Modular Sterile Cleanroom 33% Hardware Status Update

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Updated Gantt Chart

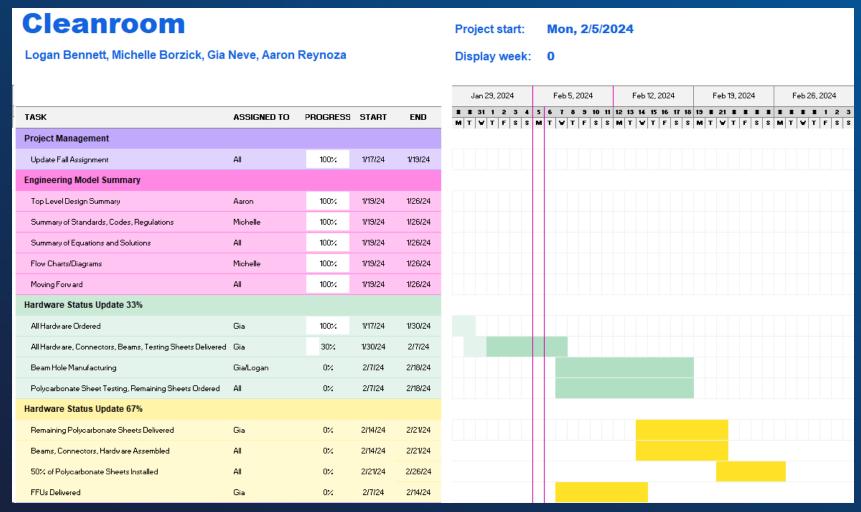


Figure 1: Updated Gantt Chart February 2024

Status: Behind

Roadblocks:

- Purchasing
- Testing Polycarbonate Sheet Thickness and Height
- Gowning Room Steel Beam Manufacturing

Overcoming Roadblocks:

- Beam Hole Machining Jigs
- Polycarbonate Sheet Testing Plans

Fully designed CAD Design with completed BOM and manufacturing plan.



Figure 2: Fully modeled CAD Render of 12x16 Cleanroom



Figure 3: Cleanroom machined bolt with flanged



Figure 4: Cleanroom machined nuts

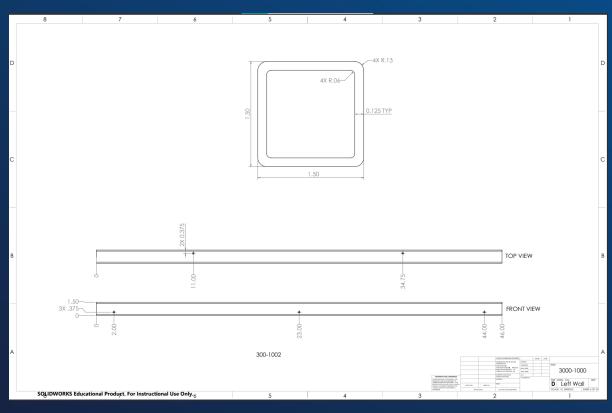


Figure 5: CAD Drawing of Cleanroom's Beam

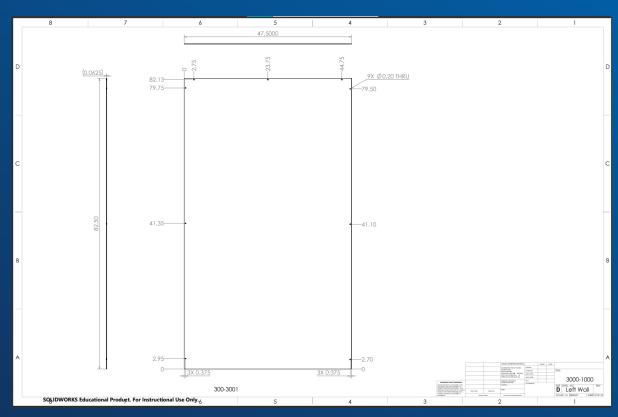


Figure 6: CAD Drawing of Cleanroom's polycarbonate Walls

- Design Updates:
 - Polycarbonate Sheet Thickness 1/8", 3/32", 1/16"
 - Wall Height Gap 6", 8", 12"
- Calculation Updates:
 - Cost Analysis will change based on sheet thickness



Figure 7: Polycarbonate Sheets

Purchasing and Manufacturing Plans

See attached Bill of Materials

Demonstration



Figure 8: Bolt Measuring Jigs

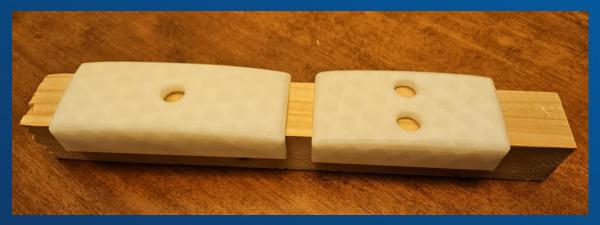


Figure 9: Jigs on Example Beam

THANK YOU!

