

## Design Review notes:

Professor Helm's concerns and questions:

- Are we changing the track width/ making a-arms shorter?
- Made it clear to us that the battery box is connected to behind the roll hoop so we couldn't cut exactly where we were thinking about cutting
  - He went down to the shop and was able to clearly show up
- With our first design Professor Helm asked us why we were raising the back end (just for suspension?)
  - But he helped us create an idea that is a "ladder" to allow for the pick up points to be correct without having to raise the car. And also keeping the a-arms the same size
  - Want to keep ground clearance low since we have to pass the tilt test
  - Need to check rules!!!
- All for making a simpler design that is created out of boxes which will allow us to get rid of all the non-straight members
- The car should at least be 6 inches longer so that we don't have to squish things together
- Reach out to all subsystems to ask how much space they need for their items
- Need to figure out where to run the wiring (ie. cooling)

Ben Surman's concerns and comments:

- ❖ Lengthening the envelope will allow carman to fit and potentially have GLV above it then
- ❖ TSAL light must be put under the Roll hoop

Professor Naovic's concerns and comments:

- Why do we need to have a redesign. The car is fine the way it is
- How is our design confident
  - Said we needed to talk to subsystems about their packaging and constraints
  - Doesn't consider this a design review because we don't have a clear design with all the pieces fitting into the puzzle and rather we are just guessing and saying something will fit there
- DOES EVERYTHING FIT!
- There are certain things that we need access to and there are also things that we don't need to get to and you can kinda cover it.