

## Deliverable H: Prototype III and Customer Feedback

Presented by:

GNG1103-A00 Group 7

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November 12, 2023

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Wrike Snapshot:

<https://www.wrike.com/frontend/ganttchart/index.html?snapshotId=tMBK4PUKQgyzhLbqbZYkRLA3QMp6xG9h%7CIE2DSNZVHA2DELSTGIYA>

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## 1. Feedback Received

The feedback provided on the blueprint design has offered valuable insights for its improvement. There's a suggestion to add more office spaces, aligning well with the project's needs. The inclusion of a rough cost estimate (approximately 1.1 million) was appreciated for providing financial clarity. Questions were raised about the lab's location and the specifics of the overlook, with a suggestion to potentially scale down its size. Despite these queries, the overall response to the design was positive, emphasizing its quality and aesthetic appeal. Additionally, it was noted that a pump room might not be necessary, prompting a reconsideration of this element in the blueprint. Integrating these suggestions will contribute to refining and optimizing the blueprint to better fulfill the project's requirements.

## 2. Prototype III and Analysis

Our current prototype was created by our group in accordance with the client's feedback we recently received. Our new prototype expands on our second prototype, using the same overall layout, but then finalizing the layout of the rooms, the window placement, the door placement and the furnishings of each room, with extra care taken to ensure we are meeting the client's demands.

We've added lab benches to the lab, shelving units to the storage rooms along with desks and chairs to the offices, the computer lab and the conference room. We've added comfortable chairs and tables to the open spaces on the first and second floor, to reinforce the idea of this building also working as a space for the community to meet up at, and so anyone can easily have somewhere to work on their projects with any team members they have. The kitchen is fully furnished with two dishwashers, a full height fridge and a full height freezer, as well as two stove arrays and ovens, so that any community gathering can easily be catered to. We've also expanded the bathrooms to make them accessible by more people at once. The entrance space is only partially furnished, so that most assemblies and community gatherings can easily take place without the need for moving furniture around.

With our prototype now finalized, we can finish the 3D model that we created to present our design and to help our client visualize our ideas for both the interior and the exterior design. This will prove valuable as we approach both the in-class presentations and the design day

presentations. Additionally, we will continue to actively seek additional feedback on our design from our client, although now for some of the smaller, more specific details, since we now have the main part of our design completed.

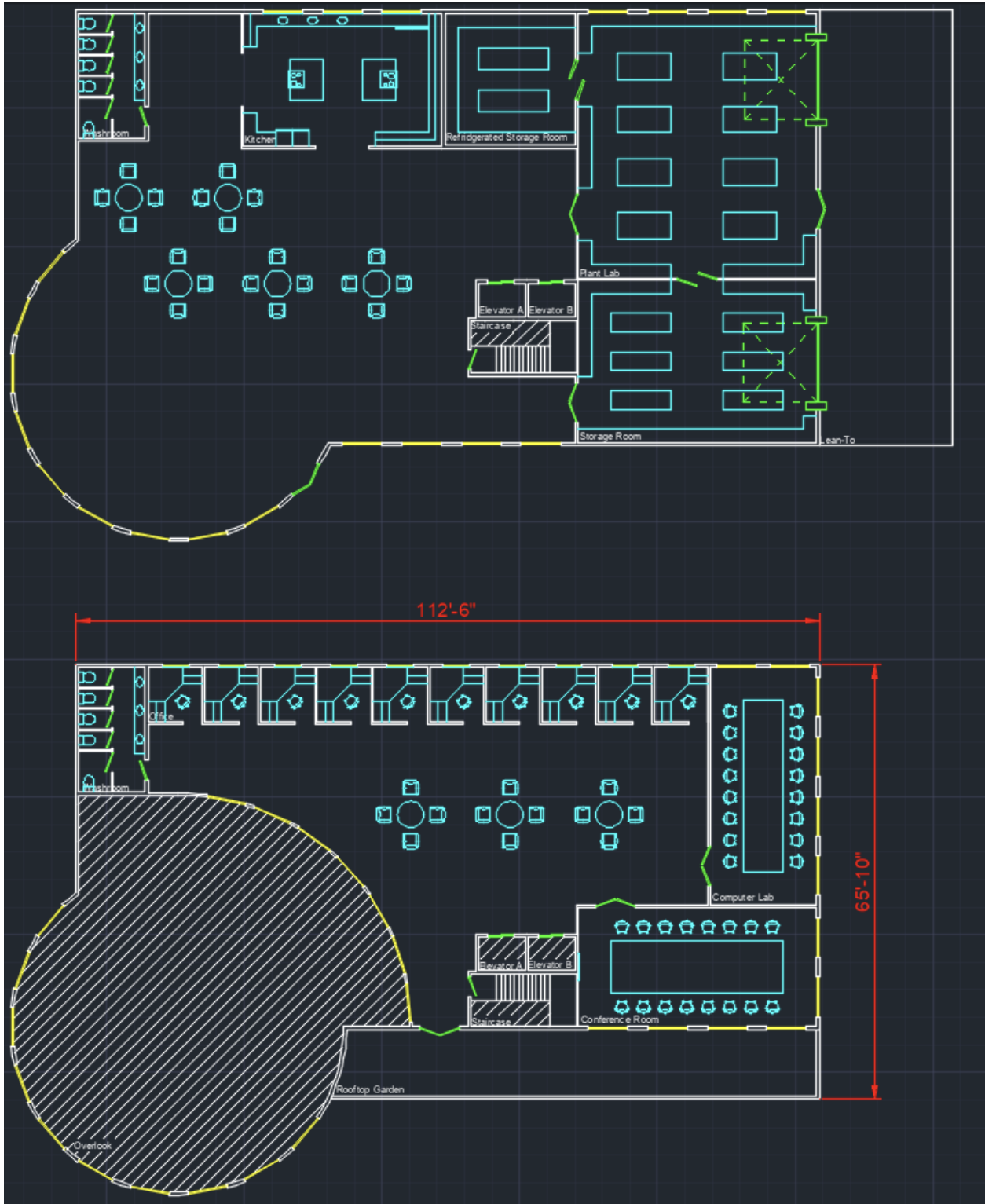


Figure 1: AutoCAD blueprint design of the building (third prototype)

### 3. Prototyping Test Plan

Test ID	Test objective	Description of prototype used and basic test method	Description of results to be recorded and how the results will be used	Estimated test duration and planned start date	Stopping criteria
1	Receiving feedback on the 3D building rendering	Model make on 3D modeling software called sketchup. Test method used will be getting feedback from peers and group members.	This revision aims to accommodate the client's specific requests for this area while also aligning with their broader preferences for the entire building. The goal is to ensure that adjustments made for one aspect do not create conflicts or issues with other parts of the design.	This process should be resolved by Sunday 26th as that is the last day to submit the deliverable III. In addition any last minute changes will have had to been made by november 29 as the final product needs to be showed for design day	This process will be complete when the feedback from the clients is given during design day and when all members of the group agree on the final product
2	Receiving feedback on the current building blueprint	We've created a fresh blueprint for the building by combining the favored elements from previous designs. Our next step involves presenting this new design to the client and seeking their feedback on the updated layout.	The outcomes will manifest as feedback provided by the client for each specific section of our blueprint. Based on this feedback, we'll maintain the parts they approve of without alterations, while reworking the sections that didn't meet the client's preferences. Our goal is to adjust these sections according to the client's wishes and ensure they are designed in a manner that aligns with their preferences.	This process should be resolved by Sunday 26th as that is the last day to submit the deliverable III. In addition any last minute changes will have had to been made by november 29 as the final product needs to be showed for design day	This process will be complete when the feedback from the clients is given during design day and when all members of the group agree on the final product

Figure 2: prototyping test plan table