

Solid Absorber Status

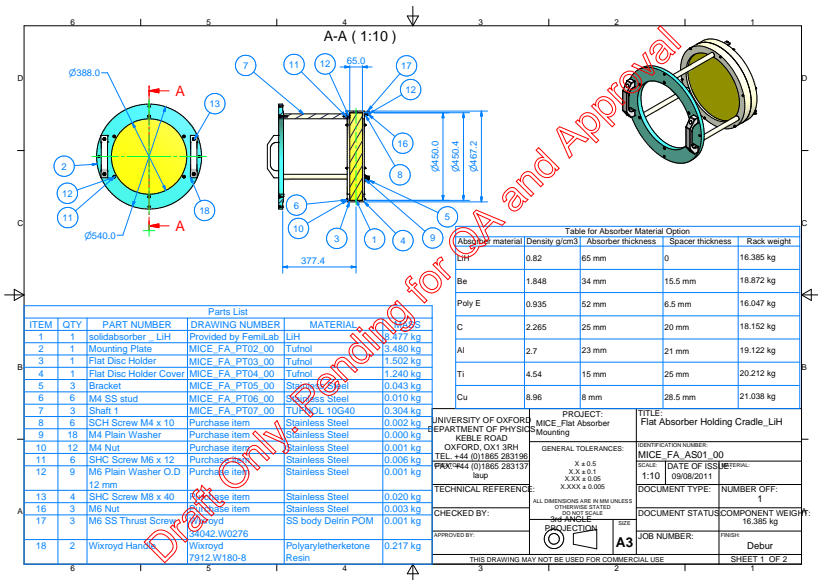
Pavel Snopok
Illinois Institute of Technology, Chicago, IL
and Fermilab, Batavia, IL



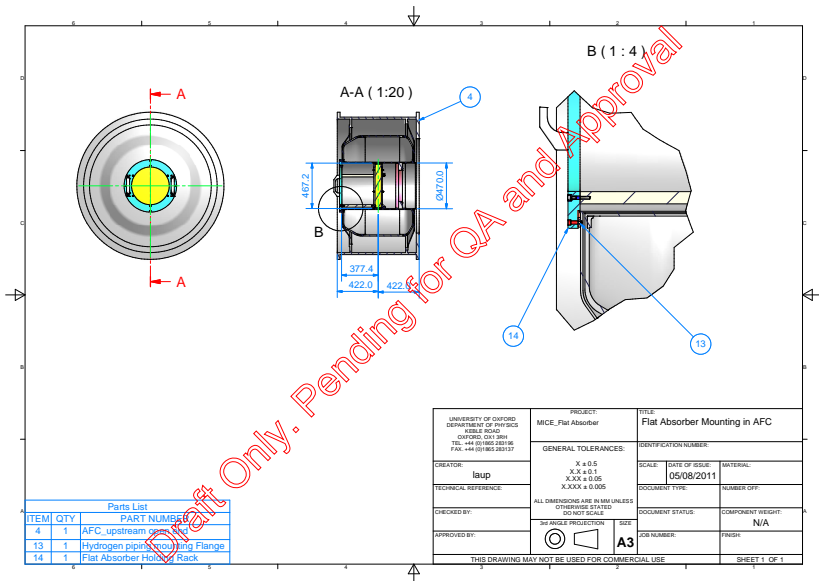
Update since last Collaboration Meeting

- Had another solid absorber phone meeting.
- Question of solid or liquid hydrogen absorbers first: we should be flexible with planning for the time being, CM32 should clarify the situation by updating the status of AFC #1.
- Test the AFC bore radius prior to installing the solid absorber.
- Finalize the support engineering drawings (sign off, send to Fermilab).

Flat LiH absorber support

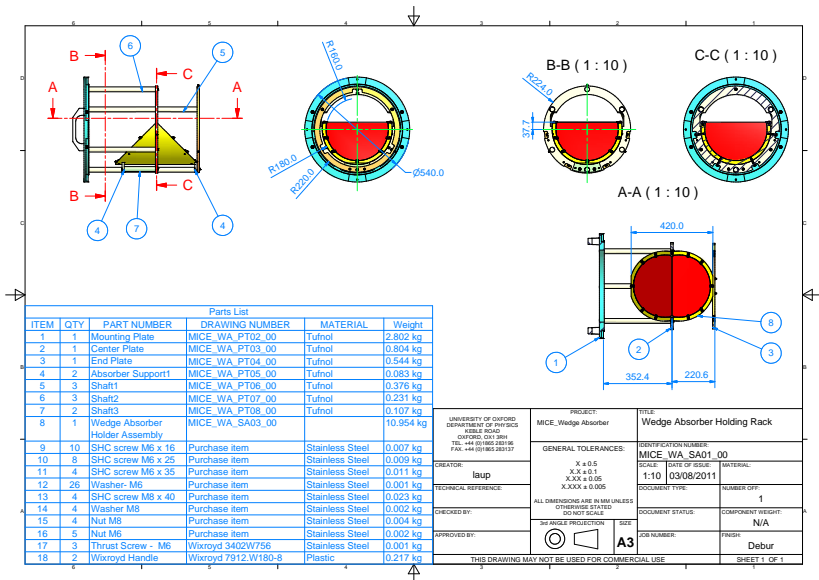


Flat LiH absorber mounting

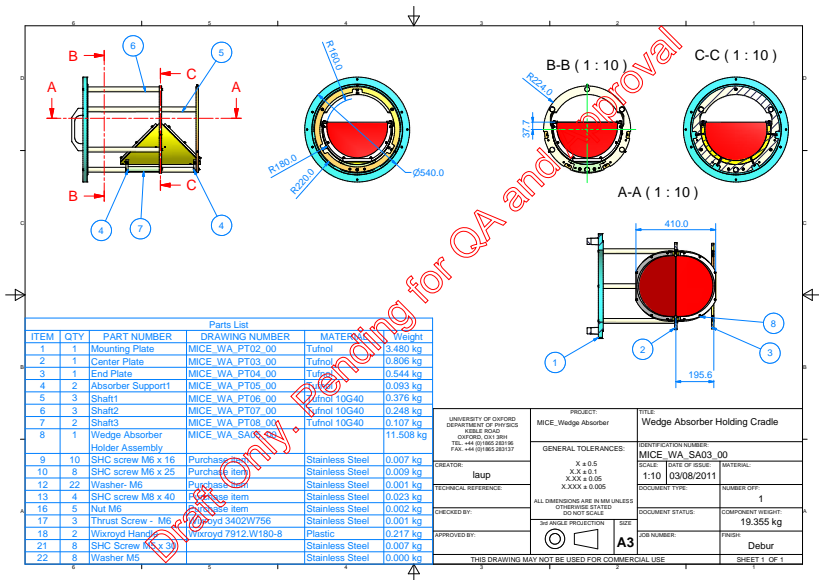


Are we ready to call this design "final"? Any comments, suggestions, concerns?

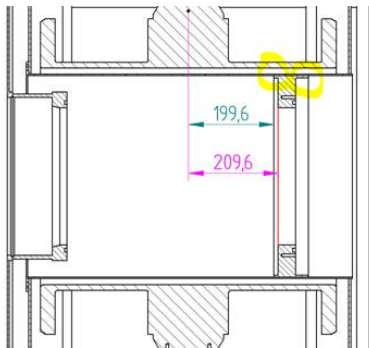
90 degree wedge absorber support (OLD)



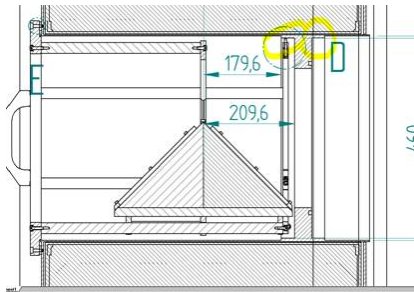
90 degree wedge absorber support (NEW)



- Notice the change in the absorber holders: small clamps (old) vs arc (compare the two previous slides)
- Before this design can be called final, there are some comments from Jason Tarrant:

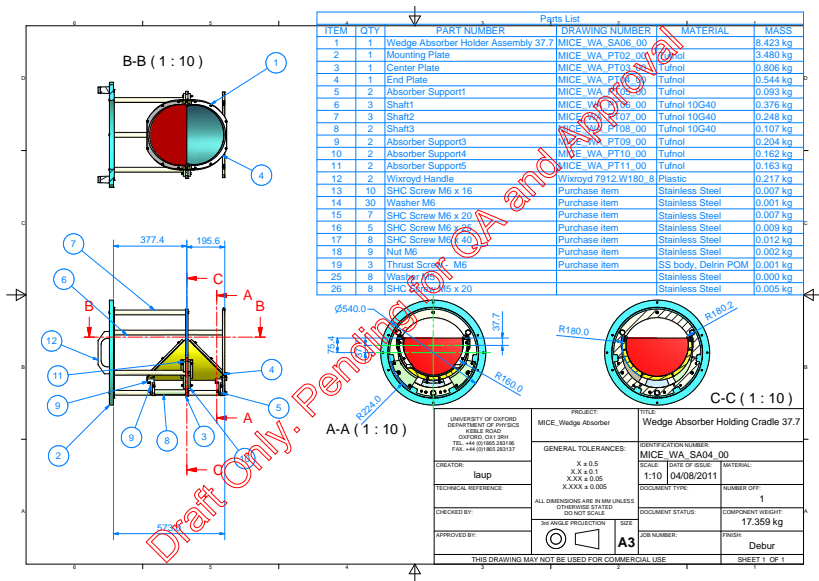


Actual downstream flange geometry.



As designed (the downstream ring of the support was supposed to rest against the flange).

45 degree wedge absorber support



What do we need to do to make the wedge support design final? Any comments, suggestions, concerns?

- Discuss and finalize designs.
- Make the drawings official.
- Send to Fermilab for assessment.