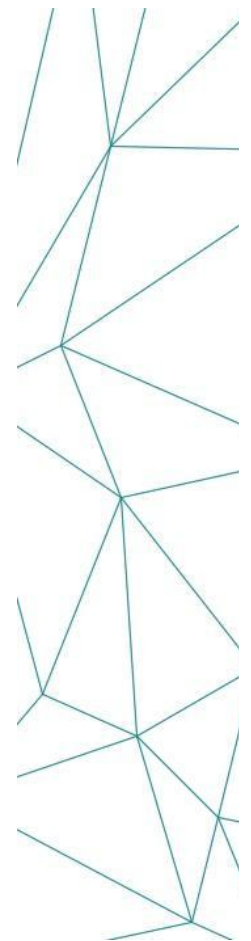
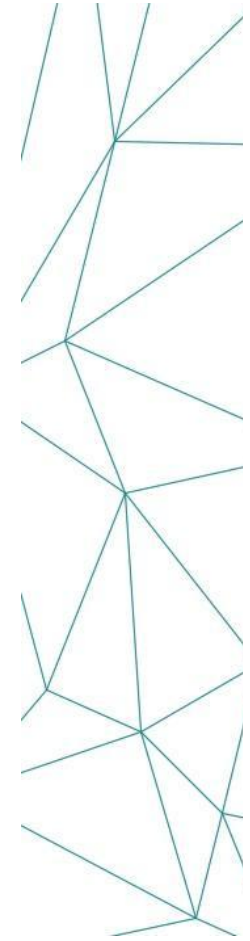




CRYSTAL

LUXURY DESIGNS

MELANIE DOMINGUEZ & GRACE LOMBARDO





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Background info on our proposed project

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Information regarding the student applying and attending

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Learn about who we are



WELCOME TO THE S.T.E.M. ACADEMY

Our project was inspired by the well-known “Juilliard School” that was created for the purpose of students who are skilled in performing arts; a school that offers scholarships for the selected students to attend and offers top-notch education on the arts. Instead of attending a high school for standard credits, the S.T.E.M. Academy seeks well educated and determined middle-school students to apply for our prestigious 4-year program. The students who are interested in attending would receive a well-rounded education and have the opportunity to take rigorous courses regarding their chosen S.T.E.M. discipline. The student would also have the opportunity at living in a comfortable, welcoming, and safe environment (they can specify whether or not they would like to dorm through the application process). The campus consists of six buildings: the Welcome Center, the School, Residential Halls, the Zero-Gravity Experience, the Greenhouse, and finally the Planetarium. The campus was designed in a way that students would be able to walk outdoors in between activities throughout their schedules. Thus, time is not only spent indoors or in one individual building, but rather all throughout the beautiful campus.



FOR THE STUDENTS

The S.T.E.M. Academy

Our project can be described as a boarding school for the bright and intelligent. The academy project was initiated specially for the students with the drive and passion to learn from our prestigious staff.



Requirements

For the possibility of acceptance, the student applying must have an average of 88 and above, must write a personal statement regarding why they would like to attend the academy, and must take an entrance exam (subject testing) *compared to SAT or TACHS*. In addition, the student may qualify for a scholarship to attend.



Schedule

The accepted students will be required to continue core classes as well as decide on a major. Each major will have their individual courses as well.

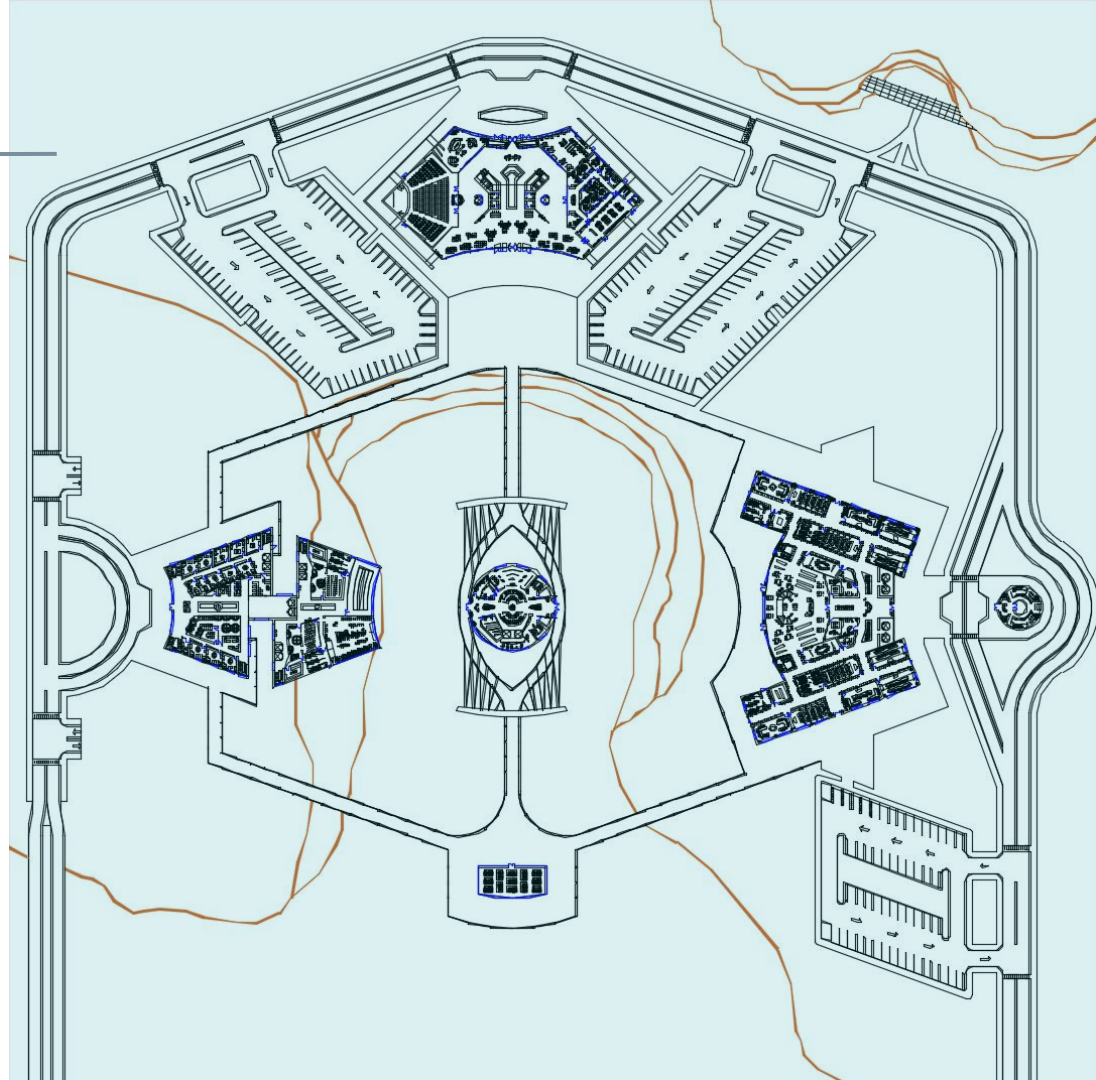


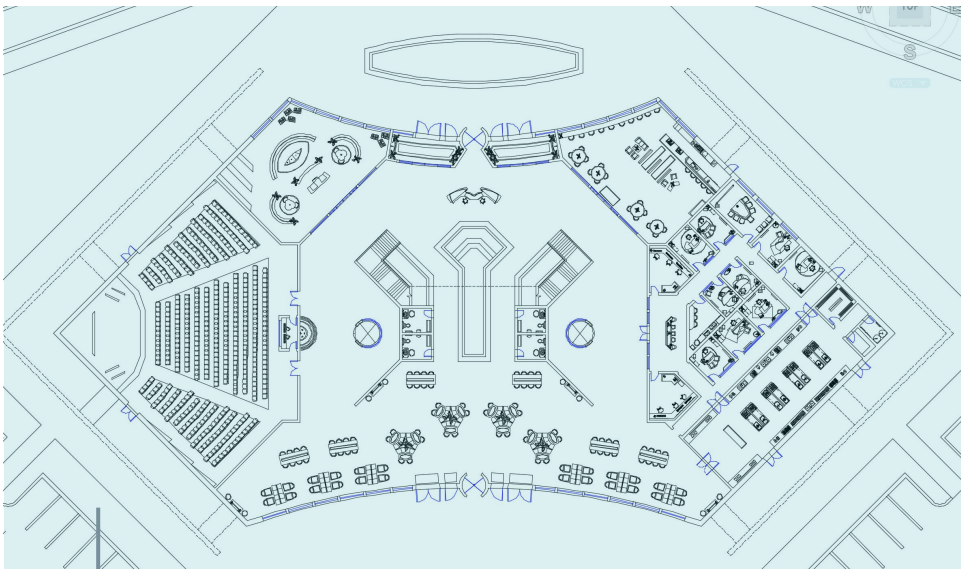


Honolulu, Hawaii



Site Plan



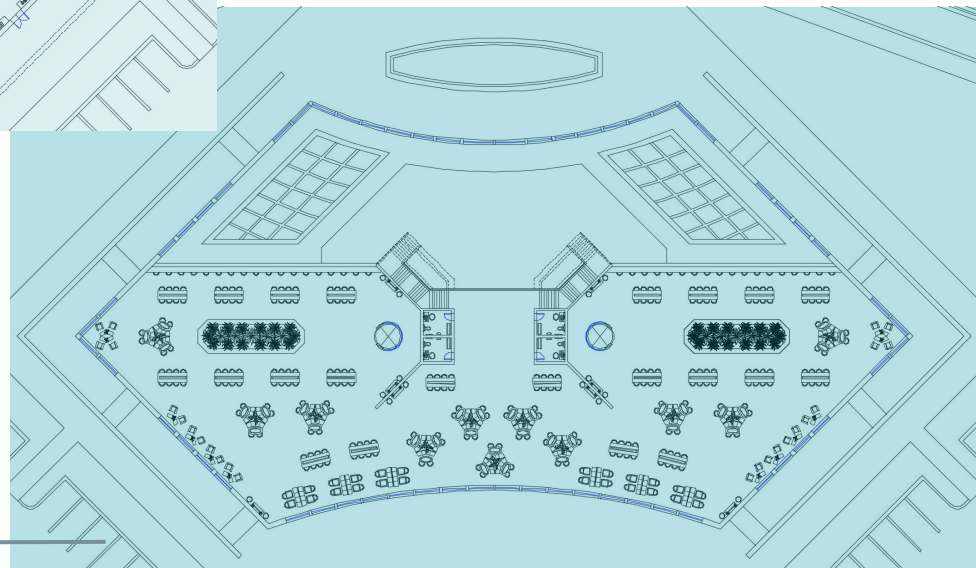


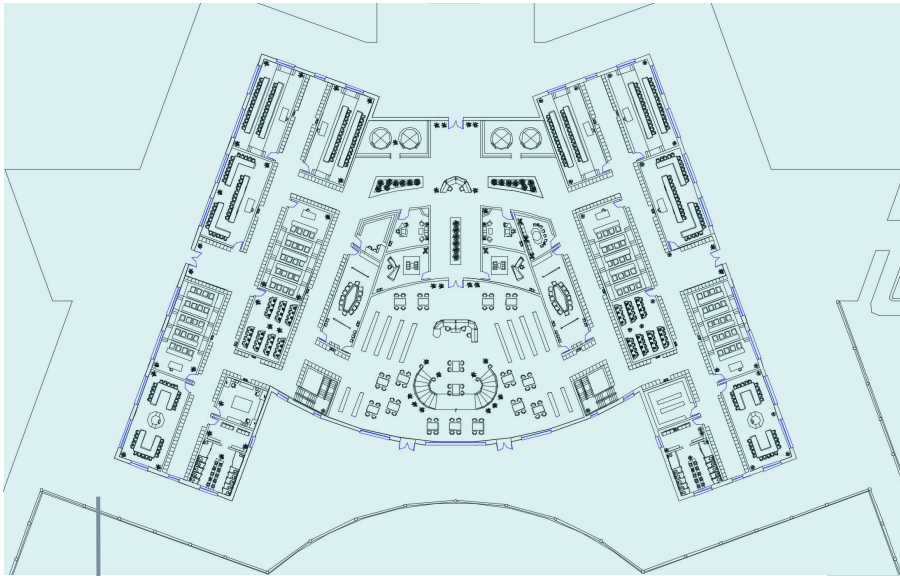
First Floor

- Cafetería & Kitchen
- Orientation Theater
- Book Store
- Coffee Shop
- Staff Offices
- Bathrooms

Second Floor

- Cafetería
- Open to Below
- Bathrooms



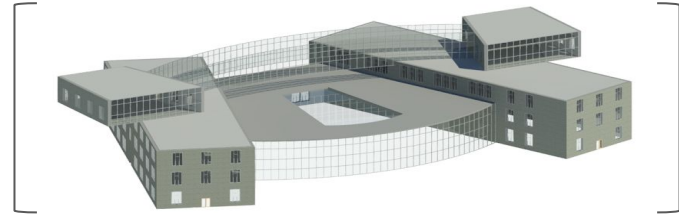
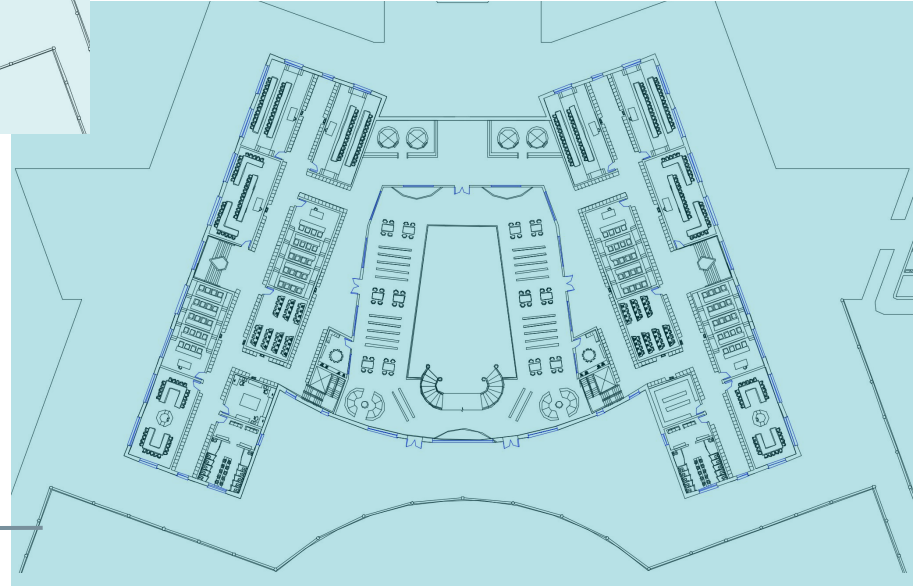


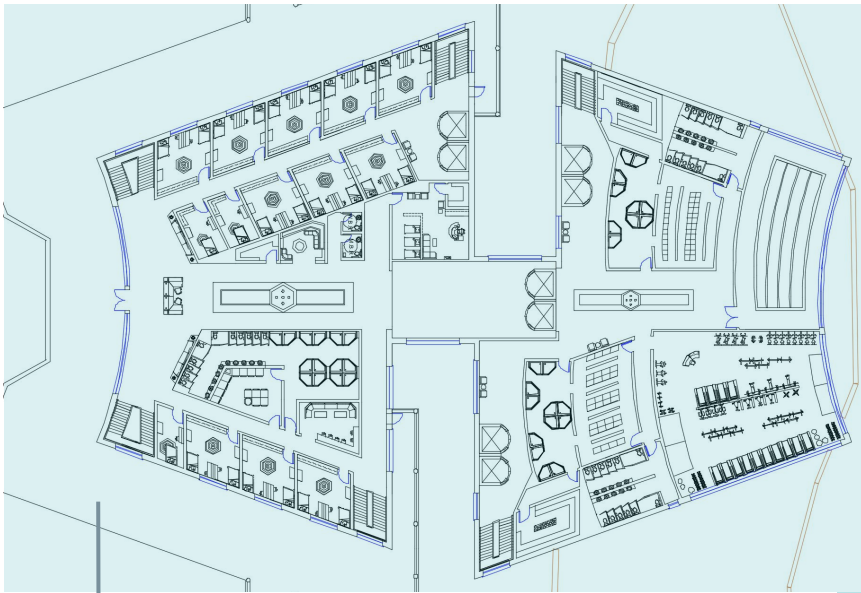
First Floor

- Lecture Halls
- Guidance Offices
- Staff Offices
- Library
- Break Rooms
- Bathrooms

Second Floor

- Classrooms
- Library
- Bathrooms



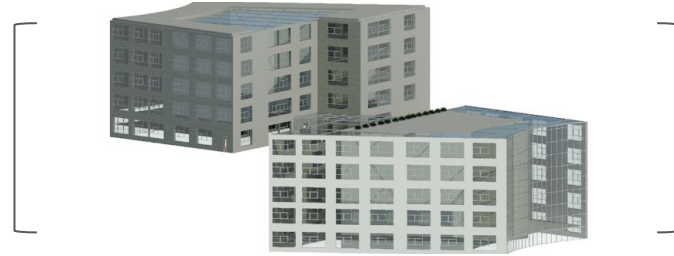
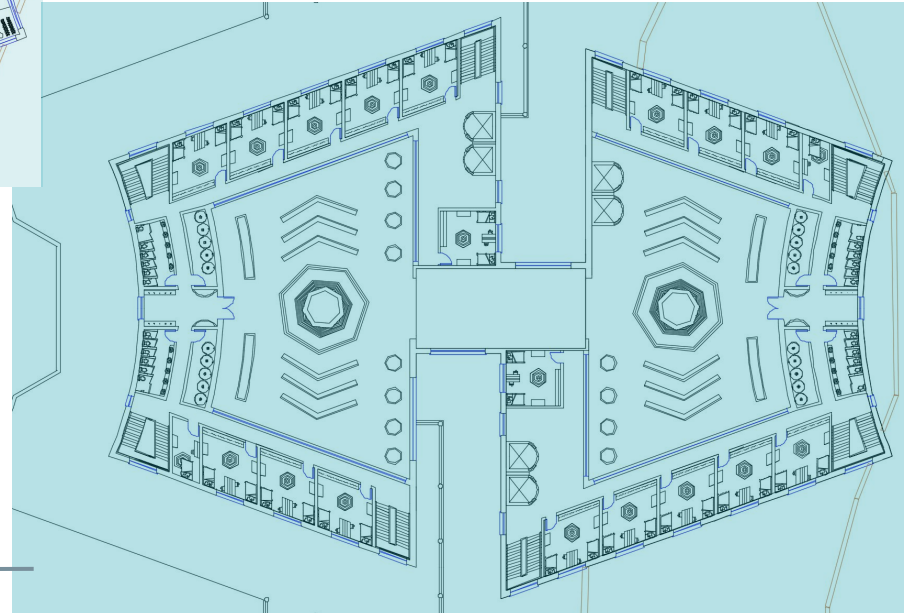


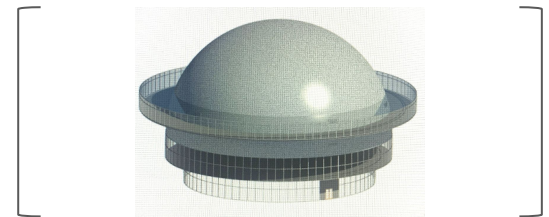
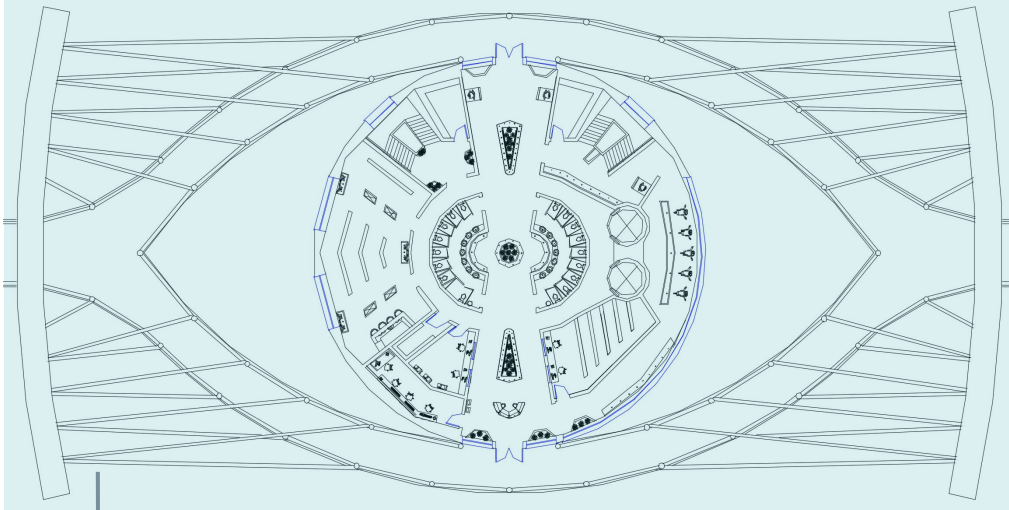
First Floor

- Dormitories
- Bathrooms
- Showers
- Lounge/Quiet Areas
- Gymnasium/Pool
- Locker Rooms

Second Floor

- Dormitories
- Bathrooms
- Courtyard Access



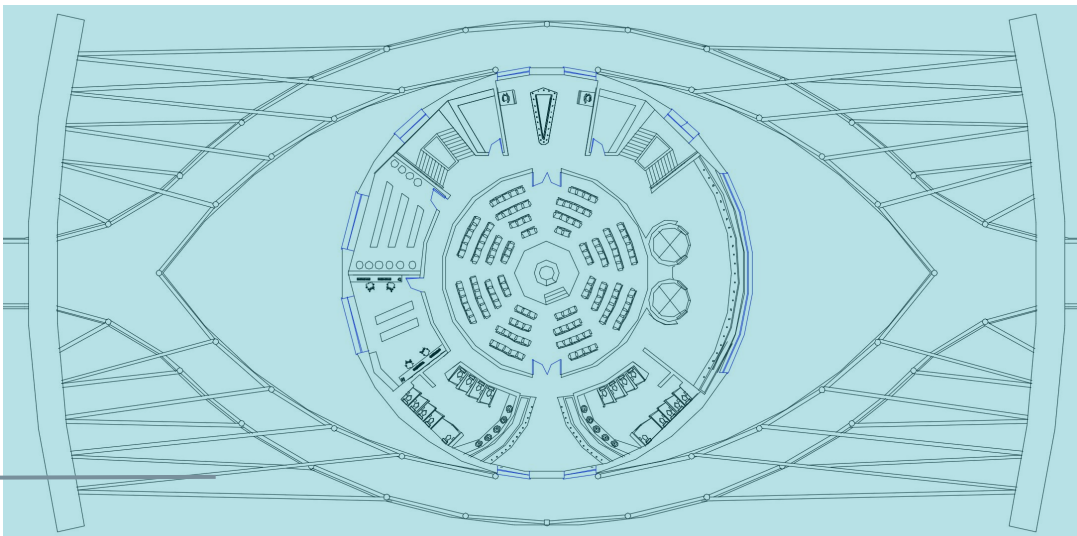


First Floor

- Space Gallery
- Telescope Room
- Security Booth
- Bathrooms

Second Floor

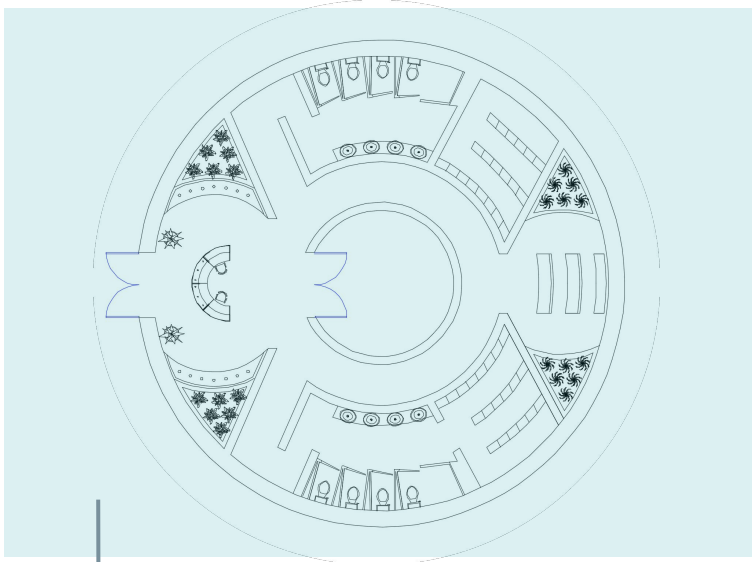
- Viewing Theater
- Control Booth
- Electrical Booth
- Bathrooms





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ZERO-GRAVITY

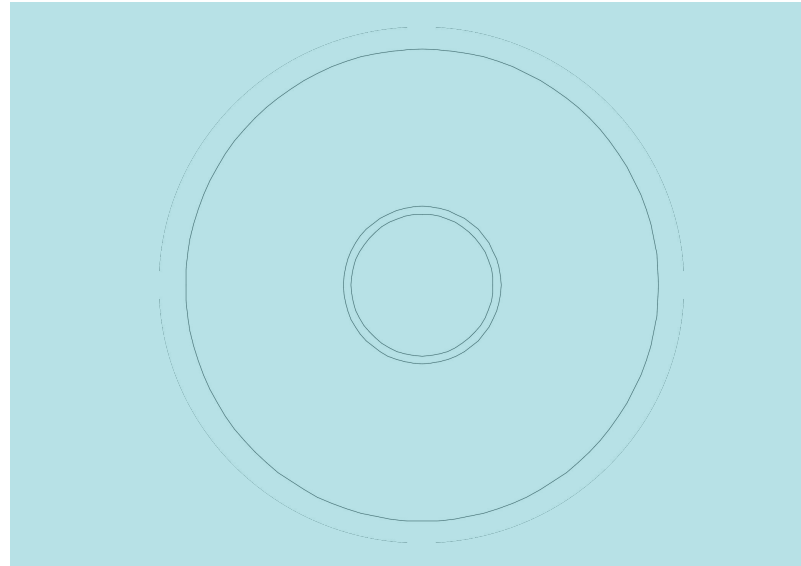


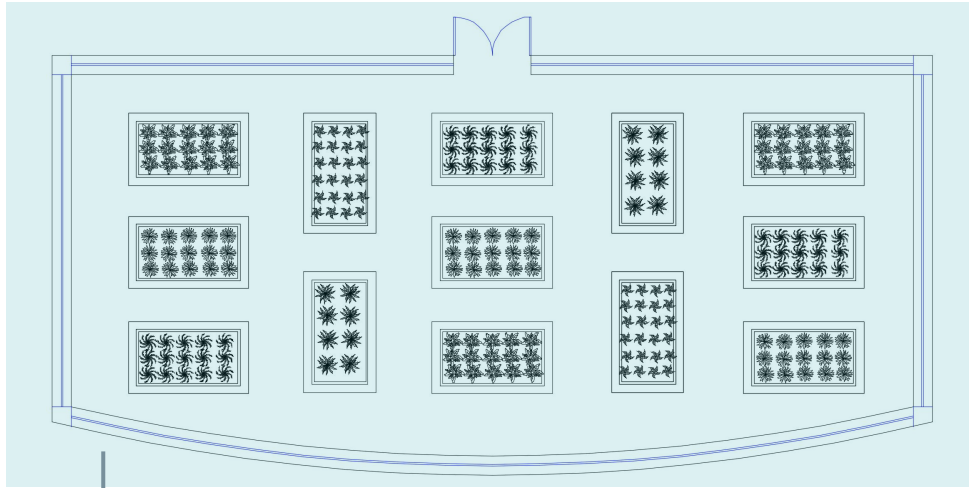
First Floor

- Tube Access
- Changing Rooms
- Bathrooms

Second Floor

- Transparent Tube





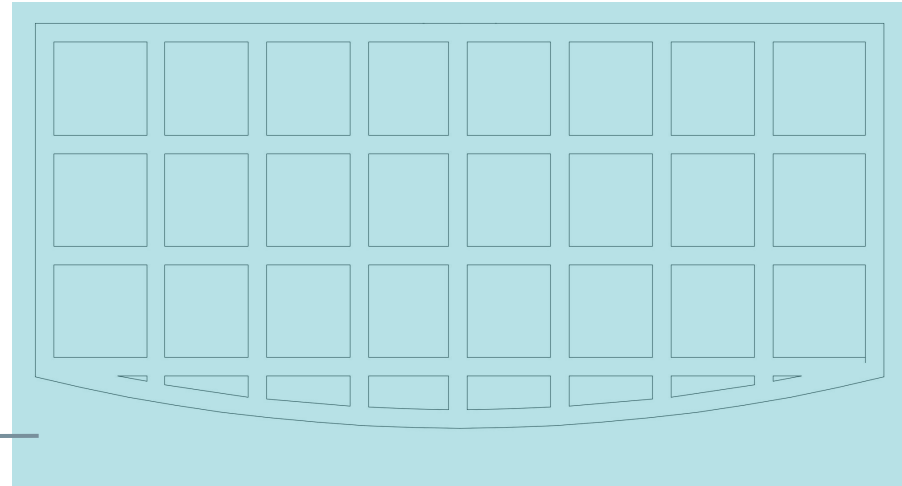
First Floor

-Plant/Vegetation Displays



Second Floor

-Encapsulated in Glass



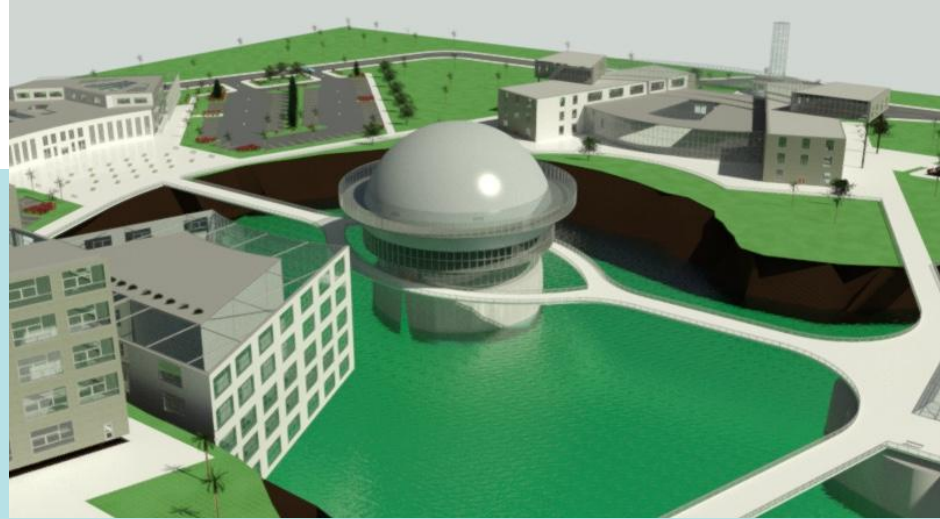
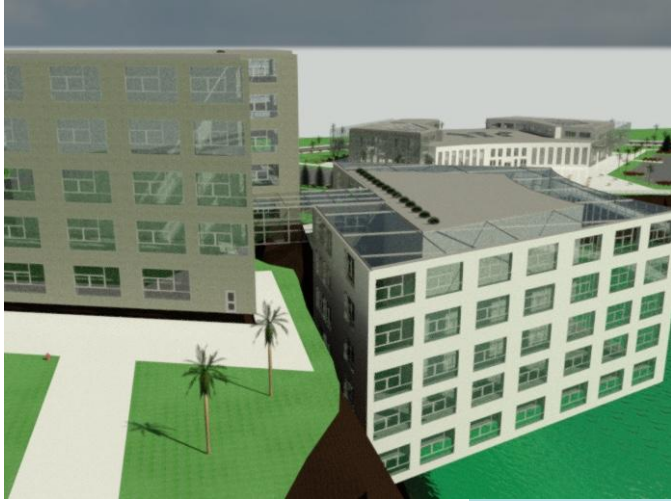
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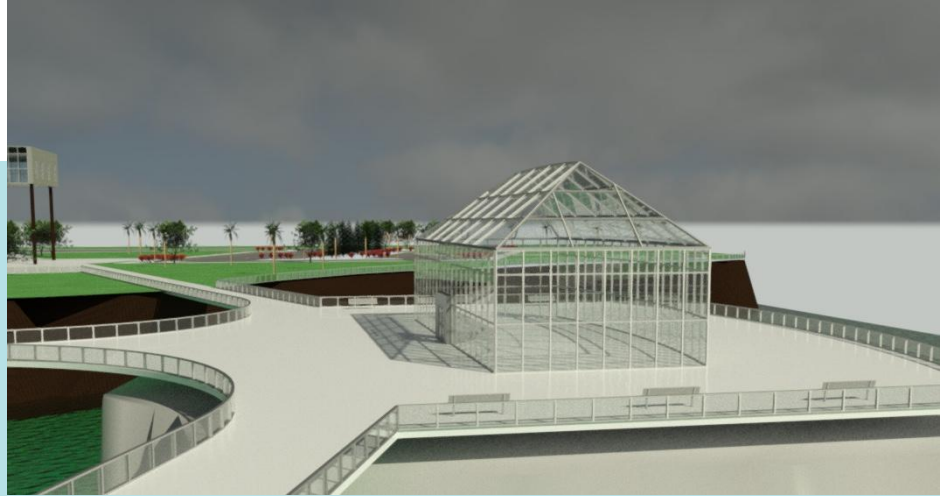
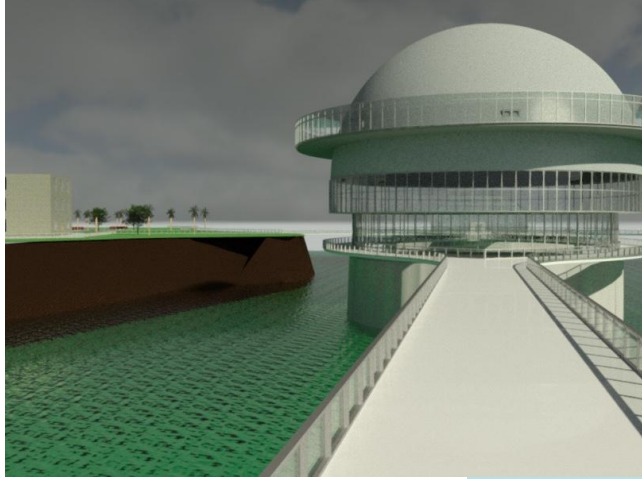
VISUAL PRESENTATION

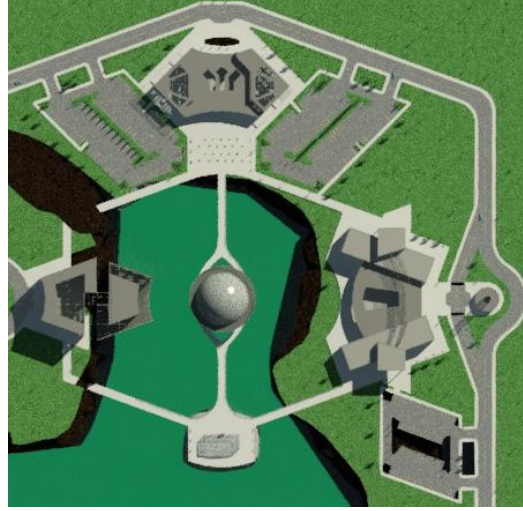








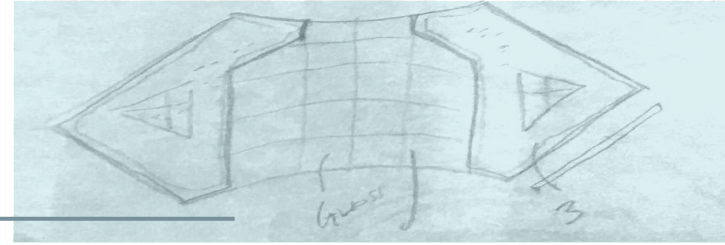




THE PROCESS

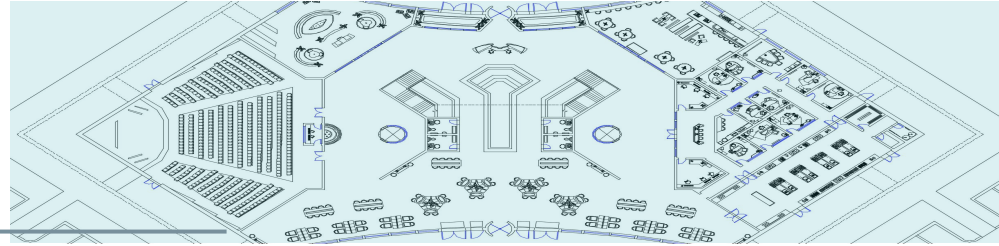
Stage 1

To begin the project we sketched out what we wanted our buildings to look like.



Stage 2

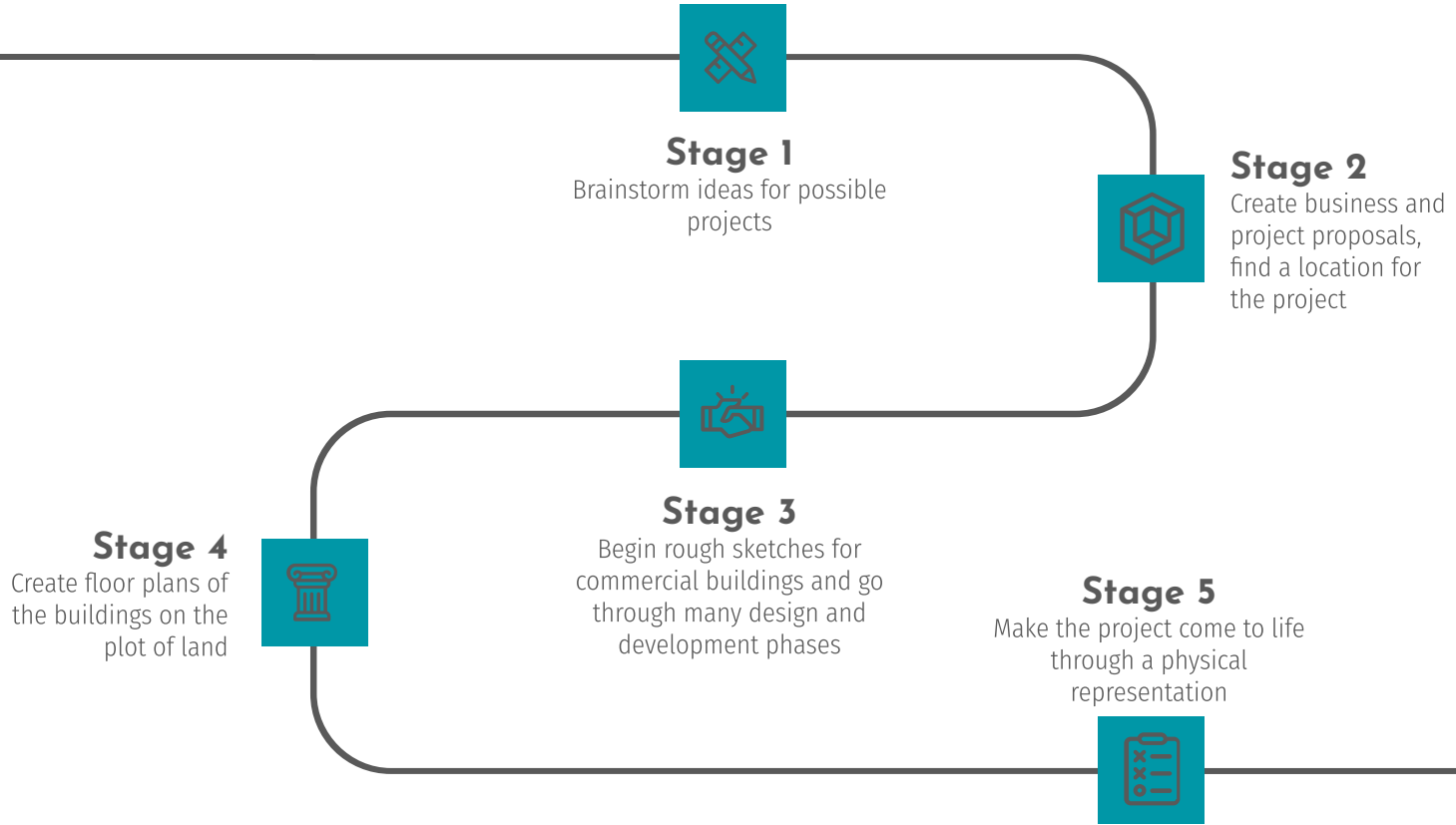
After sketching we transferred those ideas to AutoCAD to create our floor plans.



Stage 3

Finally, we used the floor plans to create a 3-dimensional perspective of our project.





OUR TEAM



Melanie Dominguez

Hello we are ...
Architecture Graduates from
Saunders Trades and
Technical High School and
have been determined to
do our best from start to
finish of the four-year
program. We hope you
enjoyed our presentation.



Grace Lombardo



THANKS

Any questions? Contact us.

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