



KORIN BLUBAUGH

PROFESSIONAL AND UNDERGRADUATE PORTFOLIO



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TRAVEL PHOTOGRAPHY





PROFESSIONAL PROJECTS



MACOMB COUNTY



A large wall of monitors displaying various news and data feeds. The top row includes a news anchor, a weather forecast, and a KPTV news segment. The middle row features a news anchor, a map of Michigan, and a 'BREAKING NEWS' banner. The bottom row shows a 'CHILLING VIDEO OF HEAVY SHOOTERS' and a grid of smaller video feeds.

A monitor displaying a news anchor and a 'TOP NEWS' list. The list includes items such as 'MICHIGAN STATE POLICE CEO WE'RE FOCUSED ON GROWING' and 'MICHIGAN STATE POLICE'.

EMS

Fire
Fire

Communications

Damage Assessment

02

05

03

National Response Plan
Macomb County Hazard Mitigation Plan
2015-2020





COMTEC

Firm: Partners In Architecture, PLC

Design Location: Mount Clemens, MI

Project Type: Public Sector

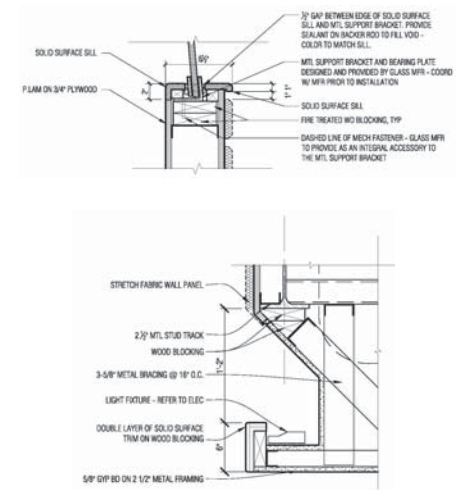
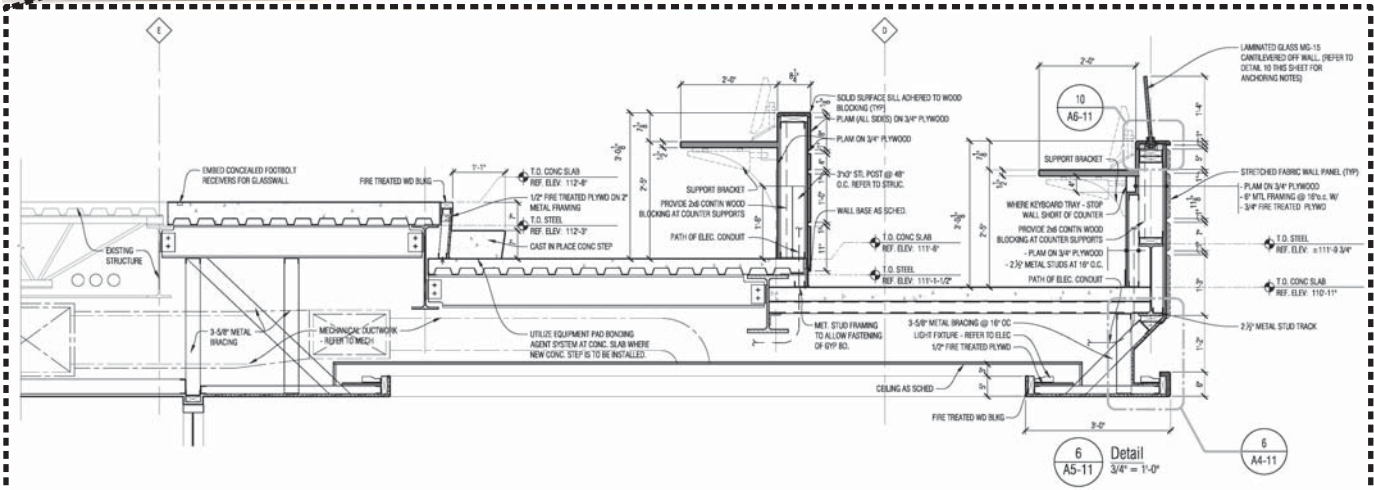
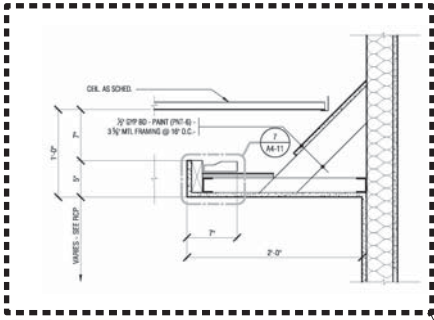
Status: Under Construction

Size: **35,000 SF Addition/Renovation**

Construction Cost: **\$13.3 Million**

Comtec, given its name for being a center of communication and technology, combines the Department of Roads, Emergency Management, Police and Fire Dispatch of Macomb County. In order to have the fastest, most effective response, dispatchers are arranged around a (54)-70" screen video wall delivering live feeds from around the county. As my first project at Partners in Architecture, I participated in making the highly technical design of Comtec a reality. My responsibilities included assisting in working out design details, selecting finishes and reviewing shop drawing submittals.









Floor Plan

MADISON ELEMENTARY SCHOOL

Firm: Partners In Architecture, PLC

Design Location: Madison Heights, MI

Project Type: Education

Status: Under Construction

Size: 40,00 SF Renovation & 32,000 SF Addition

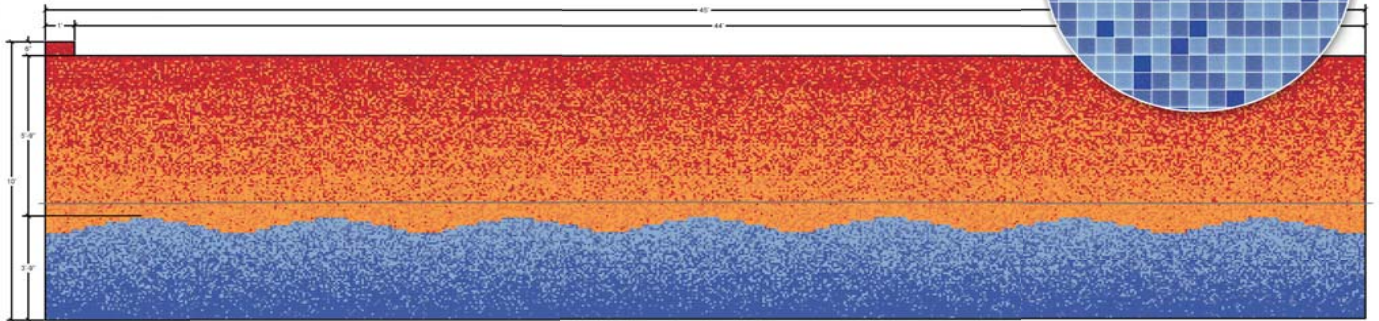
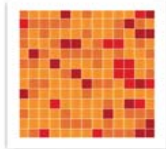
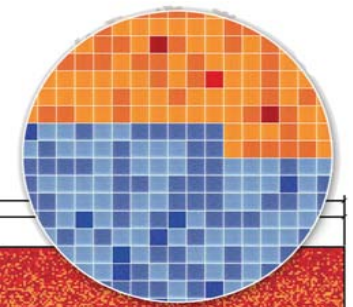
Construction Cost: \$8 Million

While with Partners in Architecture, I contributed to the team effort to renovate the new Madison Elementary School. I contributed to design, construct documentation and construction administration phases in order to assist the team in creating an exciting, "Disney-like" environment for the students and staff of Madison Elementary. My main responsibilities included interior design, finish selection and construction documentation.

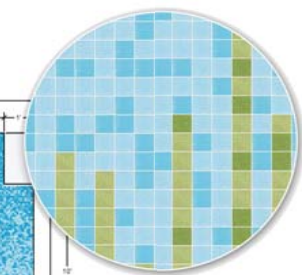
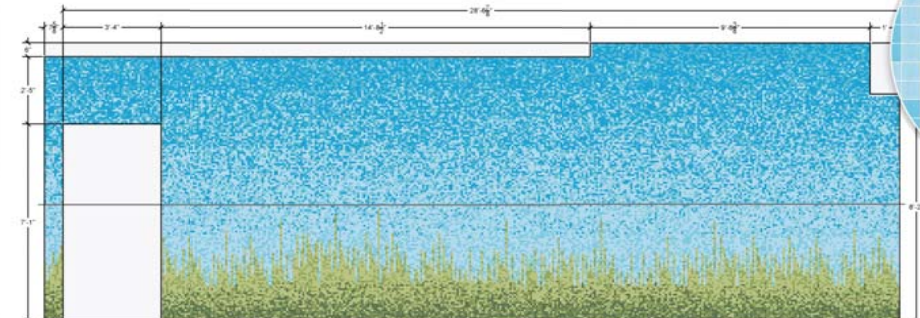
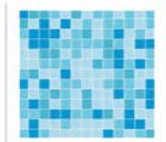
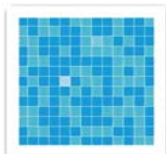


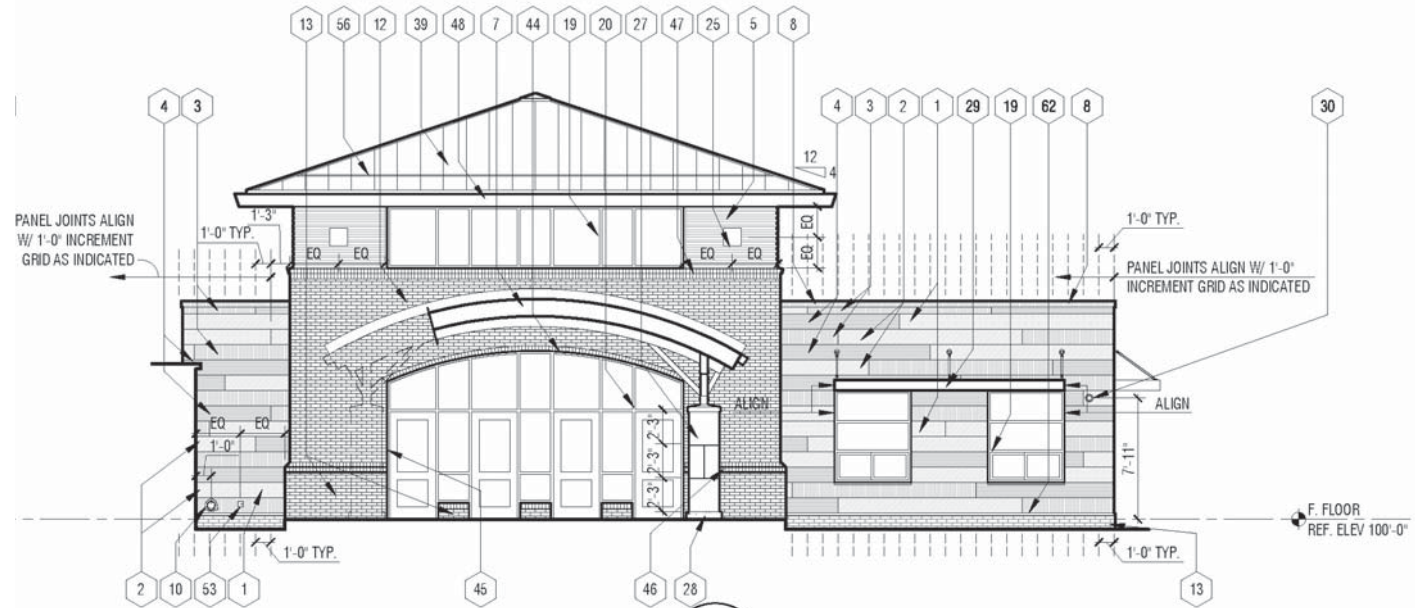


Cafeteria Interior

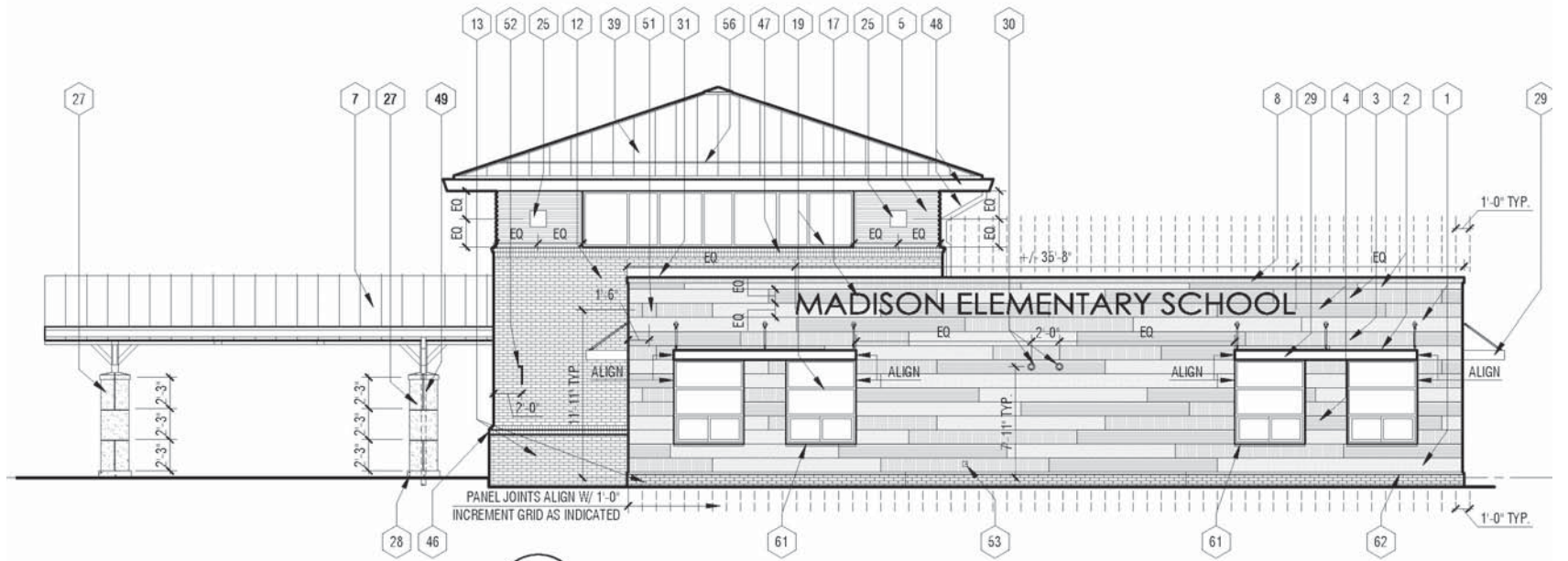


Rendered Interior
Elevations of mosaic
"landscape" walls. With
assistance from the
team, I was able to
design and administrate
construction of these
complex mosaic walls.

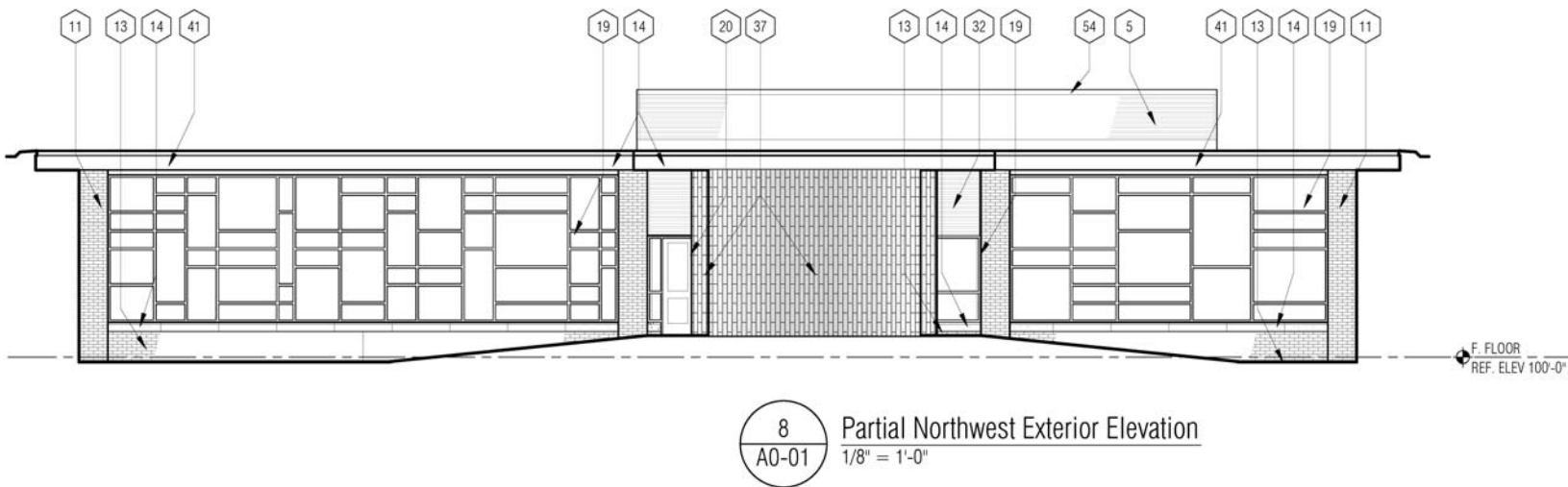
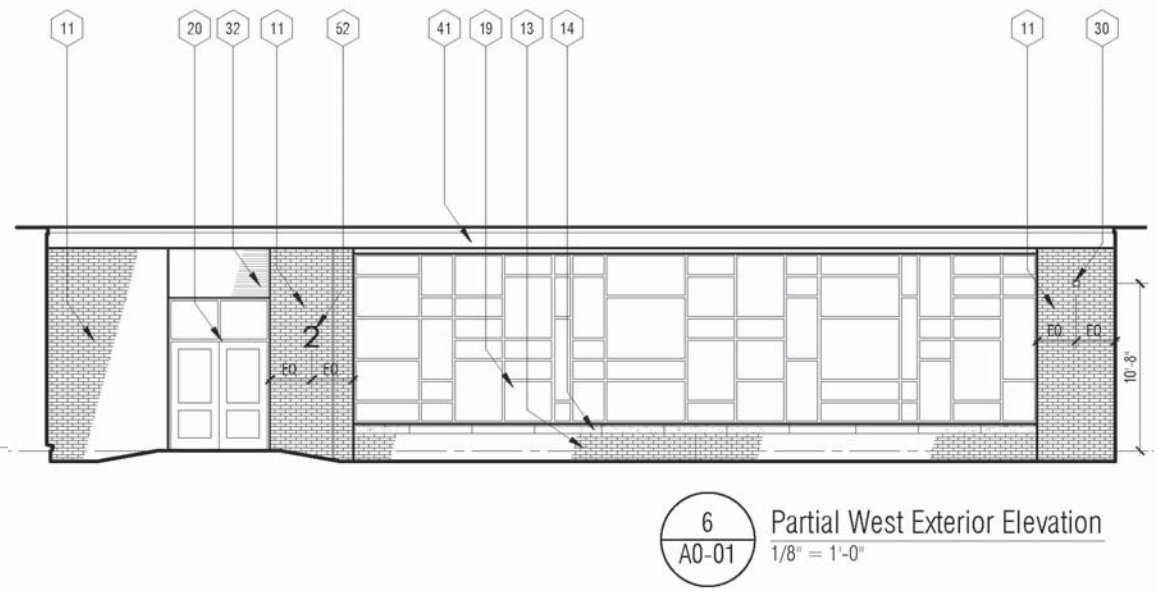
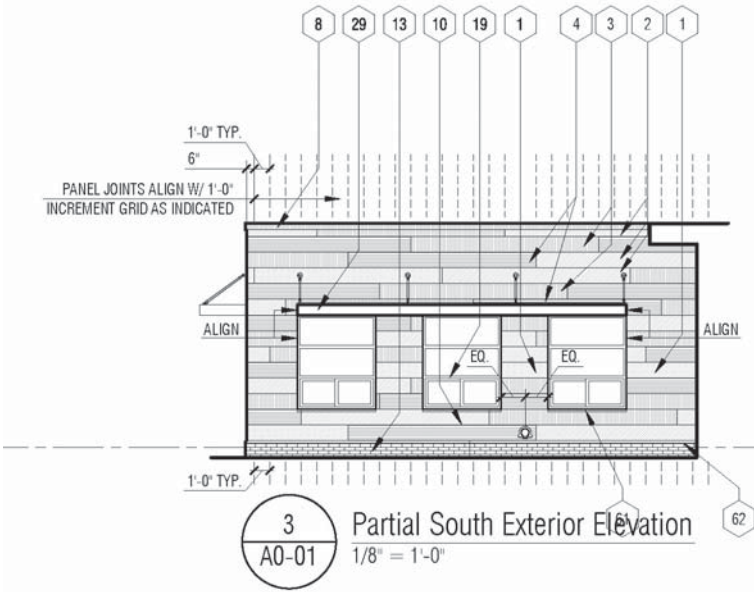




1
A0-01
Partial North Exterior Elevation
1/8" = 1'-0"
A3-07



2
A0-01
Partial West Exterior Elevation
1/8" = 1'-0"







UNDERGRADUATE PROJECTS

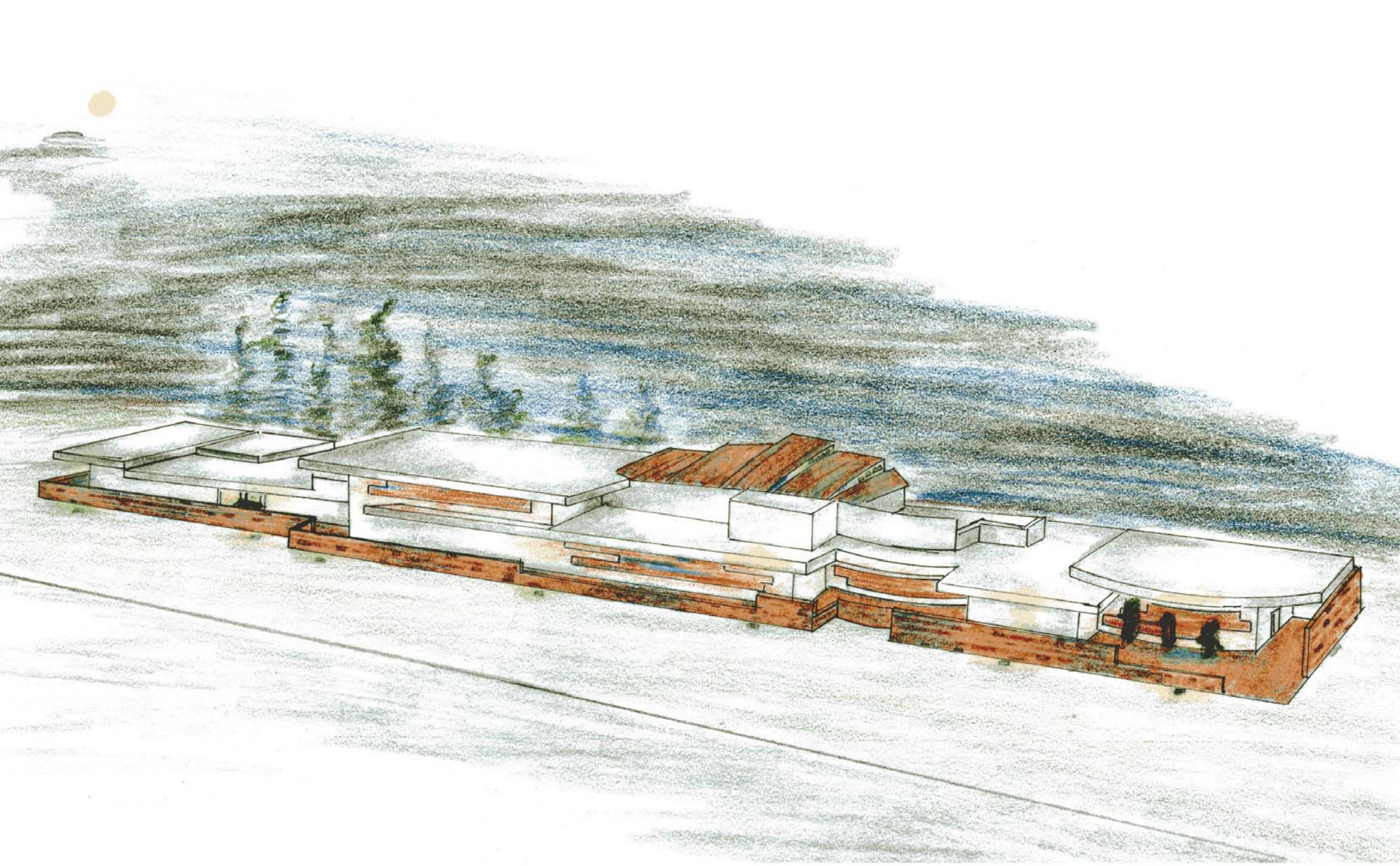


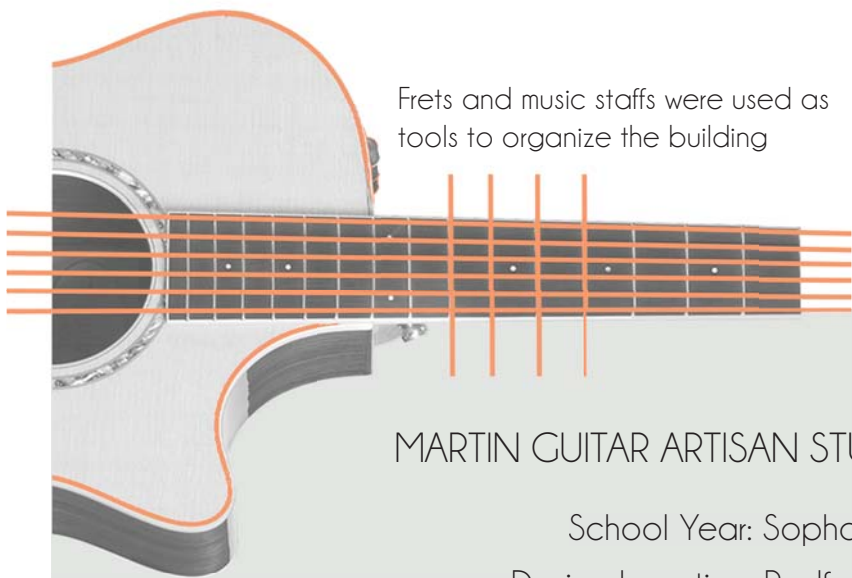


FRANK GEHRY'S SCHNABEL HOUSE
RENDERING PROJECT

School Year: Freshman
School Project Type: Rendering Reproduction



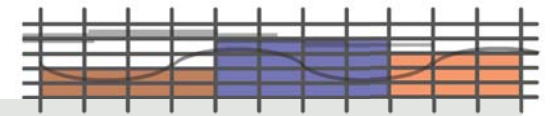
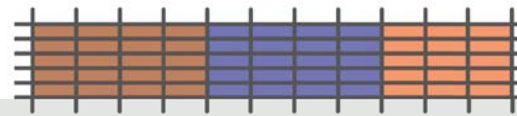




Frets and music staves were used as tools to organize the building

Frets were implemented as the structural and plan layout

The vibration of strings and changing of chords translate into undulations in plan and elevation



MARTIN GUITAR ARTISAN STUDIO

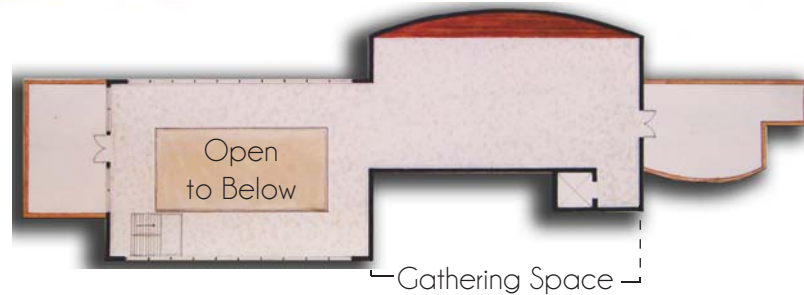
School Year: Sophomore

Design Location: Redford, MI

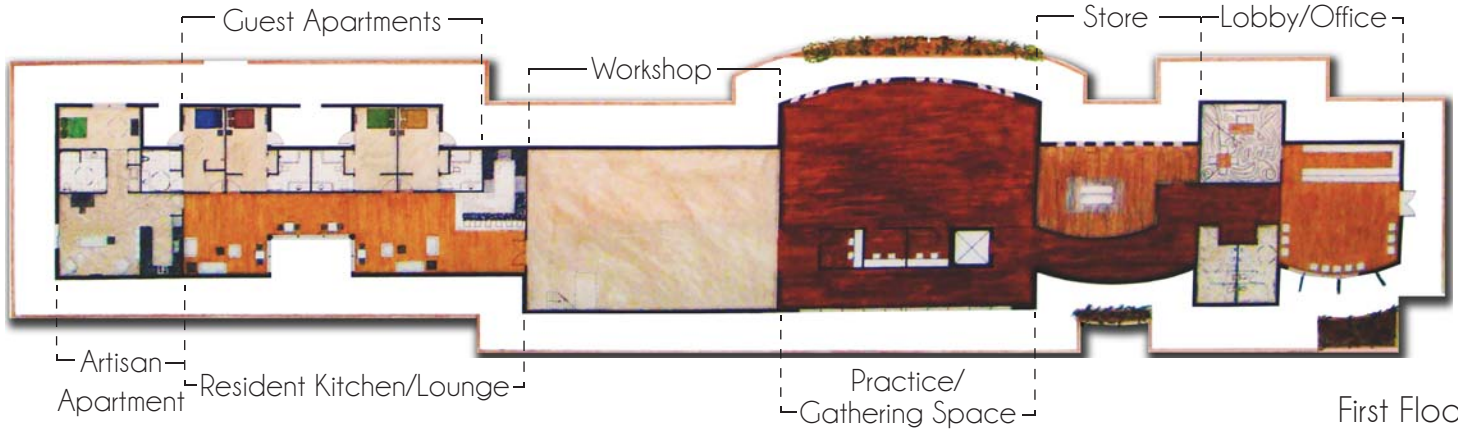
School Project Type: Commercial

Size: 14,500 SF

The studio was hypothetically designed to provide the Martin Guitar Artisan with a retreat to teach musicians to design, craft and play guitars. The building was designed around the idea of giving an architectural form to music played on a guitar. Strings are sometimes plucked and other times strummed. Often music starts off gently and builds into a chorus or bridge. These observations and more were taken into consideration to give shape to the composition that is Martin Guitar Artisan Studio.



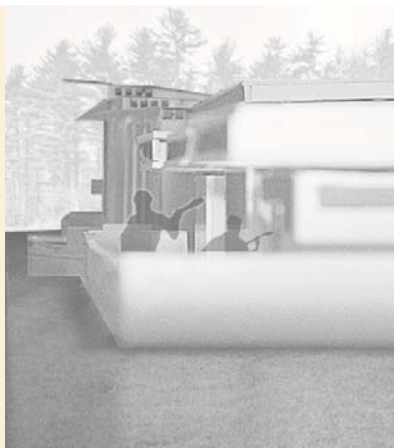
Second Floor Plan



First Floor Plan



The continuous patio wall provides the musicians with a point of refuge, similar to a stage, without pulling them out of the natural and inspiring surroundings.



Store / Gallery



Reception





CHILDREN'S CANCER TREATMENT CENTER

School Year: Junior

School Project Type: Healthcare

Size: **36,500 SF**

Software: Revit, Photoshop

Any building designed to adult proportions can be very intimidating for a child. That intimidation becomes worse when the child is sick and forced to become acquainted with a large hospital. However, children love toys and activities. In this case, bigger is better. Although a hospital needs to be clean, safe, adult-sized and functional, there is no reason it cannot also be a world like those children see in picture books. For these reasons, the goal of the design was to create a world of architecturally integrated play.



First Floor Plan



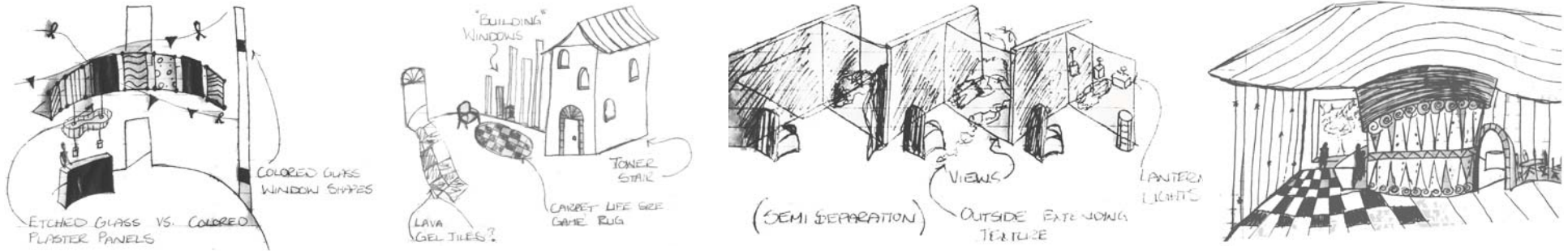
Second Floor Plan

Space Key:

- | | | | | |
|--------------------------------|---------------------|---------------------------|----------------------------|-----------------------|
| 1. Waiting, play and reception | 9. Consultation | 17. Simulation | 25. Reception | 33. Infusion Area |
| 2. Library | 10. Exam | 18. Dressing Room | 26. Office | 34. Computer/ Storage |
| 3. Restroom | 11. Nurse Station | 19. Waiting Area | 27. Staff Lounge | 35. Healing Garden |
| 4. Classroom | 12. Record | 20. Control Room | 28. Salon Space | |
| 5. Conference Room | 13. Janitorial | 21. Equipment and Storage | 29. Dress - Up | |
| 6. Crash Bed/Cart Storage | 14. Dark/ Film Room | 22. Linear Accelerator | 30. Wig Room | |
| 7. Blood Draw | 15. Clean Utility | 23. Cafe | 31. Massage | |
| 8. Contemplative Space | 16. Storage | 24. (Open to Below) | 32. Complementary Medicine | |



Section A - A'



Concept Development Sketches



Entry Lobby



Infusion Space

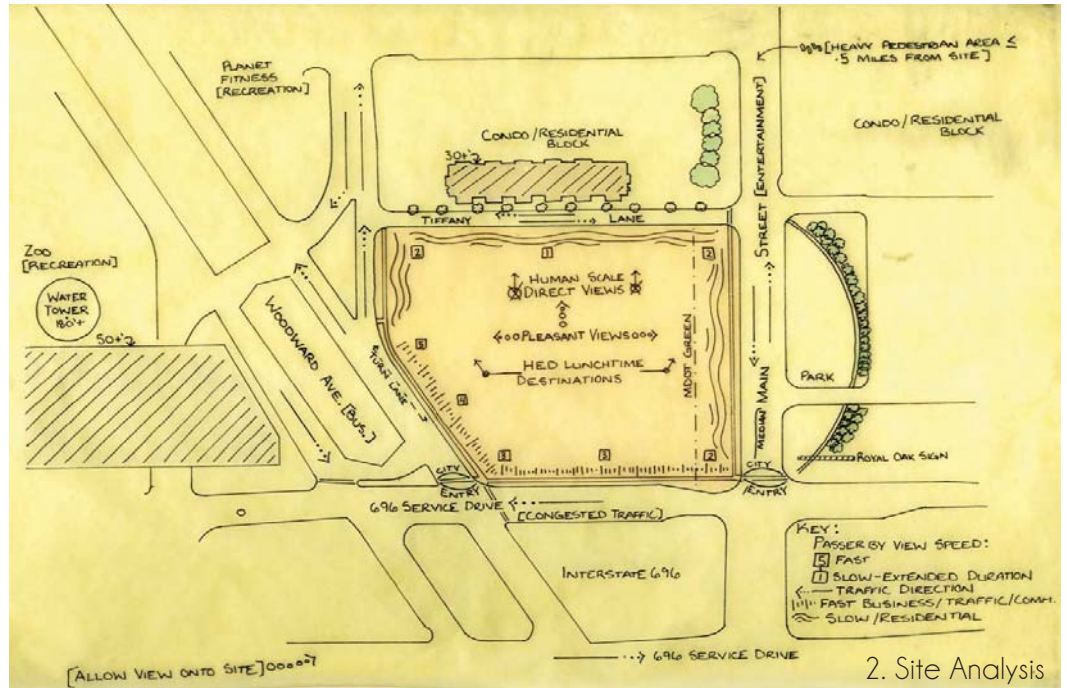


Patient View

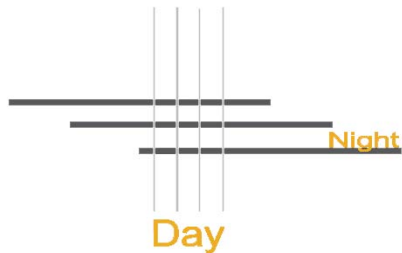




1. Collecting Information with building and street diagrams



2. Site Analysis



4. Detail Parti



3. Site Summary Parti

HARLEY ELLIS DEVEREAUX HEADQUARTERS

School Year: Senior

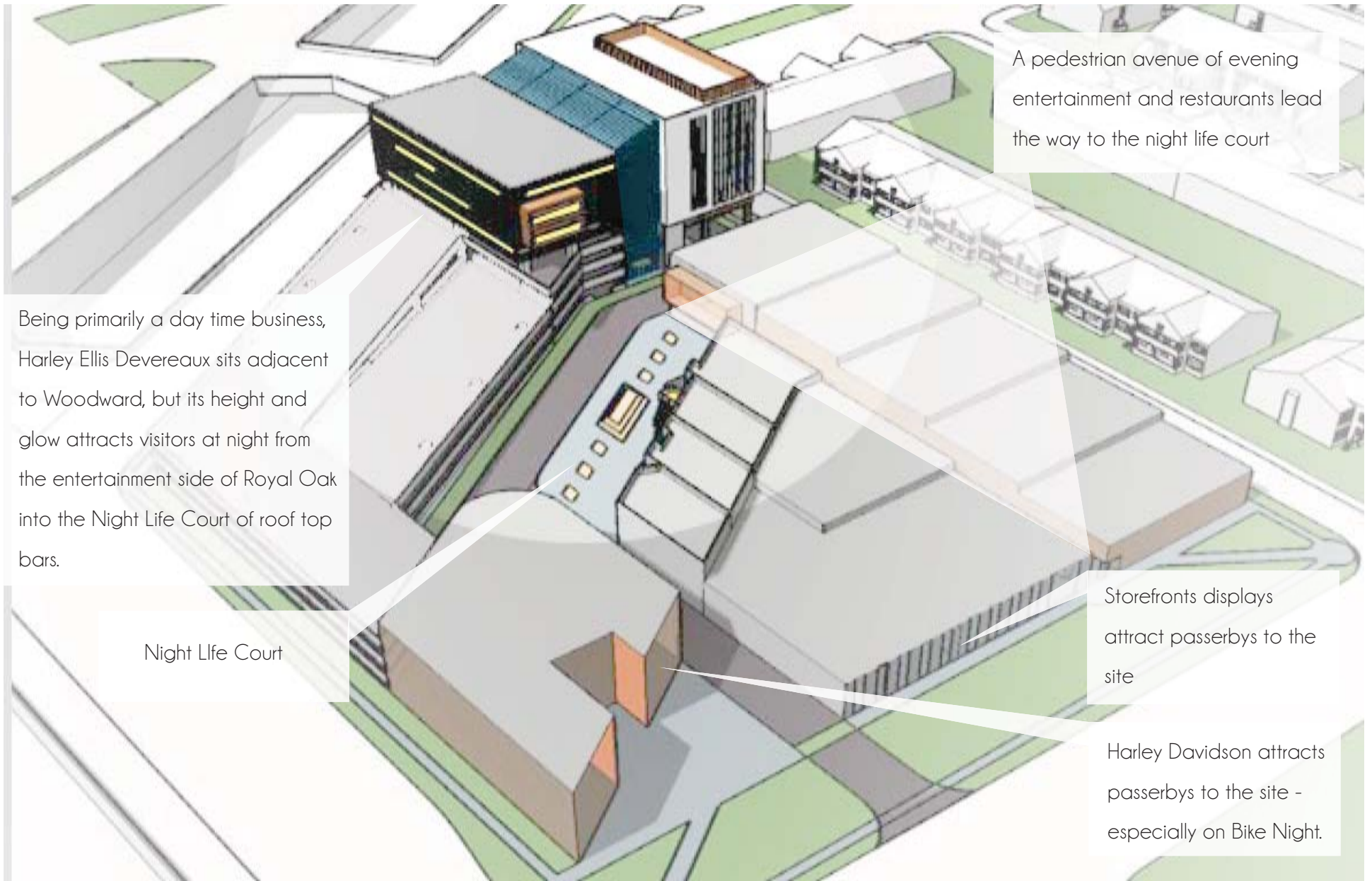
Design Location: Royal Oak, MI

School Project Type: Commercial

Size: **293,000 SF including parking garage**

Software: SketchUp, AutoCAD, Photoshop, V-Ray

As the gateway to Royal Oak, the site of Harley Ellis Devereaux must celebrate the city's most beautiful opposition; Night and Day. During the day, Woodward on the west is swift, light and energetic, reflecting busy shoppers, workers and travelers. At night, Main Street, in the east, takes over as a beacon for nightlife, leisure and entertainment. The Office of Harley Ellis Devereaux must also witness the Night and Day transformation; where sunset previously marked a work day that's gone on far too long, it will now trigger the creation of a changed environment. The process illustrated above depicts just some of the determining factors for the site development plan and Harley Ellis Devereaux design.



A pedestrian avenue of evening entertainment and restaurants lead the way to the night life court

Being primarily a day time business, Harley Ellis Devereaux sits adjacent to Woodward, but its height and glow attracts visitors at night from the entertainment side of Royal Oak into the Night Life Court of roof top bars.

Night Life Court

Storefronts displays attract passerbys to the site

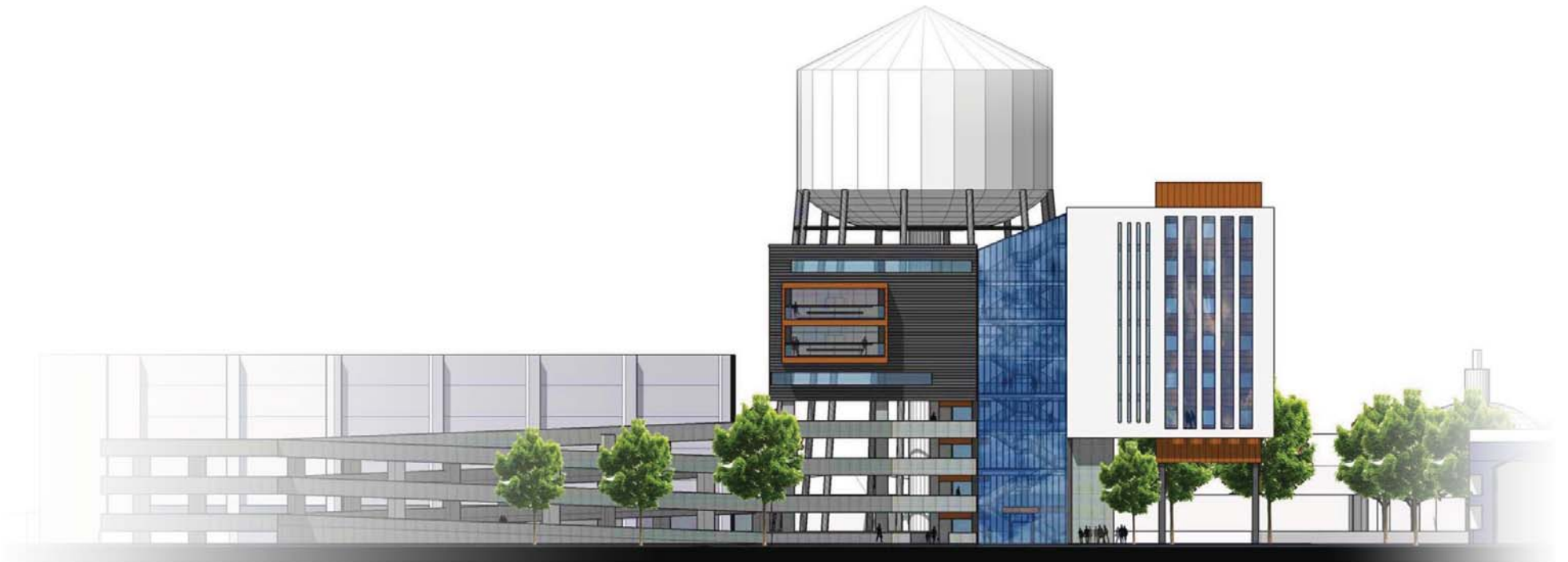
Harley Davidson attracts passerbys to the site - especially on Bike Night.



Entry Lobby



North Elevation



East Elevation

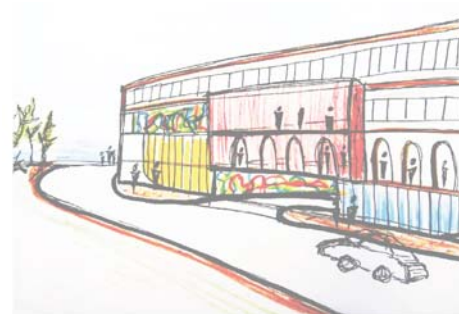
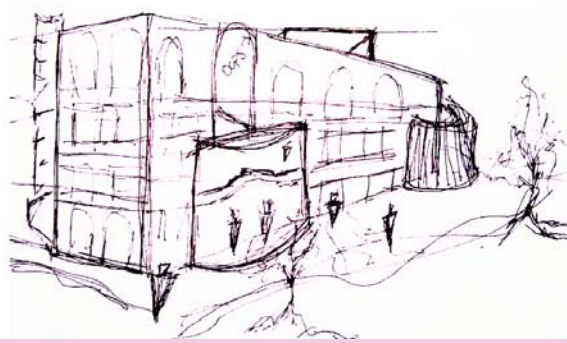
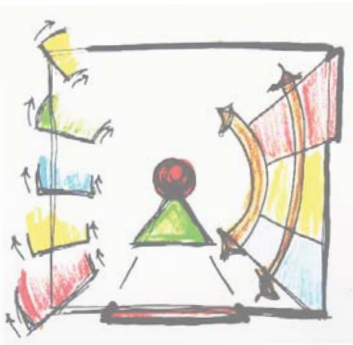


South Elevation



West Elevation





CREATIVE COMPLEX

School Year: Senior

Design Location: Detroit, MI

School Project Type: Commercial

Size: **144,000 SF**

Software: Revit, Photoshop, Illustrator, SketchUp, V-Ray

For this quick school project, students were challenged to conceptualize a “radical”, mixed-use renovation to 200 Riverside Lofts in Detroit, MI. This conceptual design uses two creative tools to foster a strong community. First, the design revolves around “Circulation Central”; a circulation node that allows residents to cross paths and mingle throughout their day. It also allows ease of wayfinding, as each space directs users back to a central starting point. Second, open spaces and a centrifugal grid allow the space to easily evolve to changing community needs. As an effect of the core, central axis, community activities burst out from the existing building shell.



Concept and Study Model

Site Study and Analysis

Vehicular Circulation



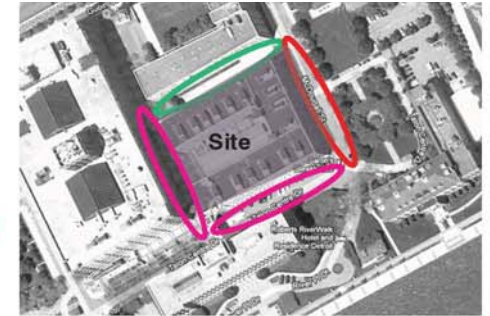
Pedestrian Circulation



Prominent Pedestrian Areas



Focus By Facade



Site Development Goals



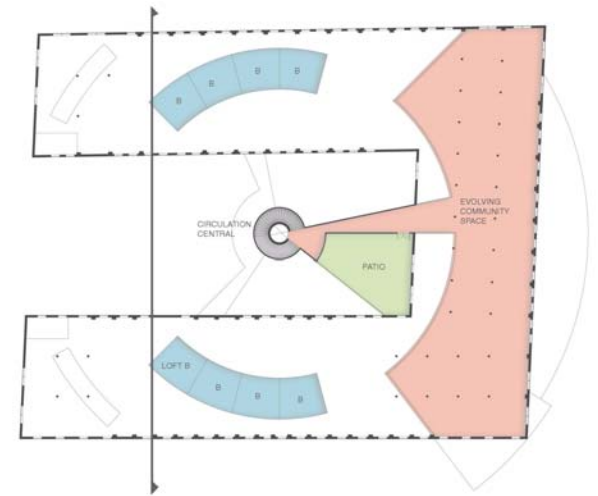
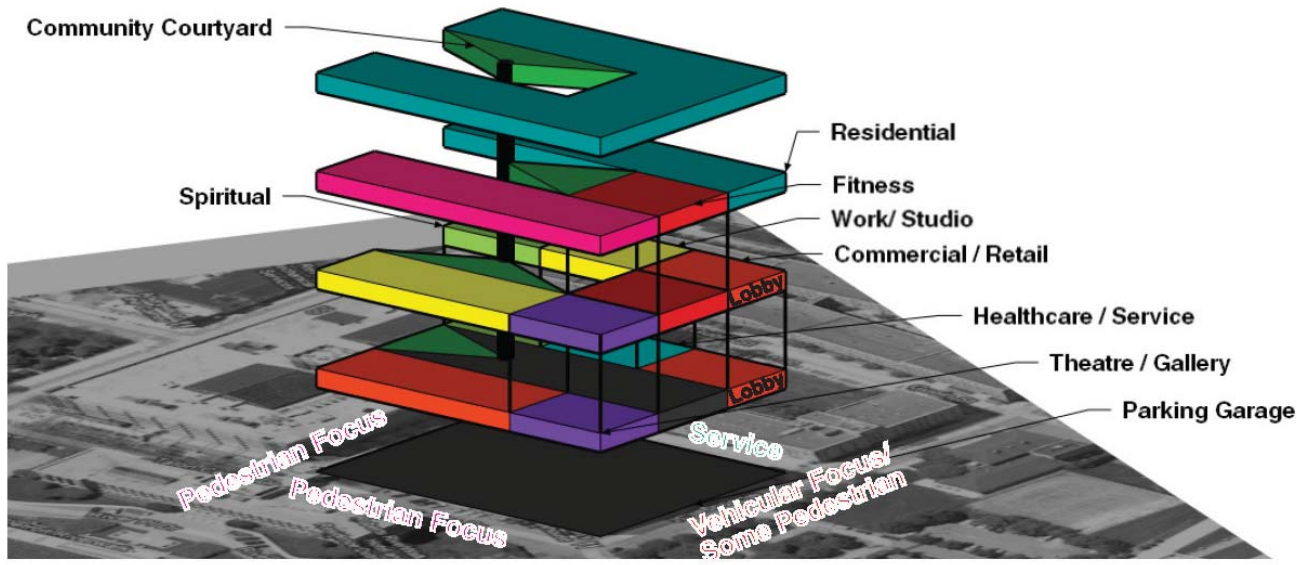
Extend Pedestrian Environment



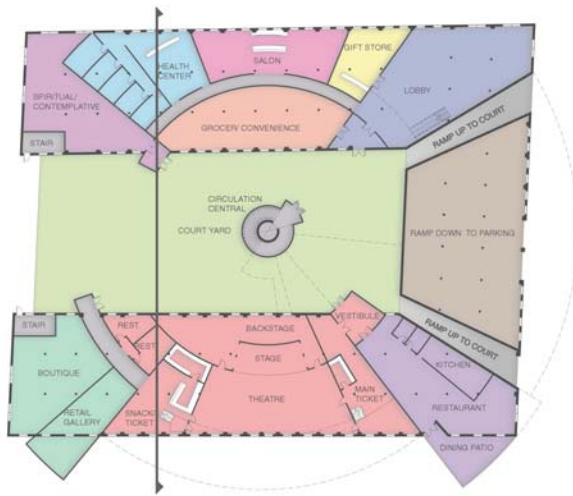
Develop Vehicular Circulation



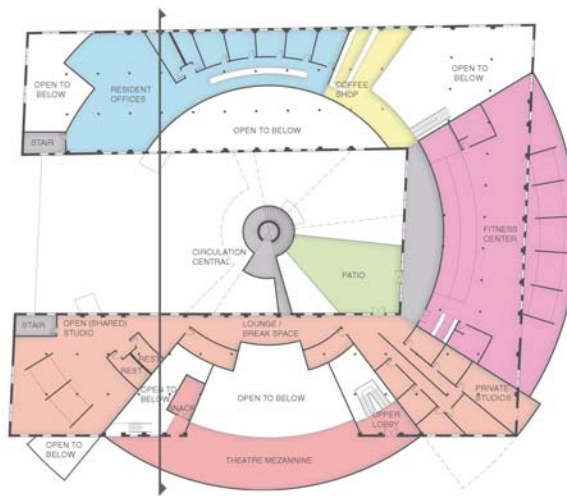
Attract Attention to Court



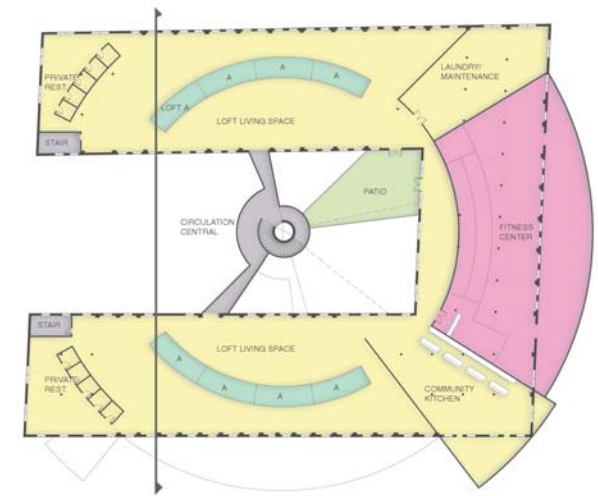
Fourth Floor Plan



First Floor Plan



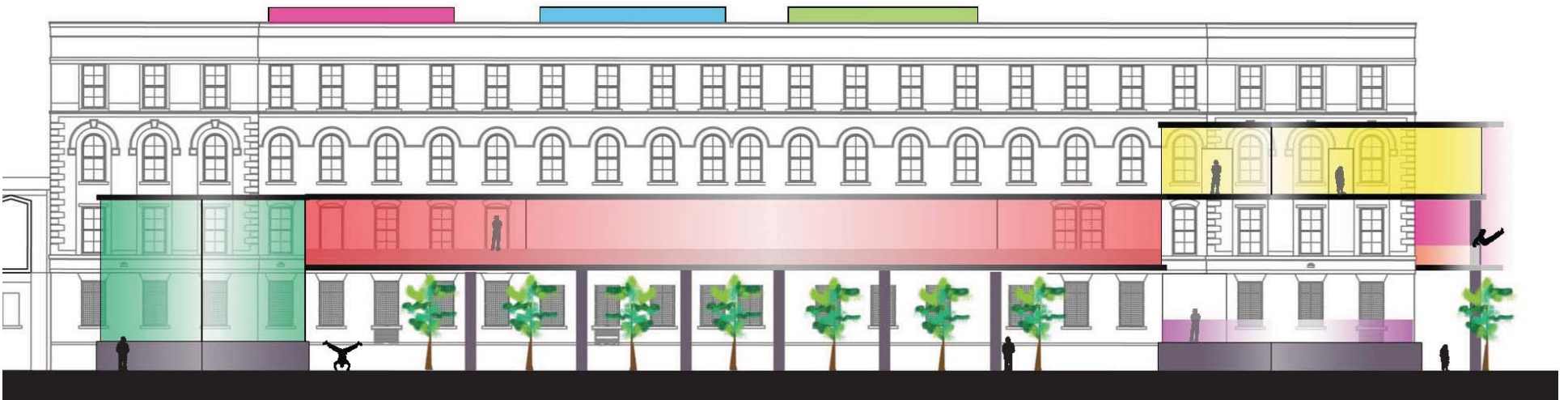
Second Floor Plan



Third Floor Plan



East Elevation



South Elevation



Loft Living Space Conceptual Sketch

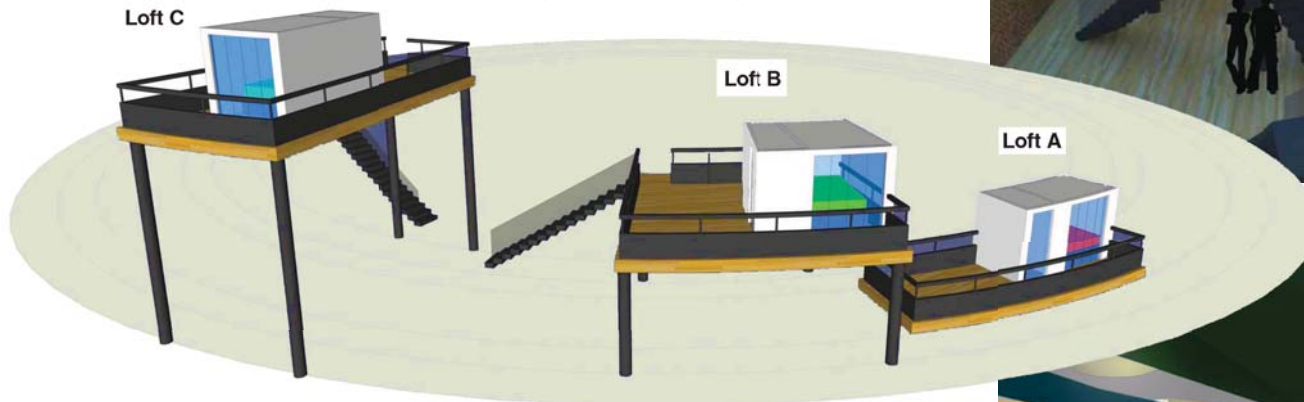
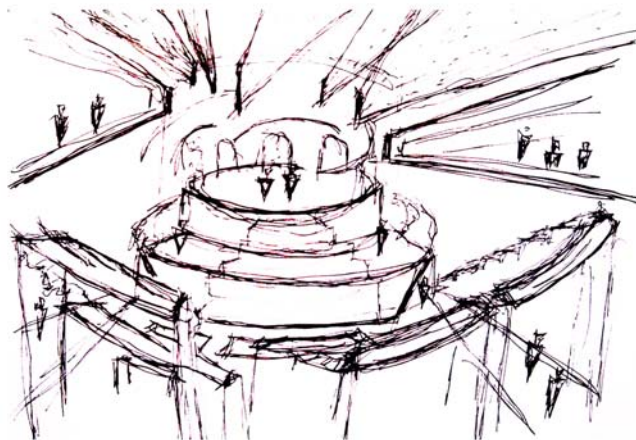


Diagram of Rotating Loft Living Space



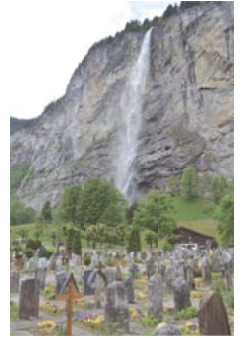
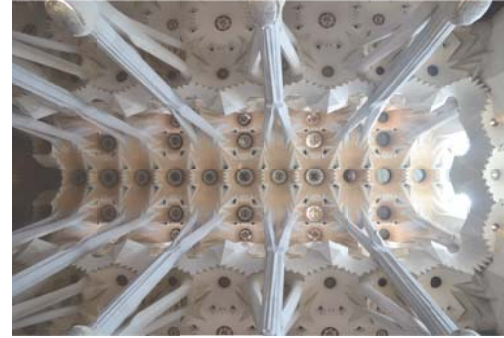
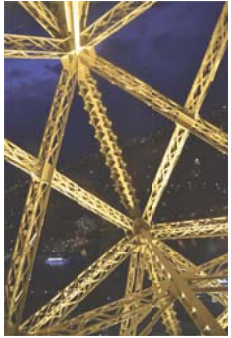
Performing Arts Theatre Conceptual Sketch

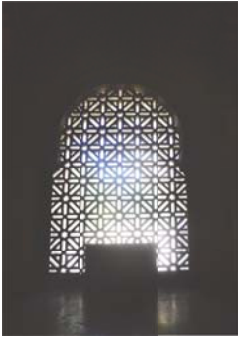


Loft Living Space



Performing Arts Theatre
CREATIVE COMPLEX 37





TRAVEL PHOTOGRAPHY



