

ACADEMIC PORTFOLIO

ALEXANDRA ADDESSO

2012-2017



ABOUT ME



My name is Alexandra Addesso, and I am a recent graduate from the College of Architecture and Environmental Design at Cal Poly San Luis Obispo. I am originally from Connecticut and am very excited to be back on the East Coast to begin my career. During my time in college, I have grown and furthered my education and knowledge through my experiences in my course work, internships, and study abroad. I truly believe that architecture tells the history of our society, and it was an incredible opportunity to experience this first hand in Europe. Architecture is a huge part of our every day lives, which is why I believe that our profession can be so impactful . I am so excited to pursue my passion at your firm.

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MIXED USE
san francisco | CA



OCEANOGRAPHIC INSTITUTE
sutro baths | CA



RESTORATION
milan | ITALY



THESIS
chicago | IL



INTERNSHIP
journeyman



FINE ARTS
switzerland

MIXED-USE

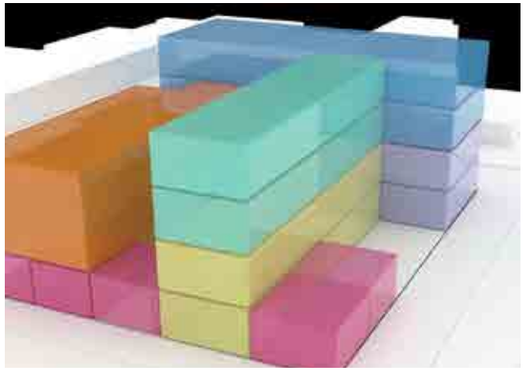
Spring 2014 | Professor Umut Toker

37.7759° N, 122.4245° W

hayes valley, san francisco, ca

PROXY II : TABLEAU

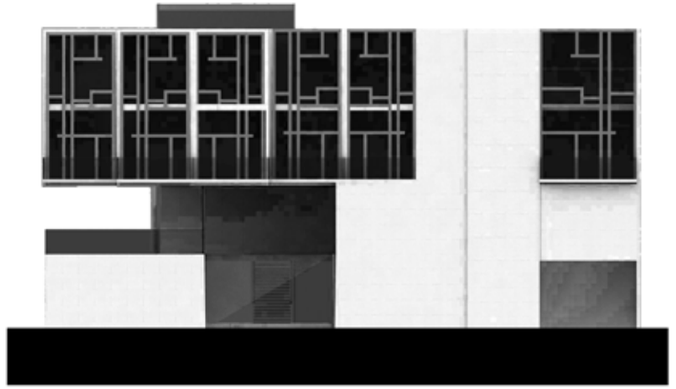
We began the quarter with a smaller design project where we chose a type of art/artist and created a single apartment for them. We then took that apartment layout and merged it into our final building, while keeping those initial design drivers. My original idea came from the study of ***Piet Mondrian*** *and his artwork. His line work was very influential while trying to bring that onto the elongated site. Our site in Hayes Valley district was empty so I observed that many people used it as a walk through. I wanted to keep that spirit of* ***wandering*** *alive while designing this project so my main focus became the* ***circulation*** *and how people would move throughout the site and the building.*



programming massing study



bird's eye view



southern elevation



exterior render from corner

floor plans




YOGA

OCEANOGRAPHIC INSTITUTE

Spring 2015 | Professor Barry Williams

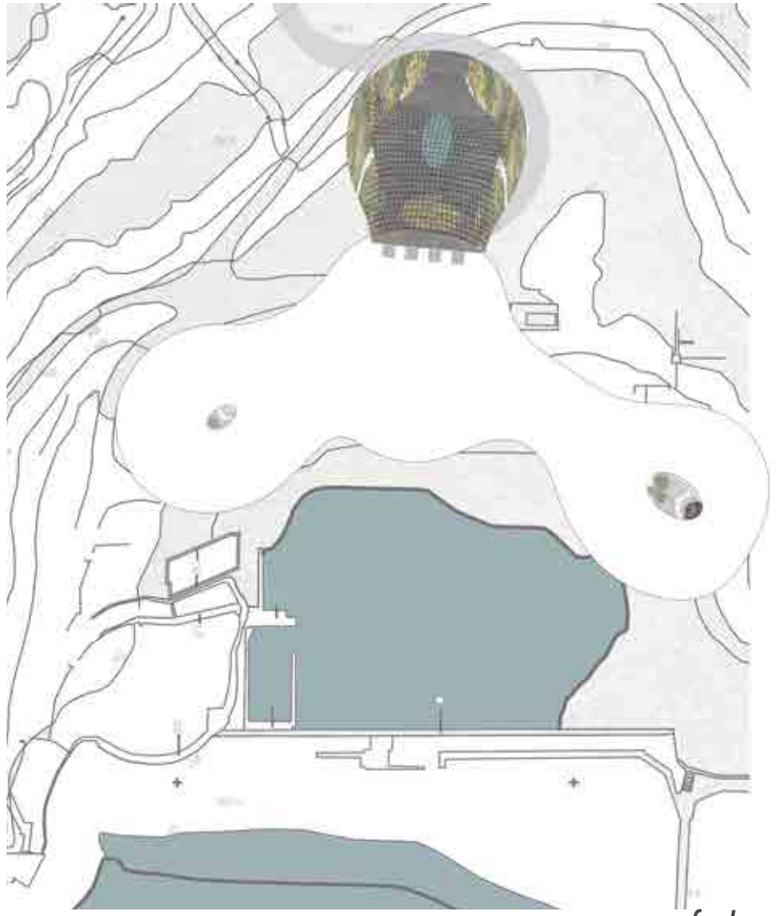
37.7804° N, 122.5137° W

sutro baths, san francisco, ca

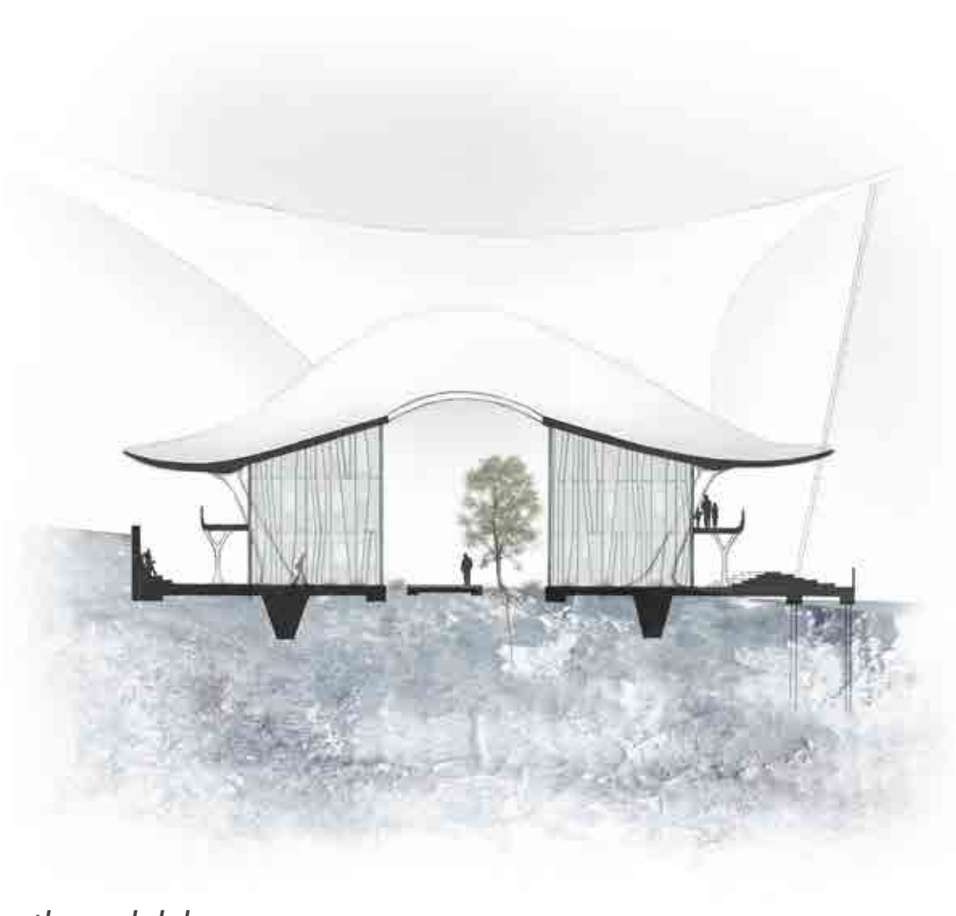
OGEE

o • gee adj *: having a double continuous S-shaped curve*

This project was the second of our two quarter design studio. For the second quarter we teamed up with a partner to take on someone else's design from the first quarter. My partner Kristen Dotter and I designed this project with a concept of ***centrality****. We had the idea to have a* ***central hub*** *which fosters a sense of* ***community*** *throughout the building. Our goal was to form connections between people from different parts of the program.*



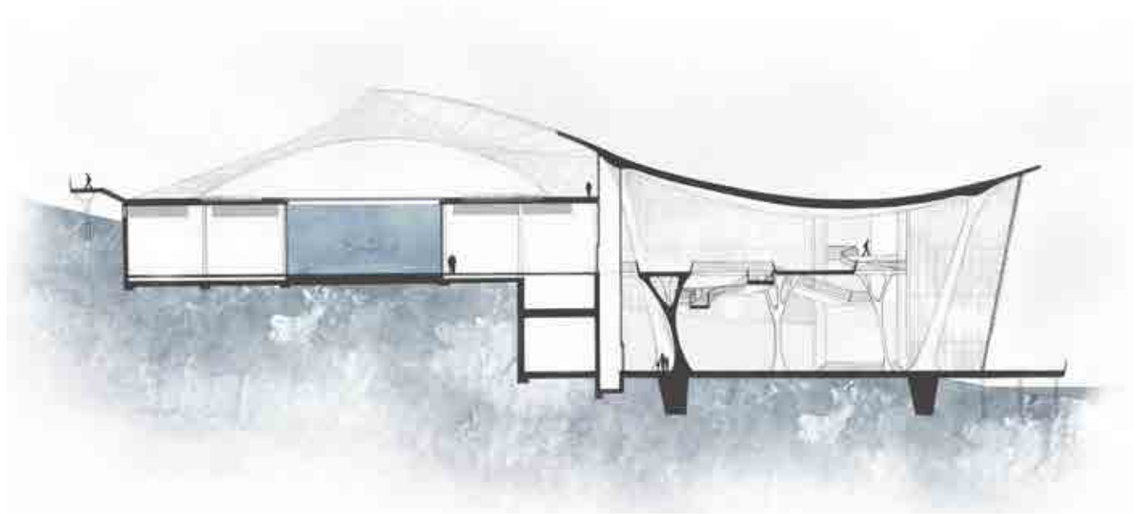
roof plan



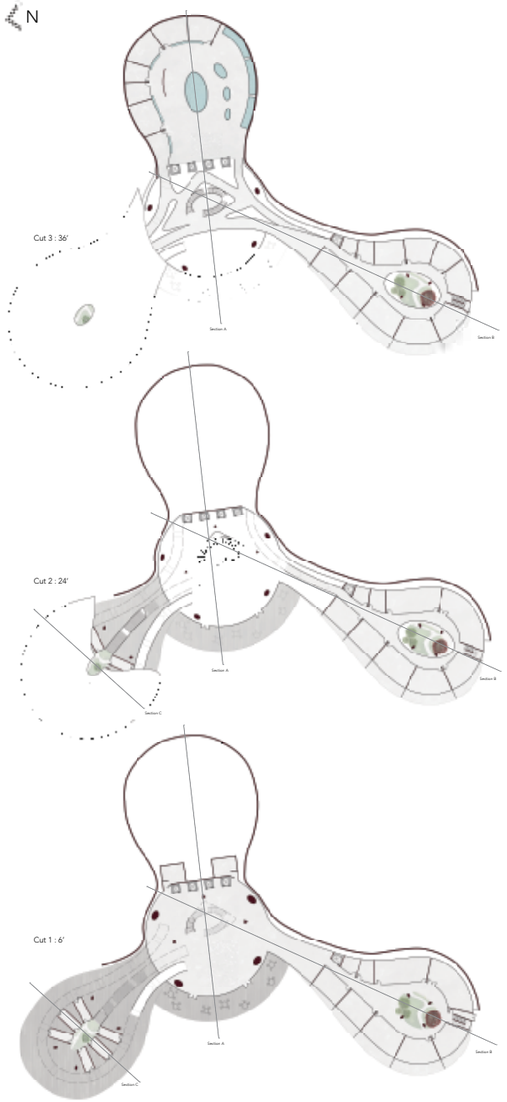
section through labs



interior render



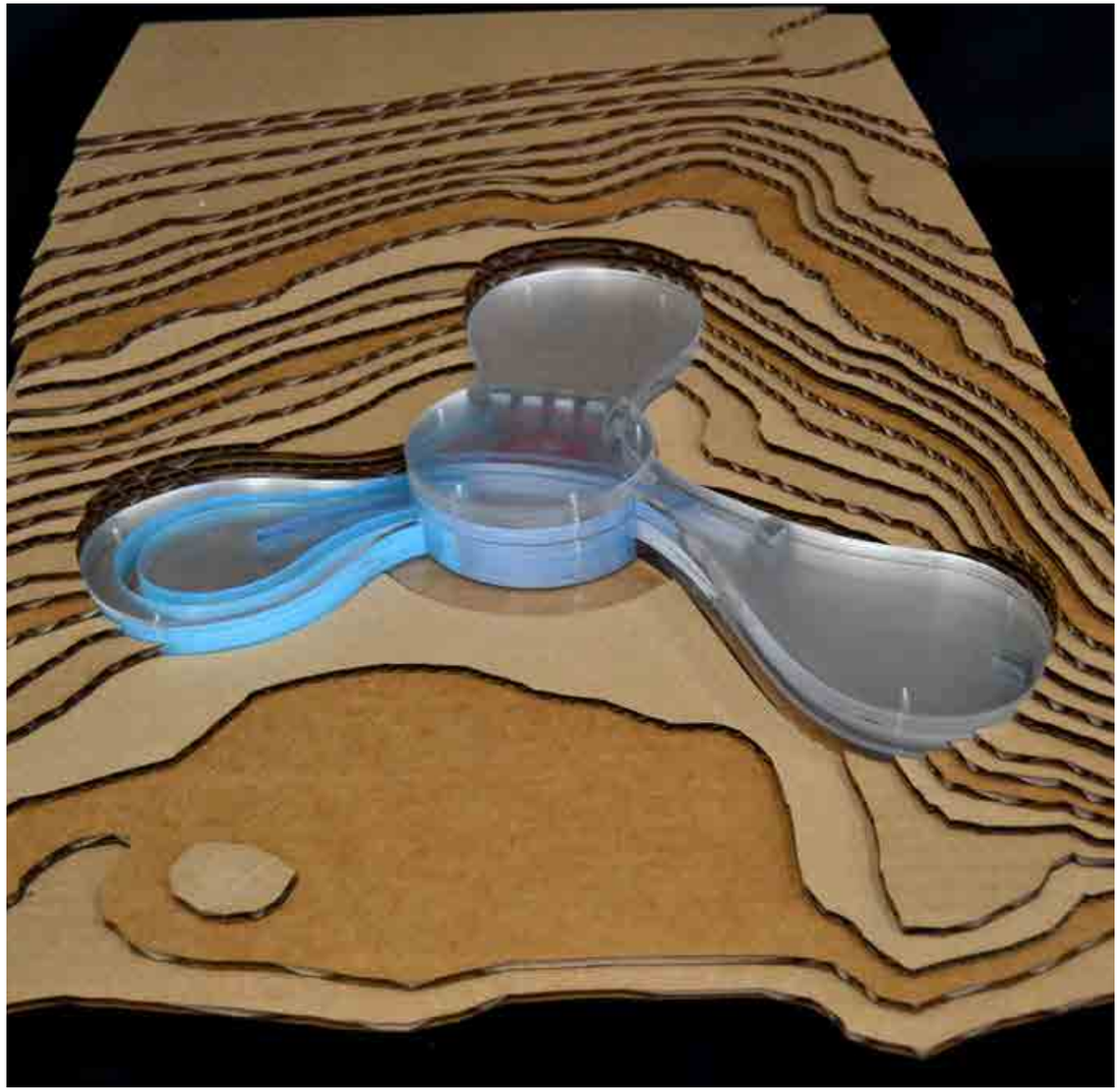
section showing entrance + atrium



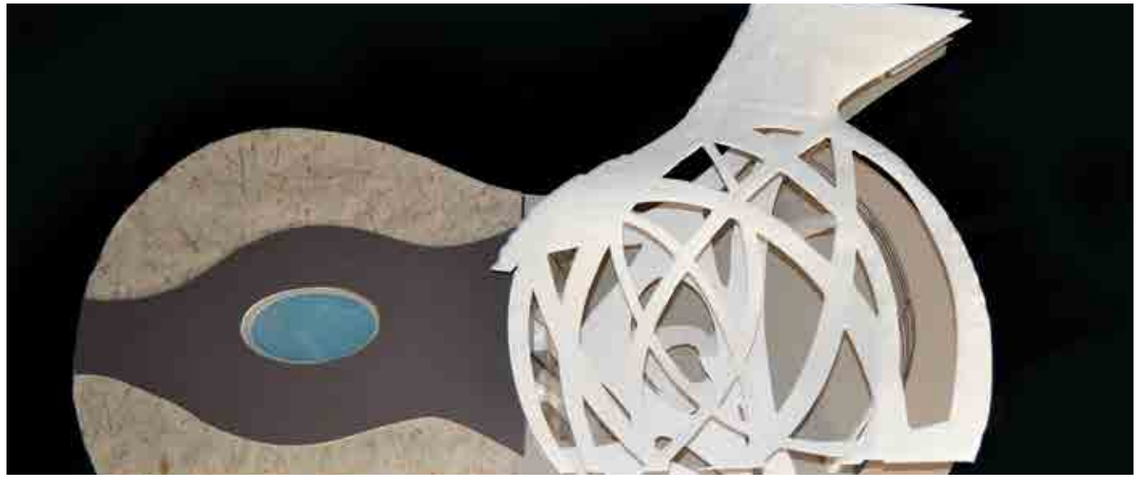
floor plans



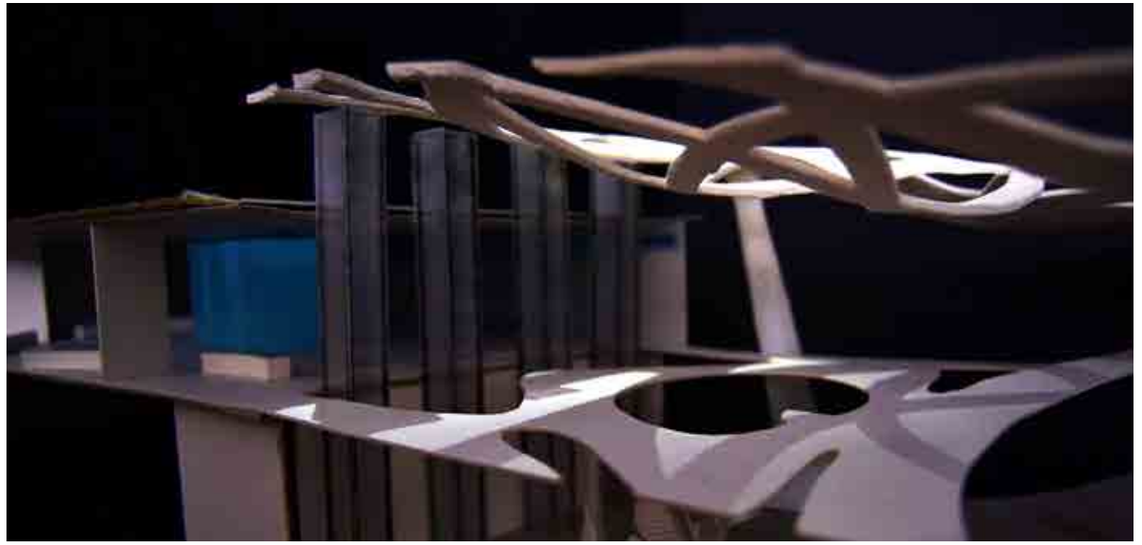
site plan



circulation model



section model top view



section model of interior

RESTORATION

Summer 2016 | Professor Tom di Santo

45.4642° N, 9.1900° E

milano, it

il giardino pensile

Il Giardino Pensile aims to create a ***connection*** *between Milan's old Albergo Diurno bath house, the currently unoccupied corner plaza above the baths, and the Giardini Pubblici Indro Montanelli park to the west of Porta Venezia. The project acts as a* ***"friendly parasite"*** *as it functions as a physical extension of the park and turns into elevated and covered beer garden spaces, as well as an indoor restaurant and bar. The underground space has been transformed into a modernized bath house and spa including a wine tasting venue, and it is connected vertically to the spaces above by large open structural columns containing* ***circulation*** *routes and beverage tubes servicing the garden and restaurant. This was a group project that we worked on while studying abroad in Switzerland, we had about three weeks from initial design to final crit, so it was critical to work efficiently together.*



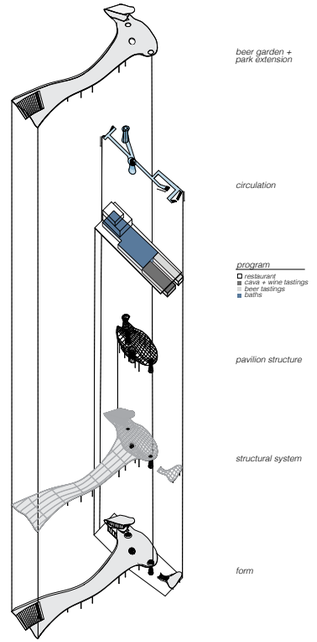
watercolor - milano

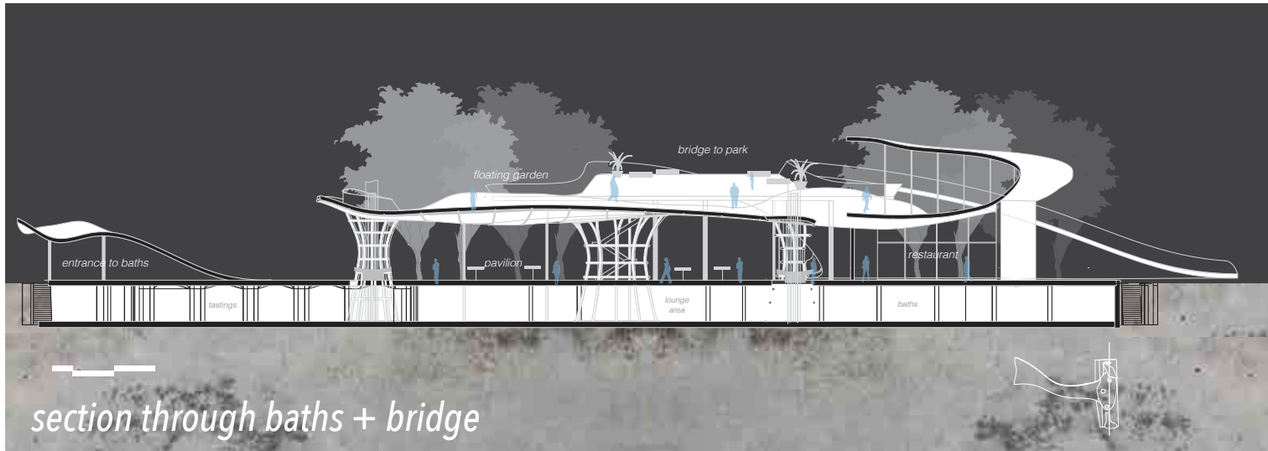


piazza render

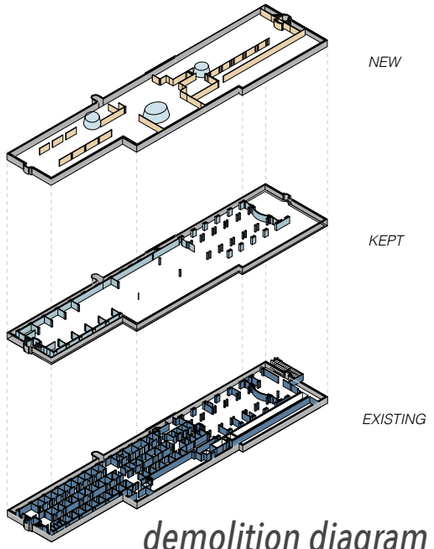


piazza level render





section through baths + bridge



demolition diagram



bath collage



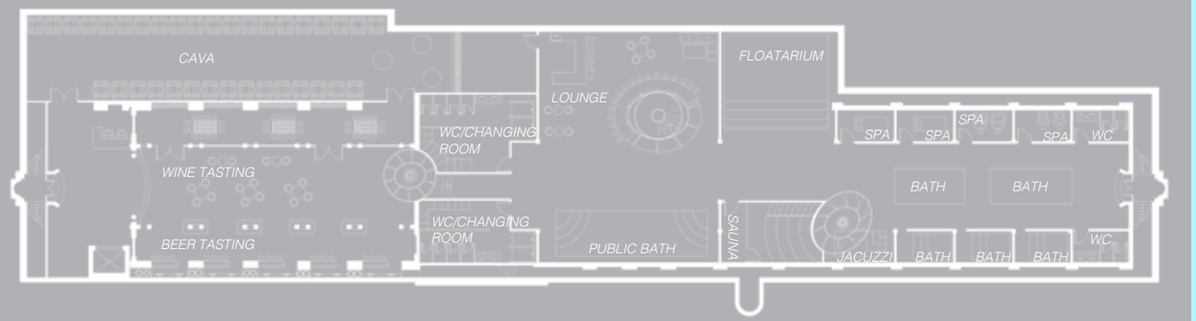
beer tasting area collage

form diagram





spa entrance collage



floorplan 1:100

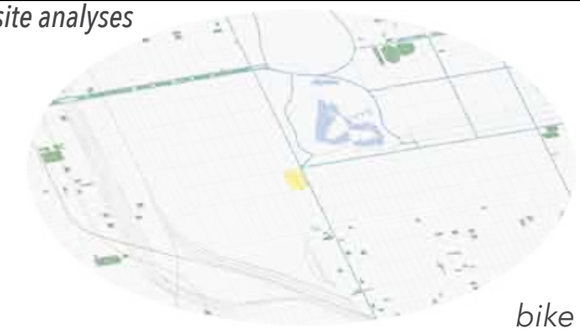
URBAN BLOOM

*This thesis project focuses on the **isolation** and **inequality** on the south side of Chicago. These communities have been slipping through the cracks since the fail of the urban movement, and Washington Park has been one of those most affected by it. With crime rates rapidly growing every year, these communities need a project that is going to **revive** them.*

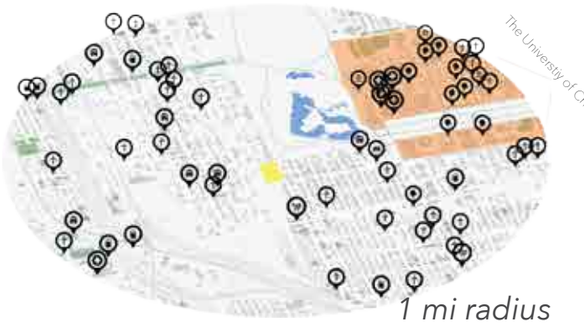
*This new iteration of a **community** center will be for the people of Washington Park and act as a haven for all of its members. With a soup kitchen, a fix kitchen and library spaces it will foster a **learning** and **growing** community. The **knowledge** learned here can then be put forth into **society**.*

*Not only will the direct community be affected but also those in surrounding neighborhoods to break down barriers and begin to **stitch** these areas of the city back together.*

site analyses



bike



1 mi radius



transit



built fabric

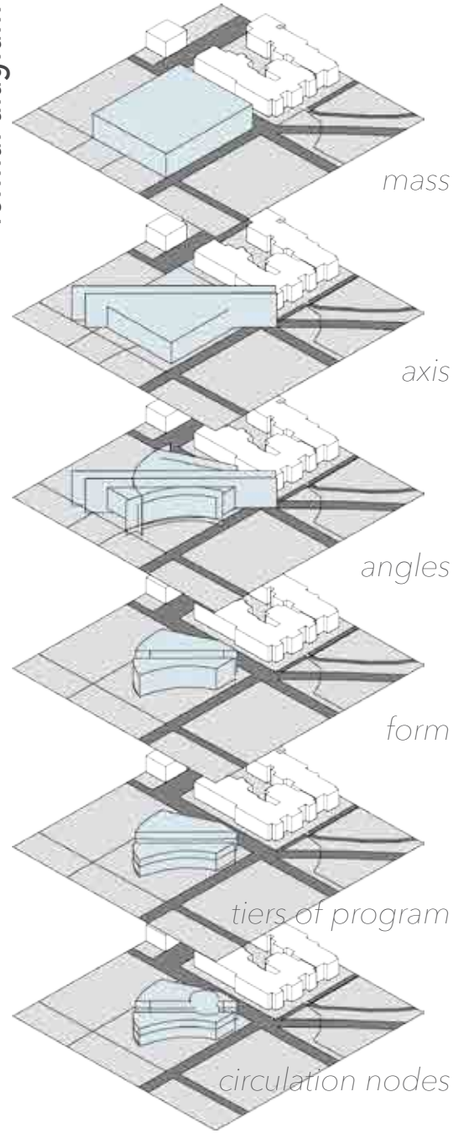


green space



voids

formal diagram



levels of activity

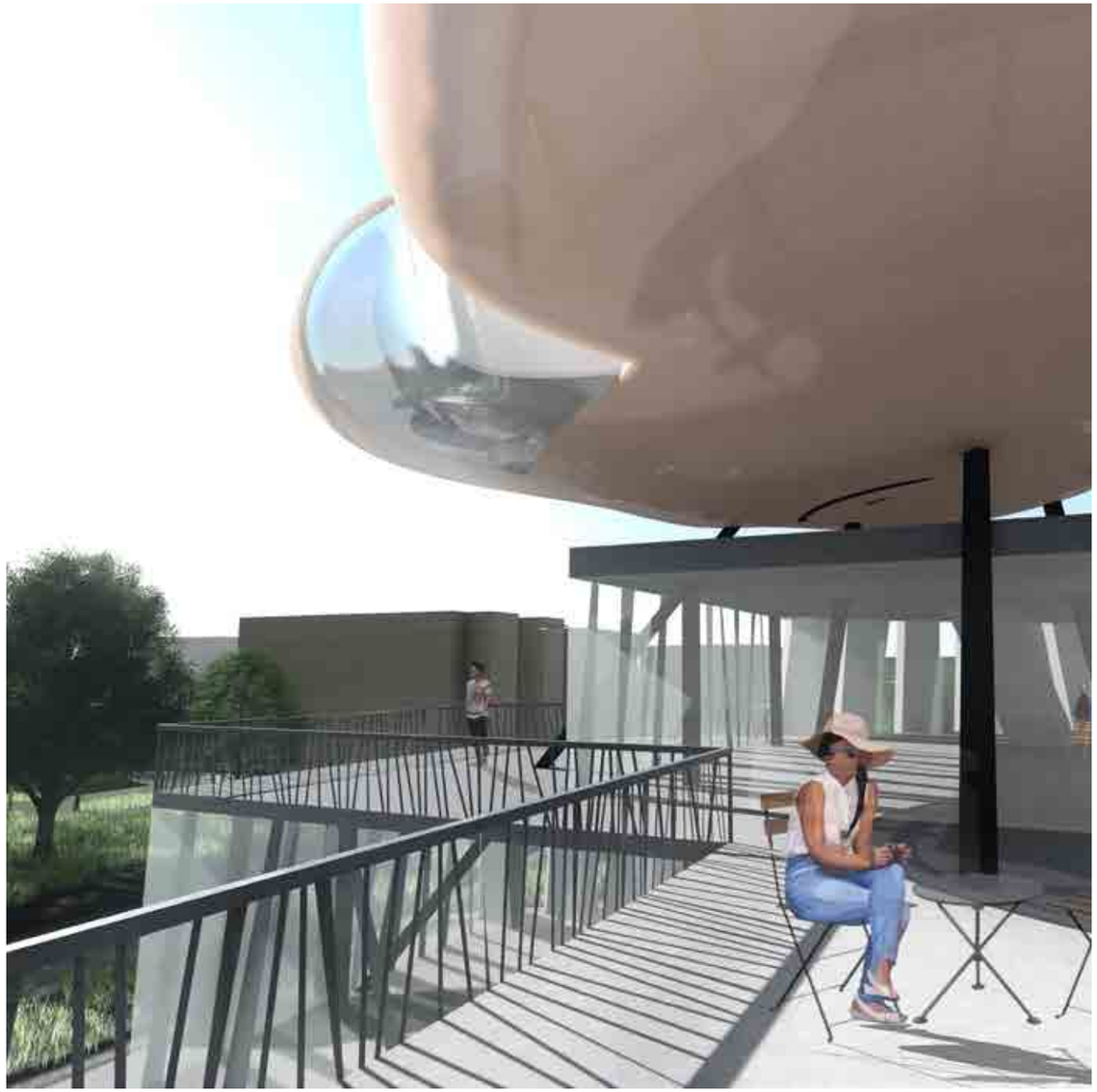
low



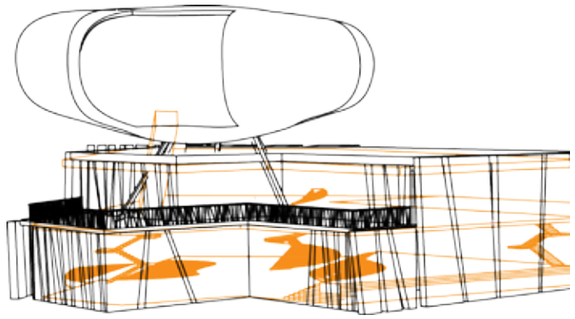




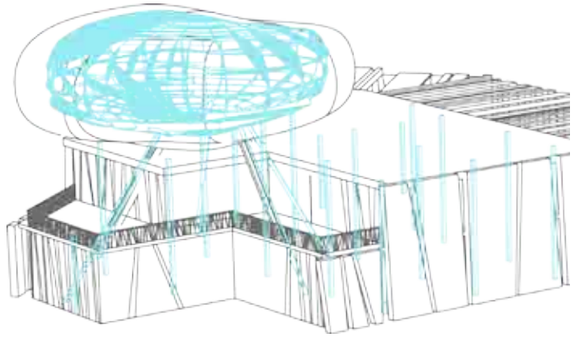
high







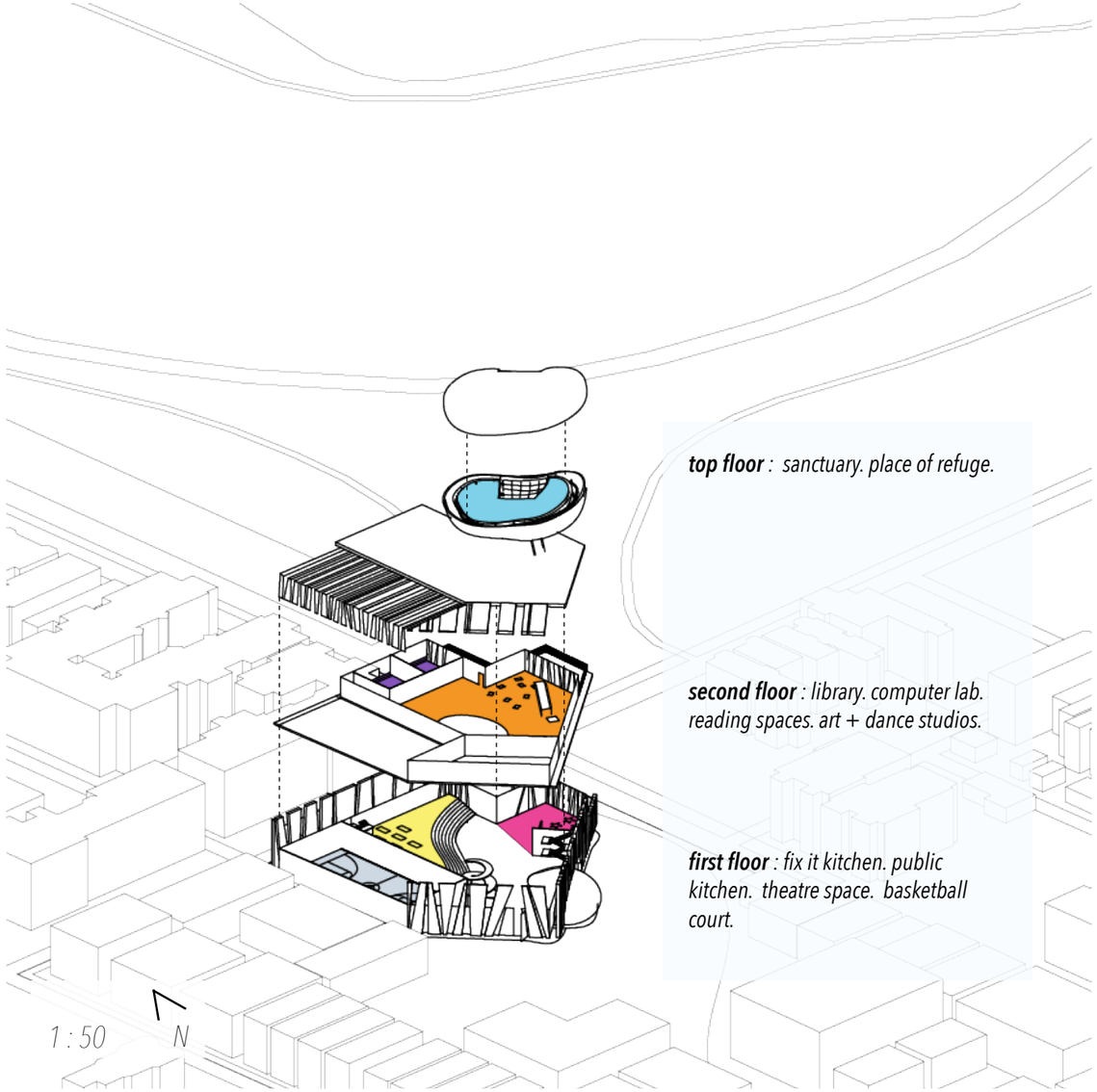
circulation diagram



structural diagram



site plan



top floor *: sanctuary. place of refuge.*

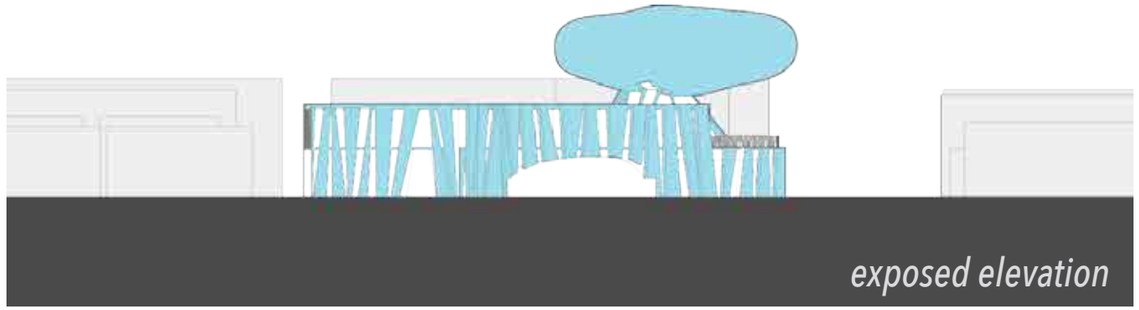
second floor *: library. computer lab. reading spaces. art + dance studios.*

first floor *: fix it kitchen. public kitchen. theatre space. basketball court.*

1 : 50

N





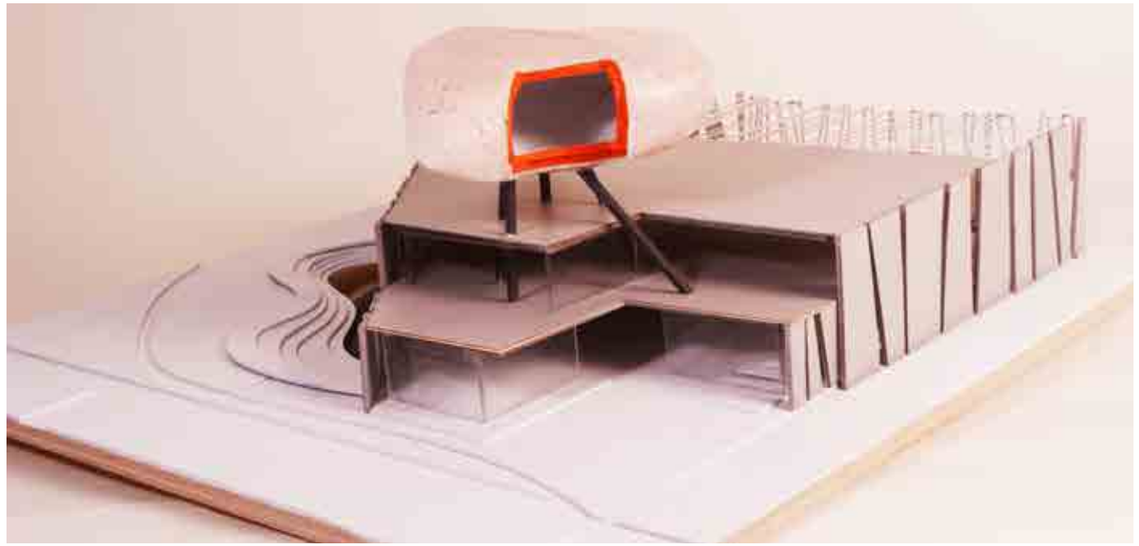
exposed elevation



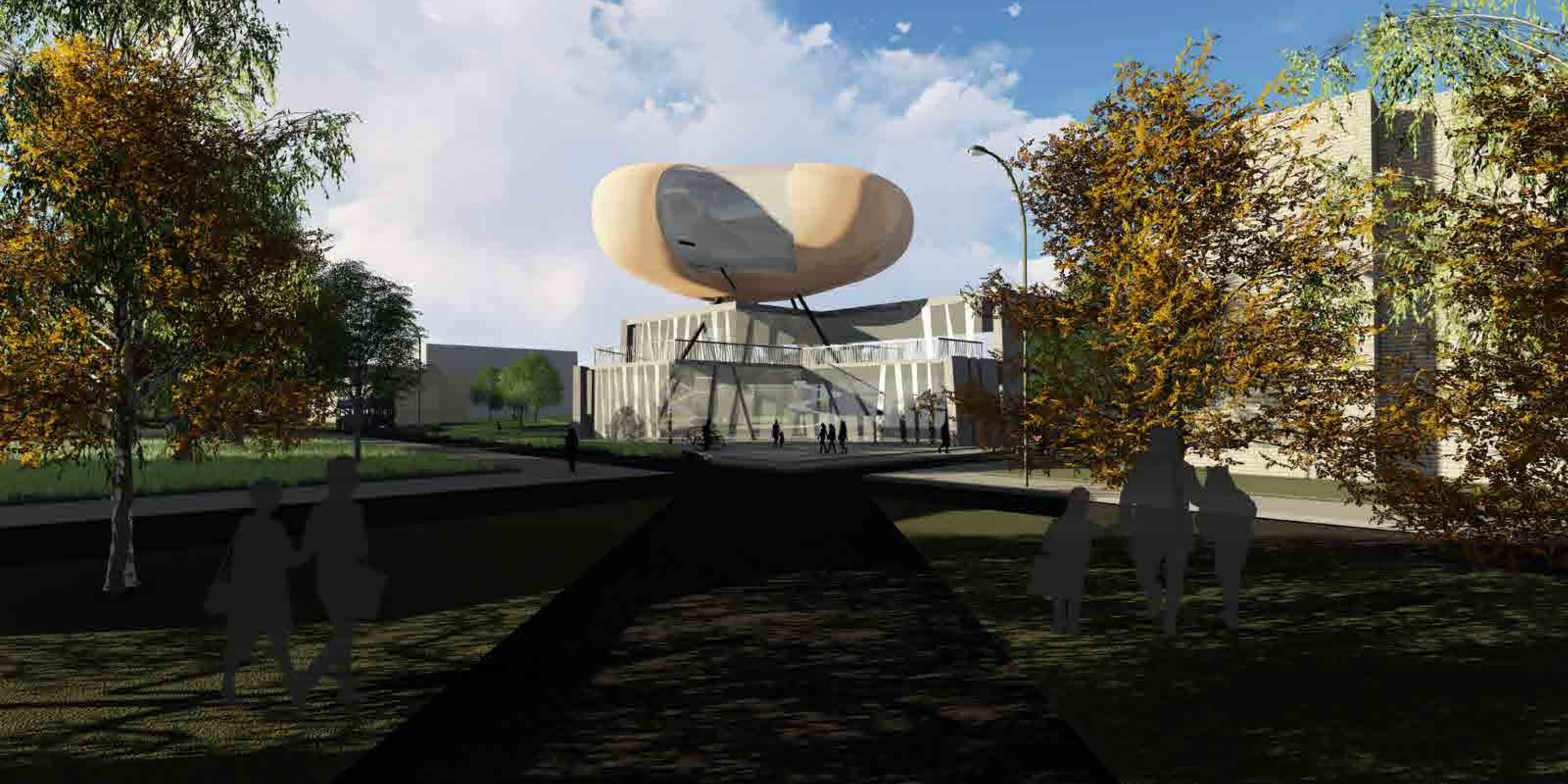
site model



detail model

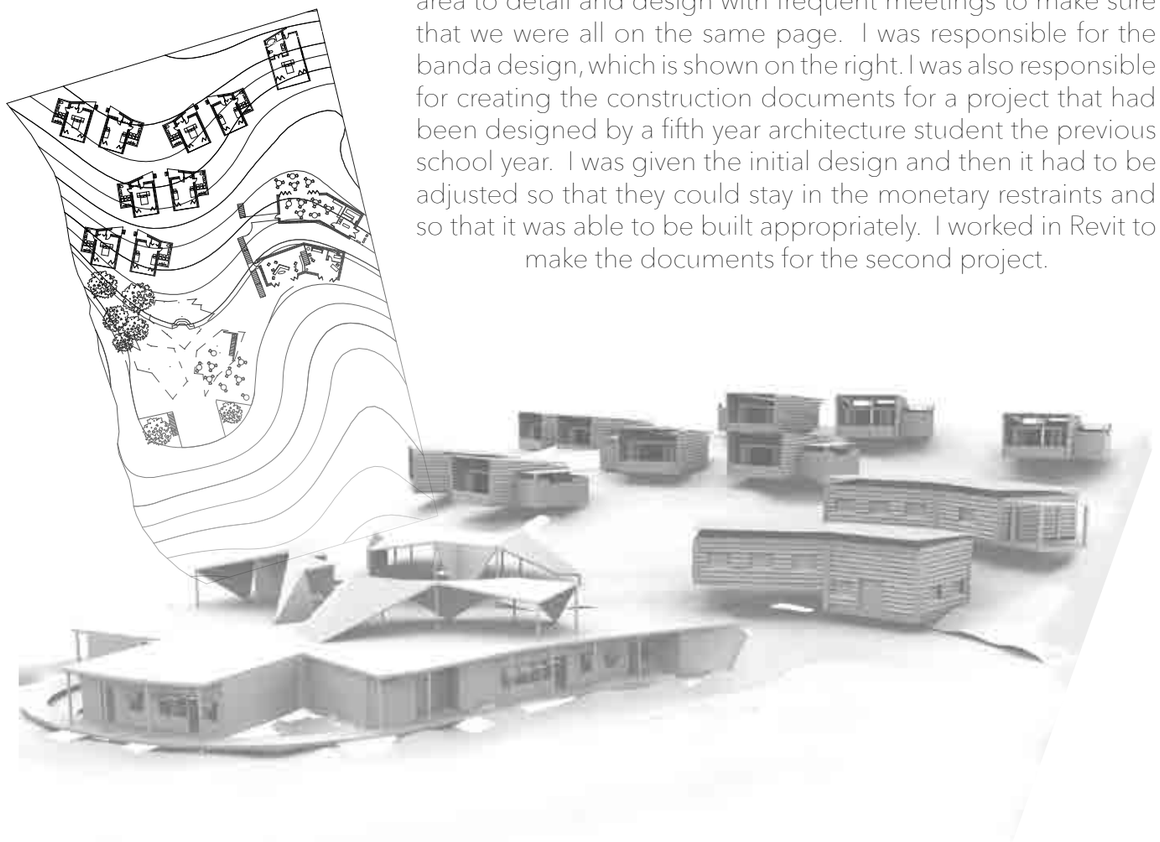


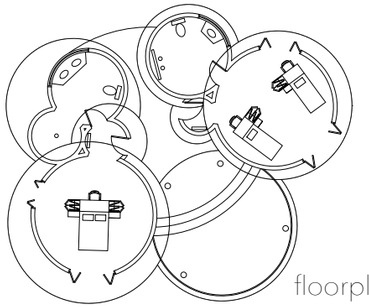
building model



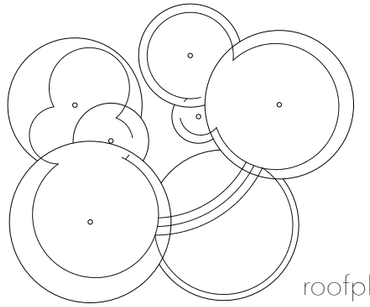
INTERNSHIP

During my internship at Journeyman International I had the opportunity to design an eco-resort/learning center in Wongonyi, Kenya with the three fellow interns. Once we got through the initial design process we each took on a different area to detail and design with frequent meetings to make sure that we were all on the same page. I was responsible for the banda design, which is shown on the right. I was also responsible for creating the construction documents for a project that had been designed by a fifth year architecture student the previous school year. I was given the initial design and then it had to be adjusted so that they could stay in the monetary restraints and so that it was able to be built appropriately. I worked in Revit to make the documents for the second project.

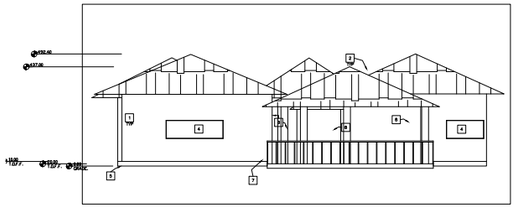


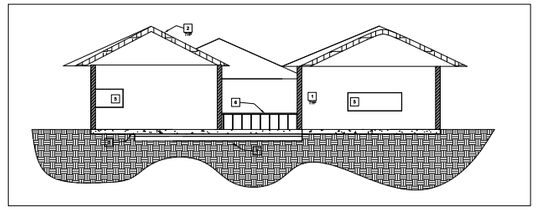


floorplan



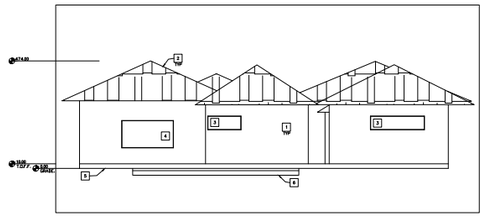
roofplan

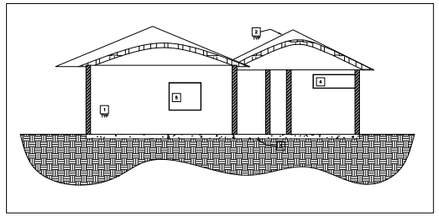




4 NORTH ELEVATION

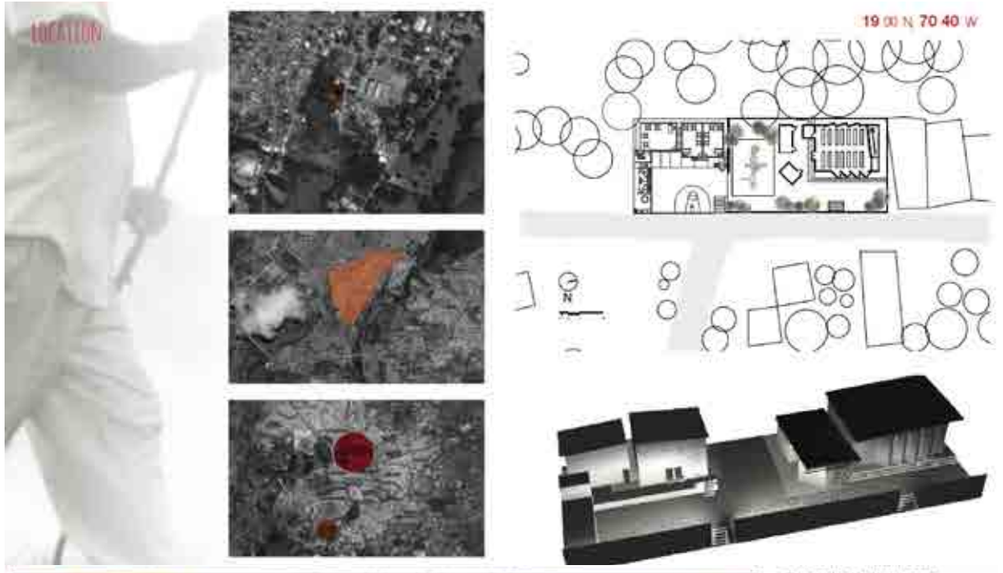
4 BUILDING SECTION A





5 SOUTH ELEVATION

5 BUILDING SECTION B

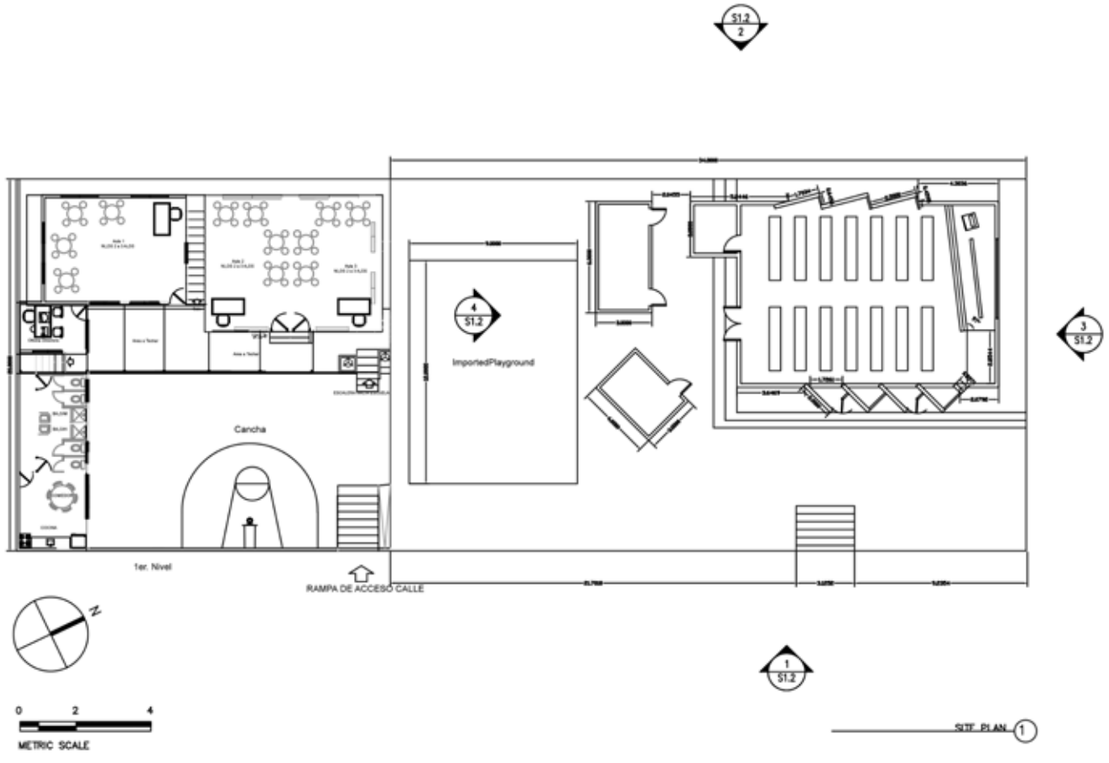




The people of La Yaguita are a community of great faith. The interior of the sanctuary should inspire and encourage their faith and sense of awe. The cross wall faces north, allowing the design to channel a spiritual light that remains constant throughout the year and as the sun's angle slowly alters, it's rays reach everyone in the church

DAYLIGHT STUDIES

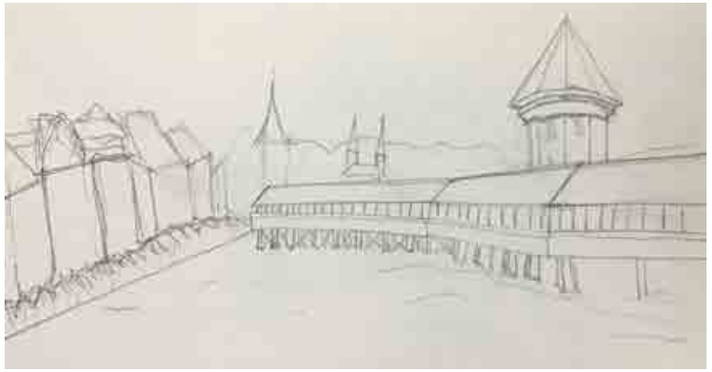
from Jessica Coleman



FINE ARTS



collage | Scudellate



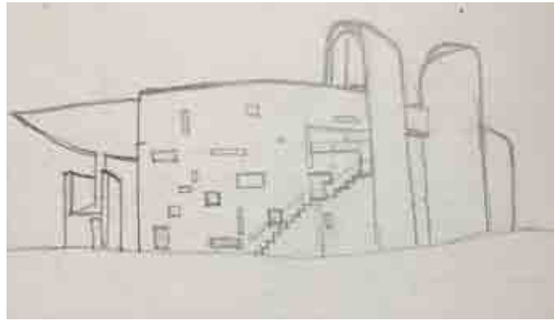
sketch | Lucerne



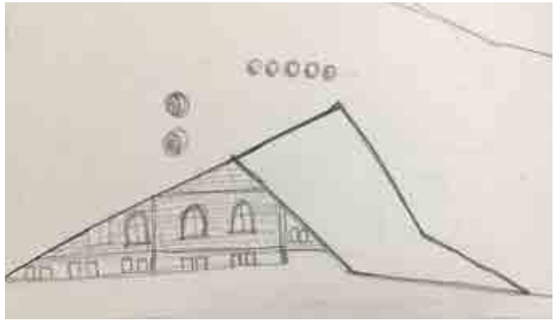
watercolor | Scudellate



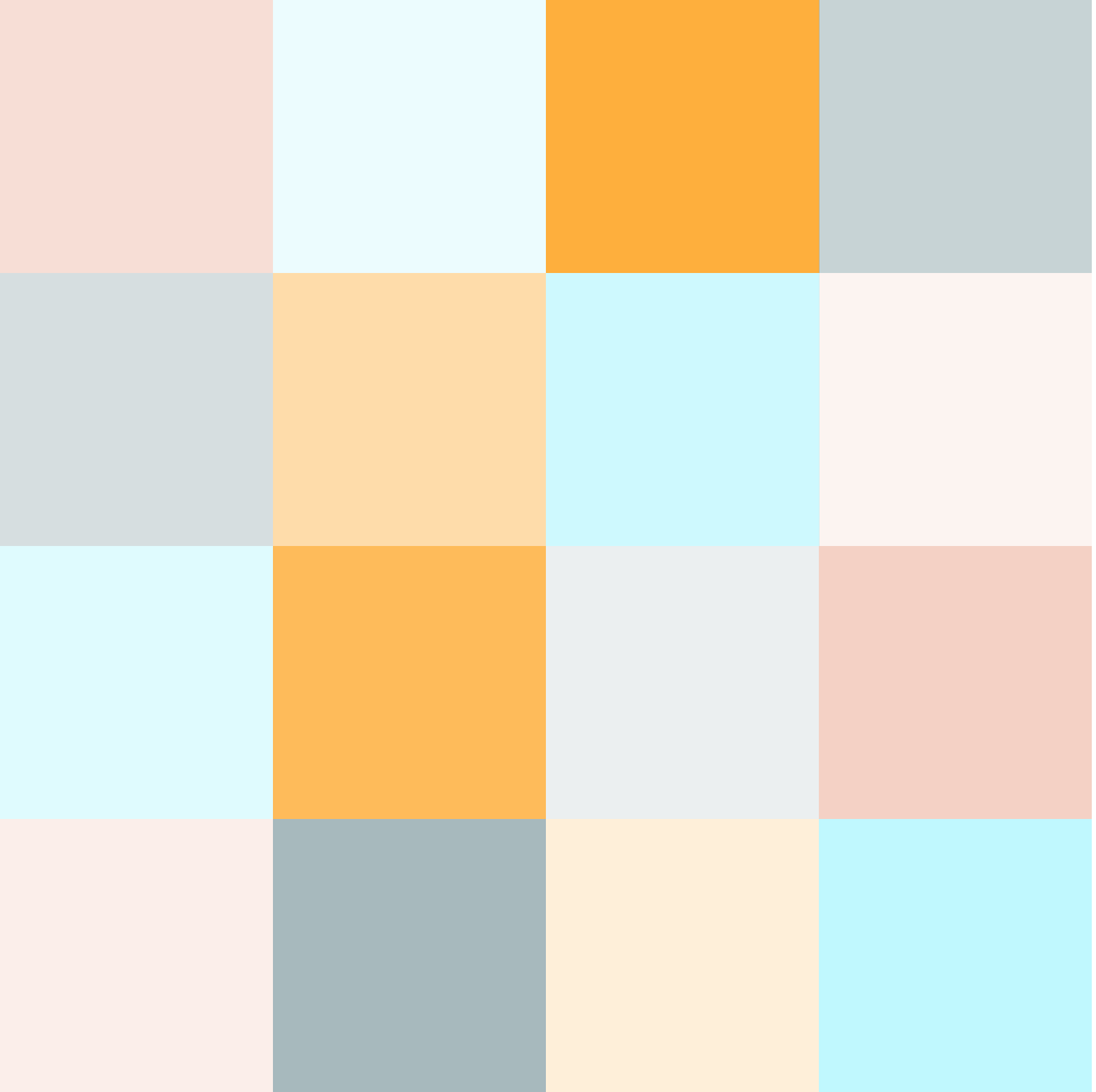
watercolor | San Luis Obispo



sketch | Ronchamp



sketch | Zurich



ALEXANDRA ADDESSO | LEED Green Associate

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EDUCATION

California Polytechnic State University | San Luis Obispo, CA

Bachelor of Architecture
Minor in Sustainable Environments

june 2017

fall 2015 Study Abroad | Cal Poly Global Program: Architecture in Rome

summer 2016 Study Abroad | Cal Poly Global Program: Architecture in Switzerland

Building Performance Analysis Consultant (BPAC)

COURSEWORK

Design and Visual Communication | Architectural Design | Architectural Practice
Environmental Control Systems I + II | History of Architecture | Structures I + II |
Structural Systems for Architects | Small Scale Buildings | Large Scale Structures |
Energy for a Sustainable Society | Environmental Ethics | Urban Design |
Architecture History, Theory & Criticism | Sustainable Environments

SKILLS

AutoCAD	■■■■■■■□	Photoshop	■■■■■■■□
Rhino	■■■■■■■□	Illustrator	■■■■■■□□
V-Ray	■■■■■□□□	InDesign	■■■■■■■□
Revit	■■■□□□□□	Sketchup	■■□□□□□□
Lumion	■■■■□□□□	Model Making	■■■■■□□□
Maxwell	■■■□□□□□	Digital Fabrication	■■■■■■□□

EXPERIENCE

summer 2015

Journeyman International | Red Studio Intern

Journeyman International is a local humanitarian design firm in San Luis Obispo, CA that joins architects, designers, engineers, etc to work on projects across the globe. I was fortunate enough to work with a team to design a learning resort in Wongonyi, Kenya. I interacted with the client and learned how to communicate the design to him. The project blended a school, which would allow women and children in the village to become educated, and an eco-resort which would act as the income to sustain the building. We were responsible for the design and also working on the CD sets for the final iteration of the project.

**references available upon request*

REFERENCES FOR
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