Decided upon using 80/20 Slotted T frames (if Dr Becker allows this)

Willy mentioned checking out square aluminum tubing – Aaron said he would reach out to a flagstaff company to get a cost estimate for steel and aluminum tubing to compare to 80/20.

Assigned concept generation slides/ responsibilities and changes some of the ideas:

- Frame connections: bores, L bracket, screws/bolts (Aaron & Logan)
- Material connections: (same as before) (Logan)
- Wall Material :(same as before) (Gia, may need help from Michelle and or Aaron)
- Frame Weight (no longer frame material): standard, light, and ultra-light (Logan)
- Fan Locations: (same as before) (Michelle)
- Frame size: (same as before) (Gia)

Dr willy helped us fix out CRs and ERs:

He said our CRs are good, except FFU, this may be better in ER. Our ERs need a lot of help, we need real numbers. Example, under the CR of Cleanroom compliant, an ER may be that the particle count must be under 350,000. In short, these need to be real numbers that we can design off of.

Current cost analysis:

Walls (for both our clean room and gowning room)- 2K

FFU-3K for both

12x8x7.5 80/20 costs:

Standard weight: $ 3142.00 After tax and shipping

Light weight: $ 2669.90 After tax and shipping

Ultra-light weight: $ 2593.07 After tax and shipping

10x10x7.5 80/20 costs:

Unknown.

Questions that were answered:

-we do not need to draw our own concepts if we are purchasing them, they just need to be properly cited

- we do factor in costs to BOM, even if we own the material being used. (I.e., Gias's 3D printing material for future prototypes) there will just be 2 columns of what we paid for and what was “donated” to us.