

## Team Meeting #11

11/20/19

### Circuit Diagram

- Power to motor issue
- Power supply that plugs into the wall

### 8020 Vice

- Framework
  - First option for the side view allows for polycarbonate to easily be attached without drilling
  - Second option for the front plane allows the wheels to be shielded by a door

### Wiki Page

- Make Pictures Larger
- Try to push some of the pictures to the side to allow for more room
- Add more views on our initial designs
- Add graphics from the Design Review
- Add the DVP to the Validation section

### Schedules

- 2:00 p.m. on Mondays or Wednesdays work for everyone
- We need to check this time with Angel

### Swenson's Notes

- Stop worrying about the casing
- Create the rest of the system first and then build the casing around it
- Motors
  - Order one and then go from there
  - Order the NEMA 34
  - Start testing for slippage
  - See if we could just use the stepper motor instead of also needing an encoder
- After that create the framework for the intake and measuring systems
- Encoder is the second option

### Schedule

- Define Goals between now and break

- Switch the end date on the Design Revision
  - Create more specific tasks under this section
- Show a time to test the rollers
- If there are long chunks in the schedule try to break it down further
- Add lines to Order parts
  - Describe the parts we plan on building
    - Like 3D printing rollers
    - Mount Wheels on laser cut wood
      - Keep the first iteration simple
    - Power Running to motor

#### Action Items

- 3D Print Wheels (Ian)
- Laser Cut Wood Frame (Rennie)
- Determine how to power the motor (Alyssa)