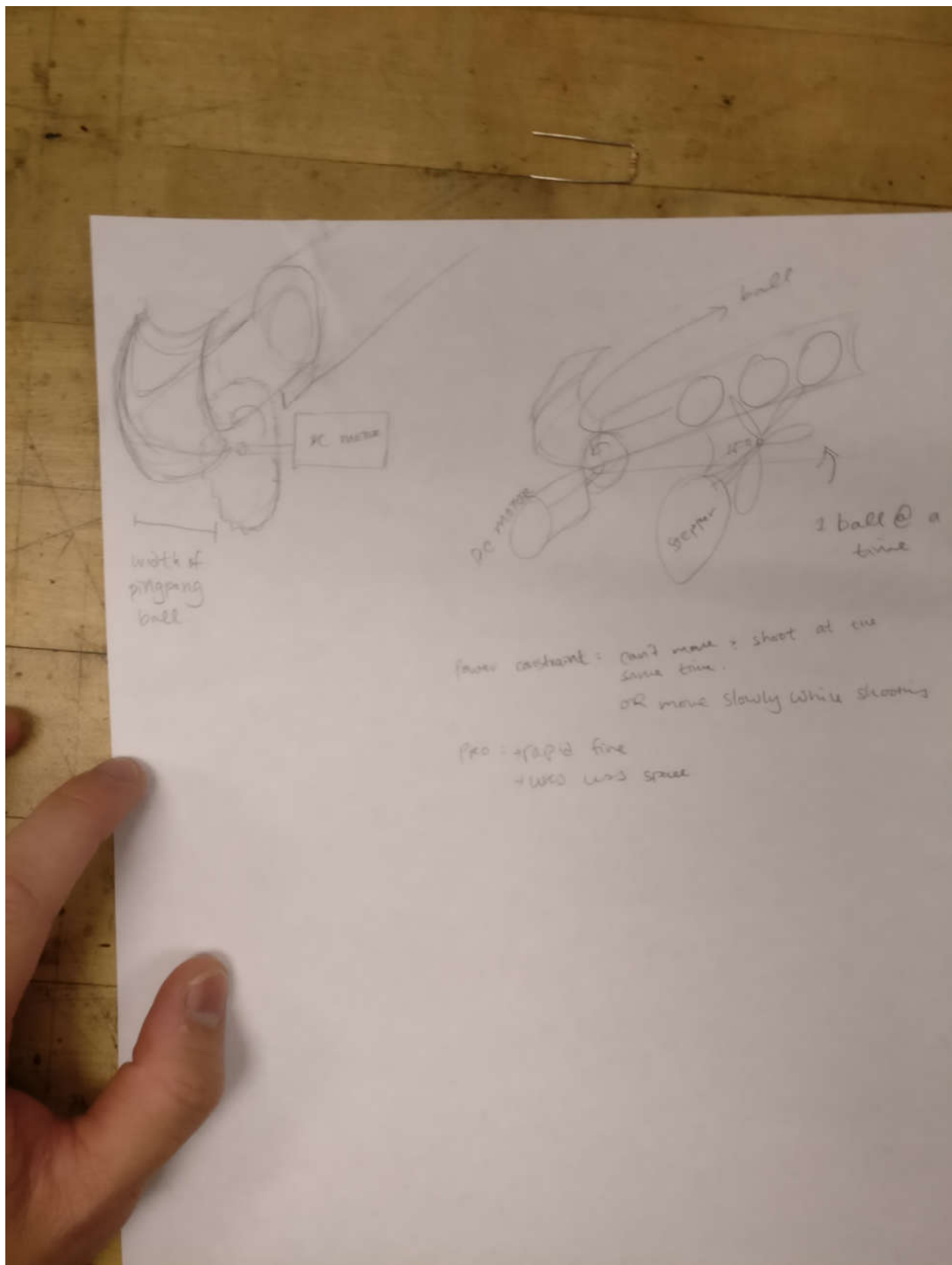


Figure 5: Improved Launcher Design

# Engineering Notebook

## CMPE118

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### Checkoff 1

How are you and your team going to accomplish your project goals?

- The first step to accomplishing our goals is set a schedule. We've decided on working in the afternoon. Furthermore, we plan on creating a simple schedule for intermediate goals. Our first goal is finishing our content for Checkoff 2.
- The second step to accomplishing our goals is to assign the primary and secondary to each of the different disciplines:
  - Mechanical: Primary: Jacqueline, Secondary: Johnson & Minghan
  - Electrical: Primary: Johnson, Secondary: Jacqueline & Minghan
  - Software: Primary: Minghan, Secondary: Jacqueline & Johnson

### Checkoff 2

Discipline splits above.

S	M	T	W	TH	F	Sa
			11/7	11/8 Presentation -- Check off 2 Done	11/9	11/10 Weekly Engineering Notebook update!
11/11	11/12 State Machine First Draft	11/13	11/14 Solidworks designs done -- Solidify Electrical Design	11/15 State Machine Second Draft	11/16 Assemble the robot/ revise --- Finish all Electrical Perfboards	11/17 Weekly Engineering Notebook update!
11/18	11/19	11/20	11/21	11/22	11/23	11/24

	State Machine Done	Launcher Test 1	Launcher Test 2	Launcher Test 3	Potential Mid-Project Review Date. -- All prototypes due -- Launcher Final Test	Weekly Engineering Notebook update!
11/25 <b>Debugging!!</b> → <b>ALL WEEK</b>	11/26	11/27	11/28	11/29	11/30 Attempt Checkoff!!! (Beer Challenge)	12/1 Weekly Engineering Notebook update!
12/2 <b>Final Debugging</b> Bright light testing before competition →	12/3	12/4	12/5	12/6	12/7 <b>Competition !!</b>	12/8 Weekly Engineering Notebook update!
12/9	12/10	12/11	12/12 <b>Final Checkoff</b> --- <b>Lab Report DUE!!!</b>	12/13	12/14	12/15

