CAD STANDARDS

* 10/32 screws ­unless specifically stated otherwise.
* 2x1 aluminum bars with standard screw layout unless stated otherwise
* 8020 should only be used for prototypes, not CAD unless specifically stated by CAD lead or coach
* Lead Use a360 for older files or the internet. Don’t remake the wheel
* Standard file types will be .3w, .ipt, .iam, .step, .stl, and .gcode. Only use others if required to.
* Although there are those with more experience on the team, remember that most things

are suggestions and can be taken or left at your description

* 3D printing must be approved by lead CAD design and/or coach
* Communicate with fellow CADers and rest of the team.
* Use a360 appropriately. Remember everyone sees your emails!
* All members should be familiar with CAD regardless of team affiliation.
* Onshape will be used as the standard CAD tool for the entirety of the team.
* Inventor will be taught to lead CAD and any other members of the permanent CAD team.
* New members will be given access to a360 by lead CAD after they have experience with CAD and handling cloud based programs
* Your time in meetings and outside of meetings is mandatory.
* There will be atleast 2 CAD lead members and 4 other members minimum; 1 for each of the 4 sub teams and two for main assembly.