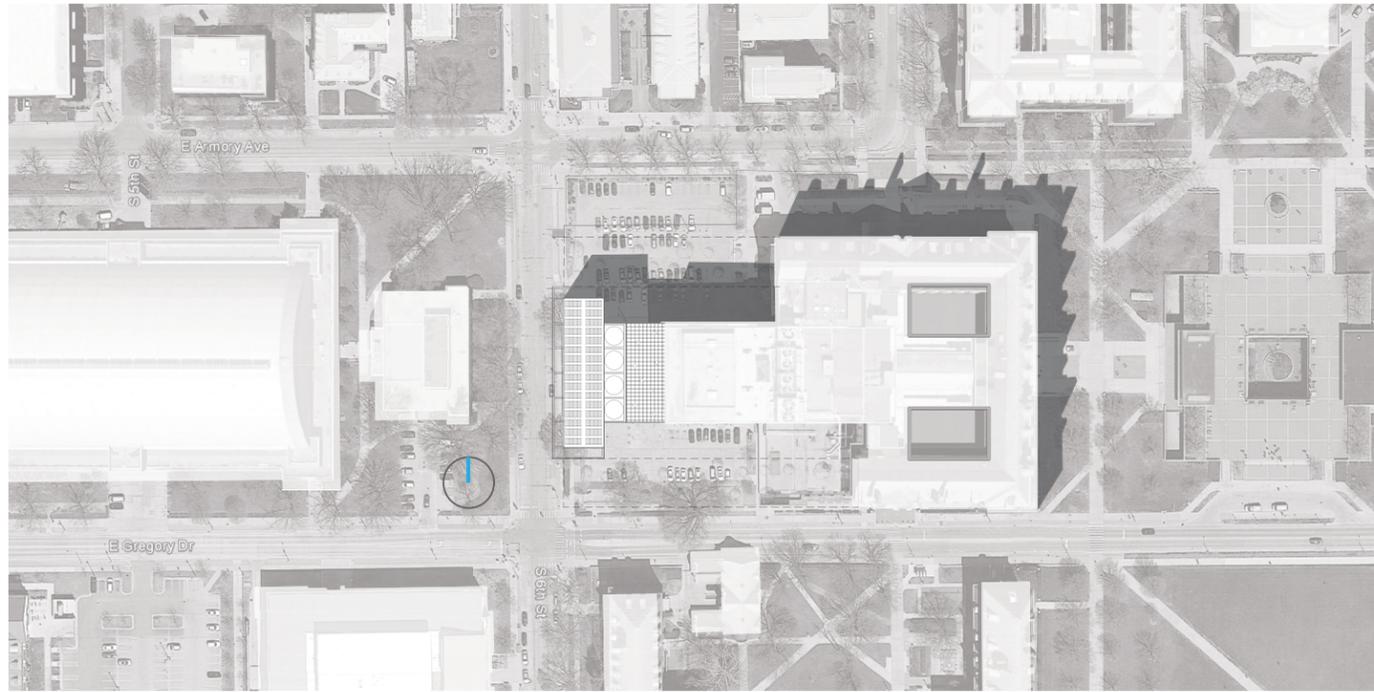


Rare books library extension at UIUC
Twelve-week project
Spring 2016 / Champaign, IL

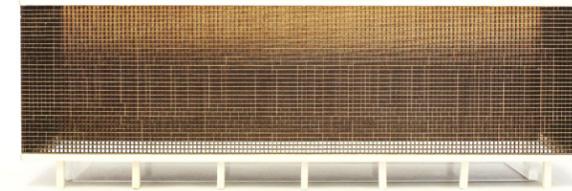


Library Site Plan

The physical library of the future will become an archive of our past rooted in the ideology of our contemporary digital age. The rare books and manuscript library proposal addresses this through a design that speaks to the dual nature of the contemporary library; a 'seedbank' style archive museum that simultaneously continues to function as a physical location for the dissemination of knowledge. The design utilizes the existing campus aesthetic to explore contemporary forms of brick application, integrating advanced solar tubing technology throughout its façade. The main vault containing rare books and other archive material is situated in the middle of the plan, formally operating as a symbolic reminder of its historic contents while acting as a thermal mass to protect the public functions of the building. This symbolism of the historic nature of the library and its artifacts will continue as a presence on the university campus as the library is expanded upon from its current and proposed additions in the twenty-first century and beyond.



Library Interior Render



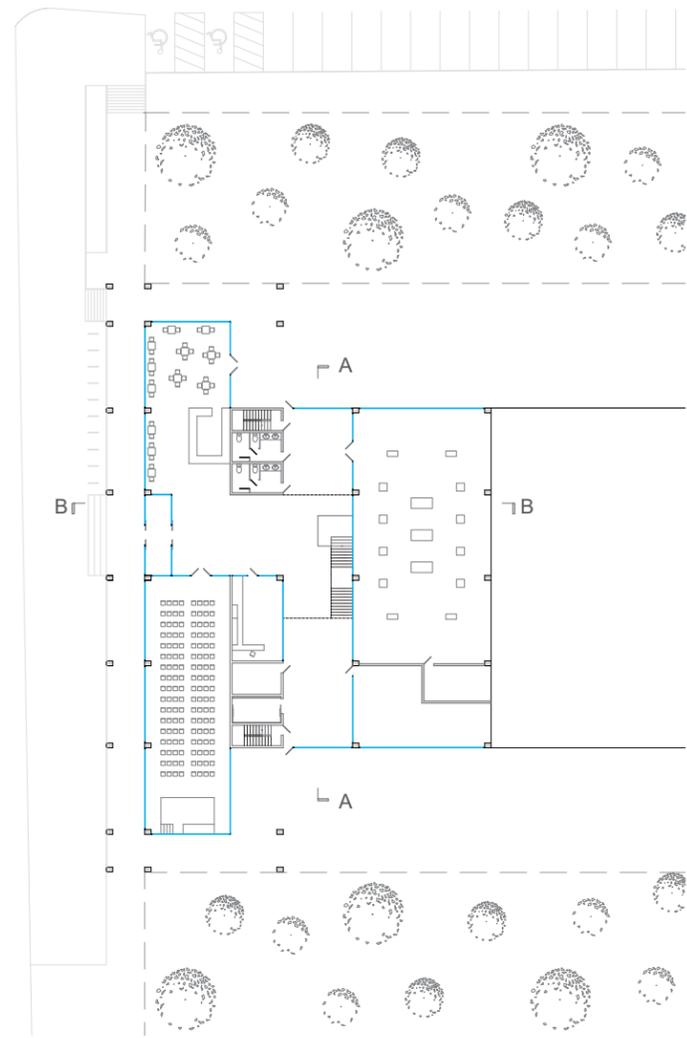
Existing Site - April 2016



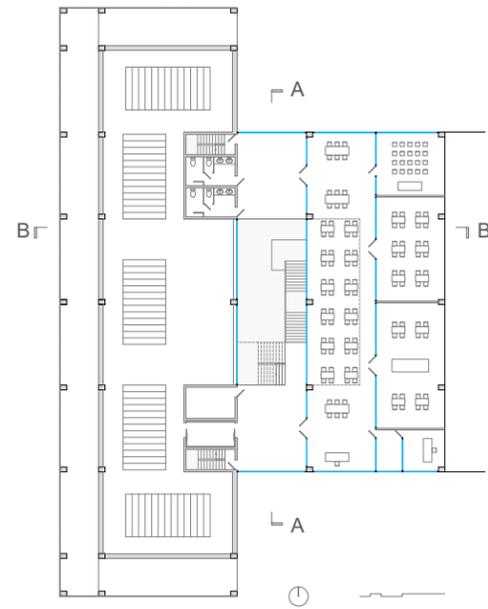
Site Plan with Rare Books Library Addition



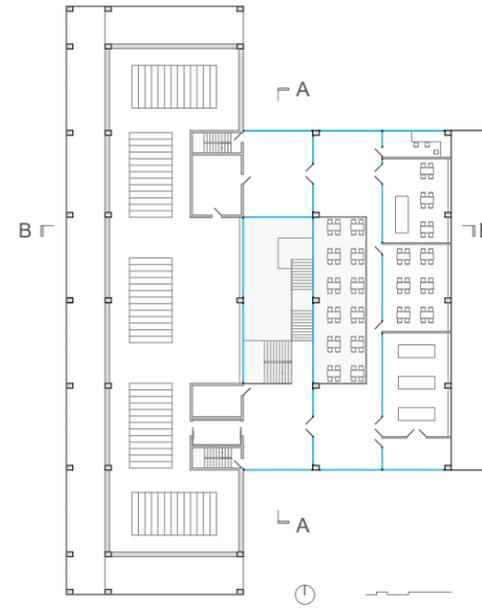
Site Plan with Proposed Library Complex Massing



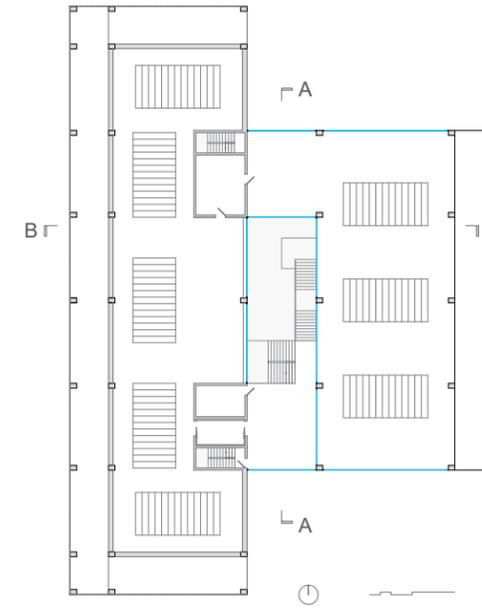
Ground Floor Plan



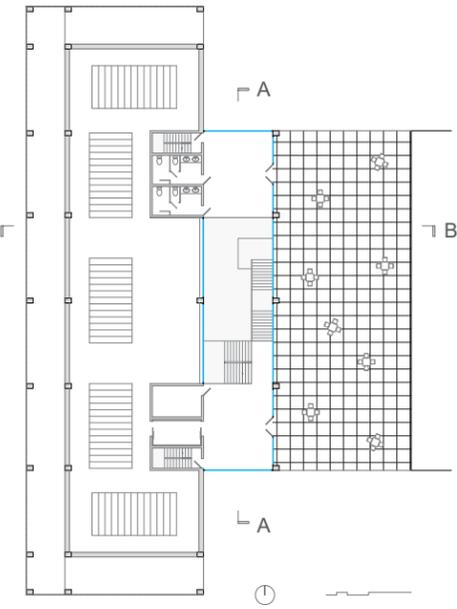
Second Floor Plan



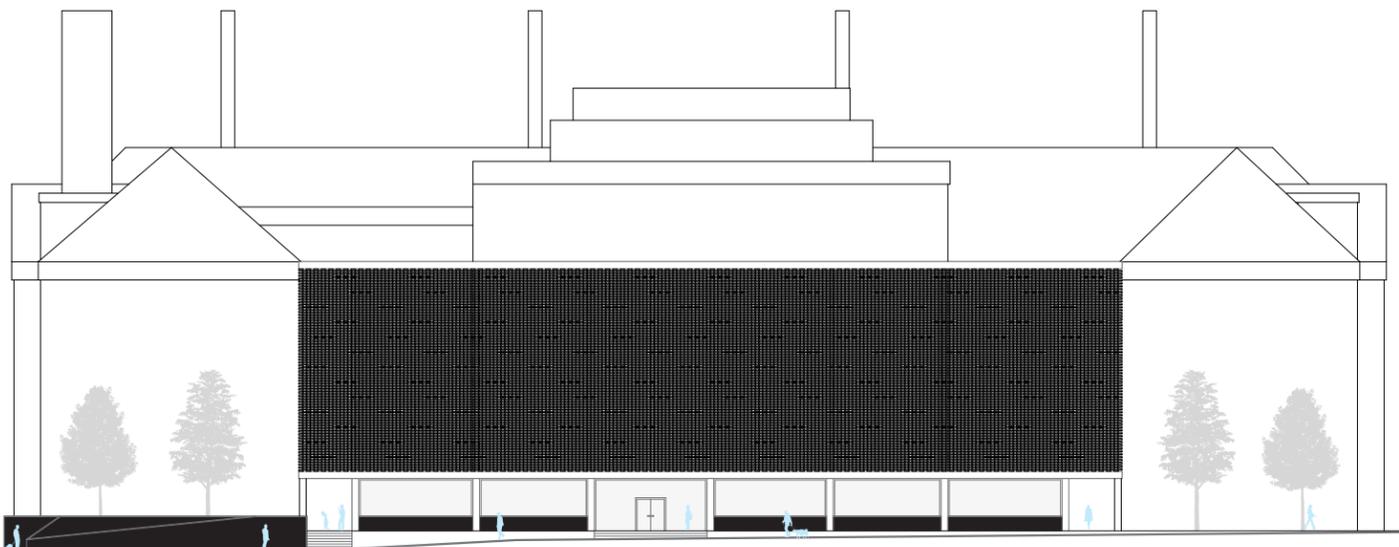
Third Floor Plan



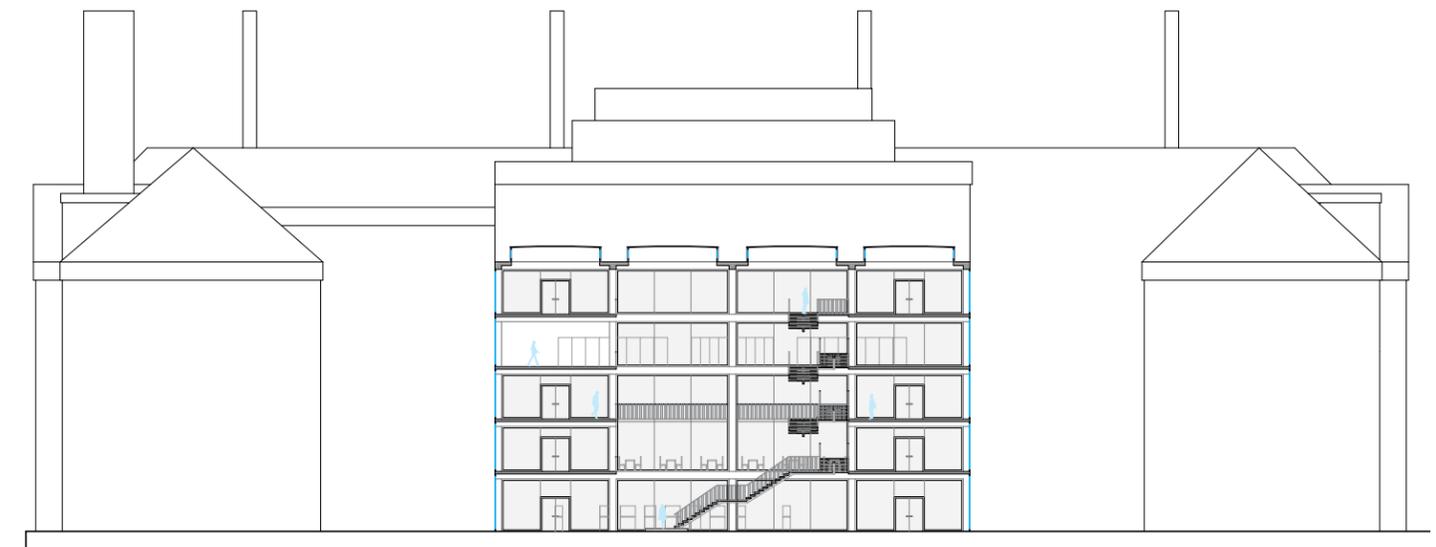
Fourth Floor Plan



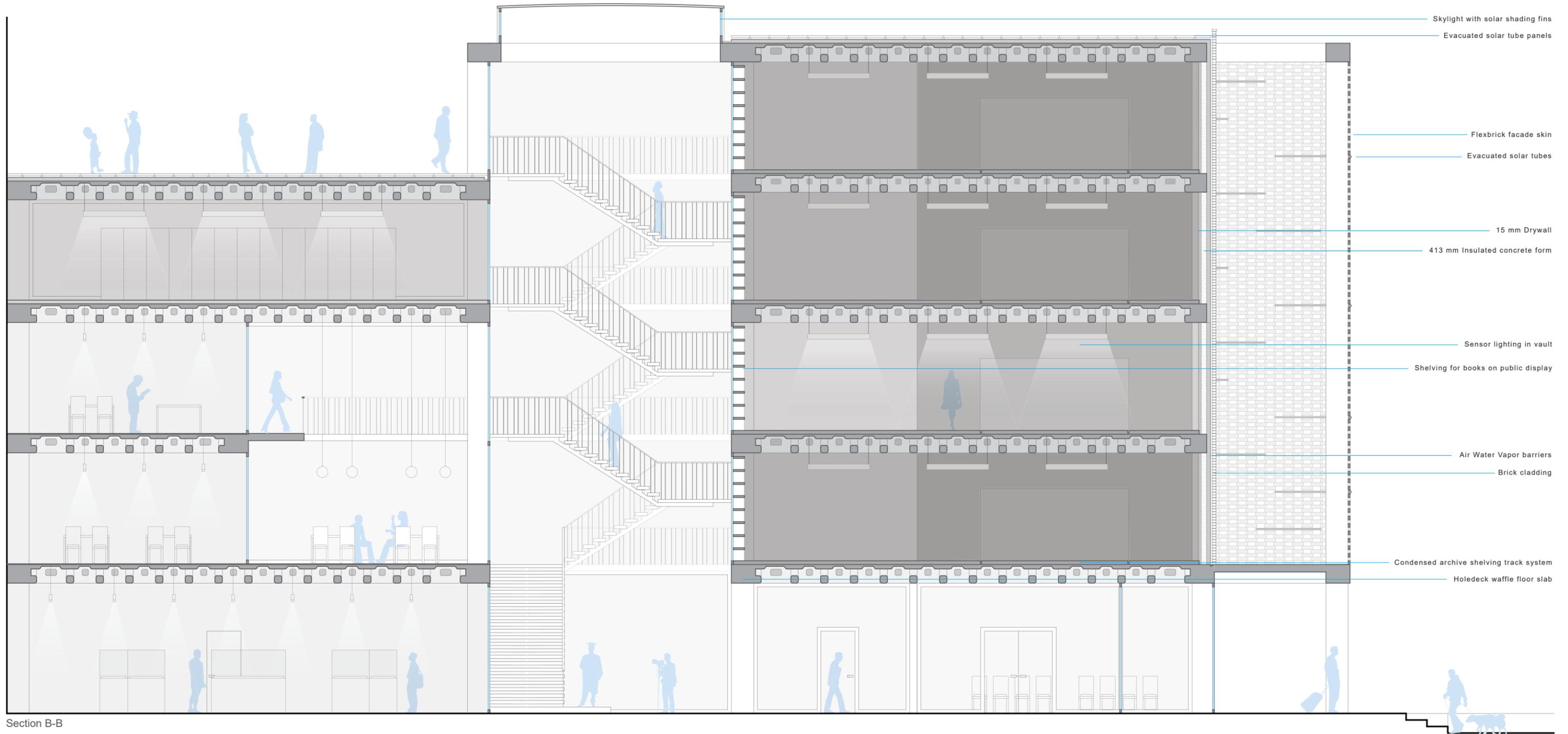
Fifth Floor Plan



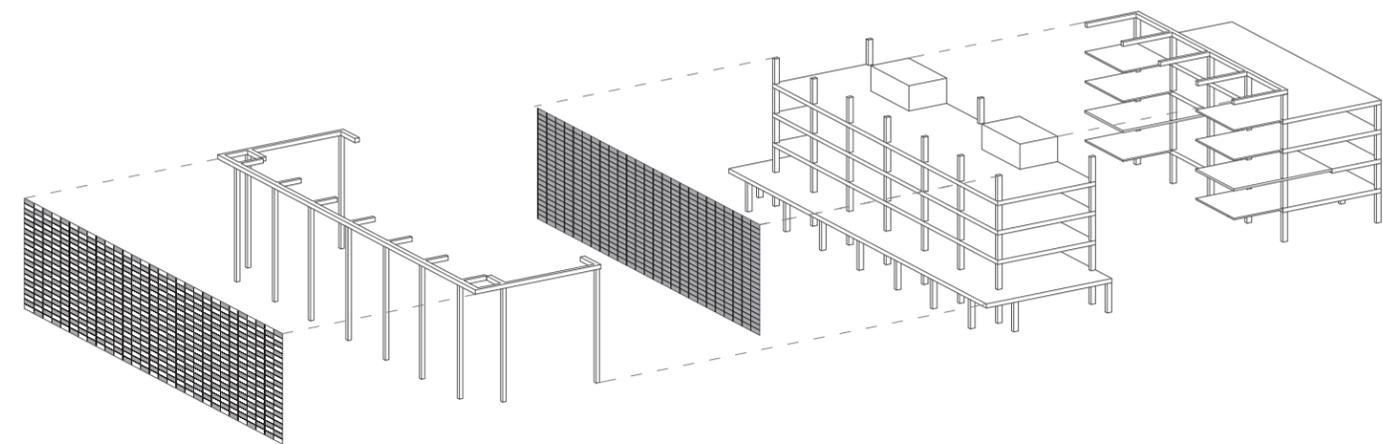
Library Street Elevation



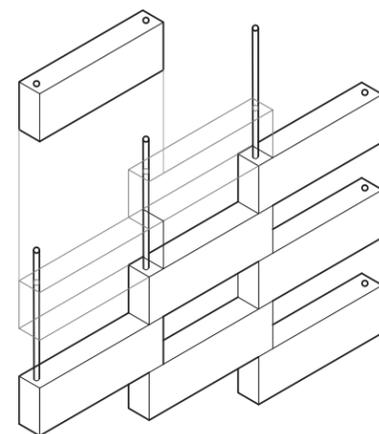
Section A-A



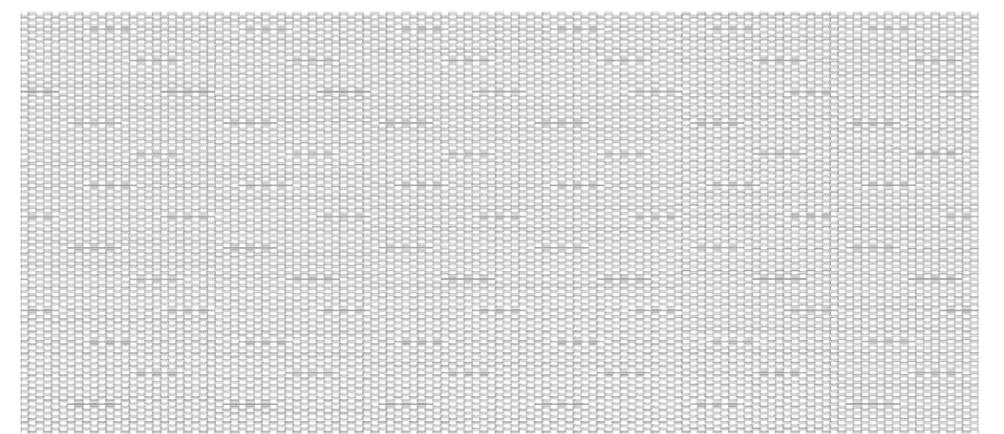
Section B-B



Library Structural Diagram



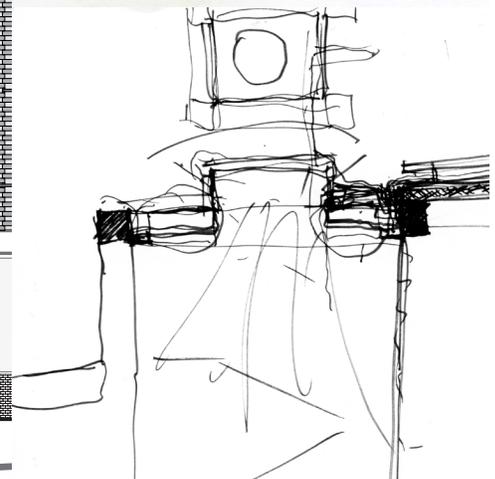
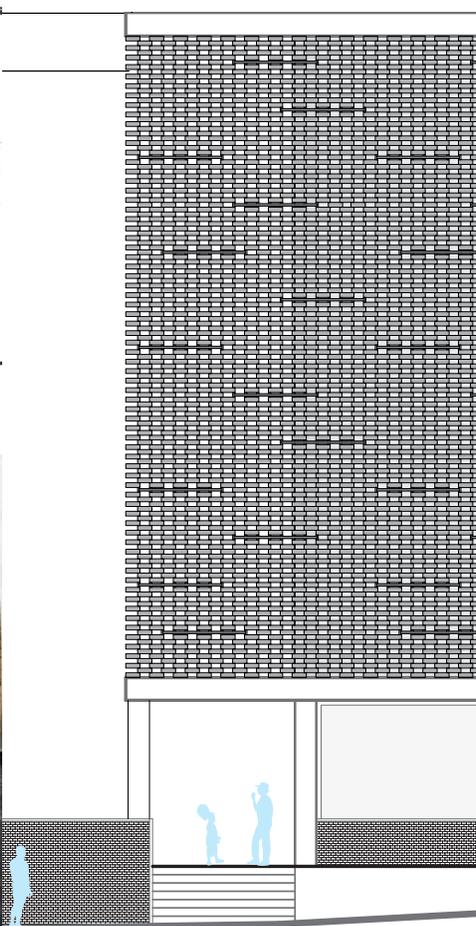
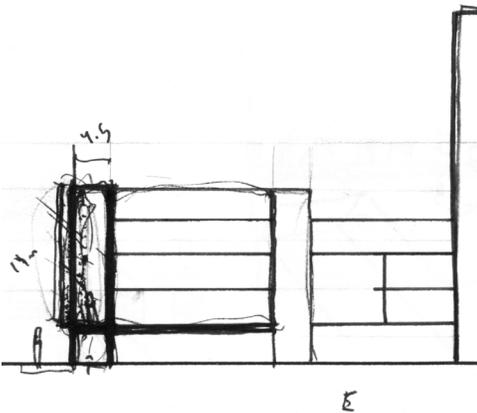
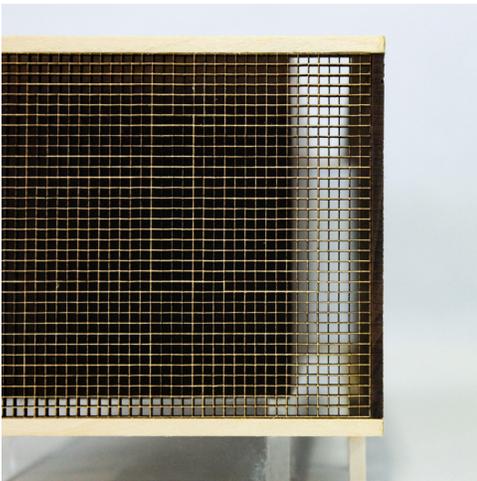
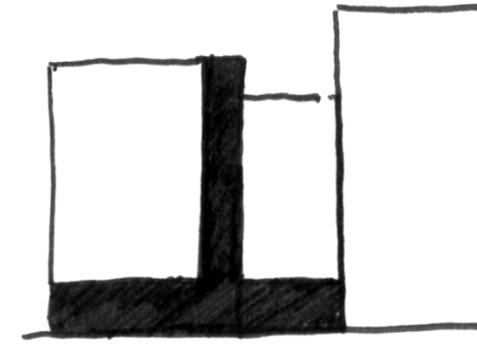
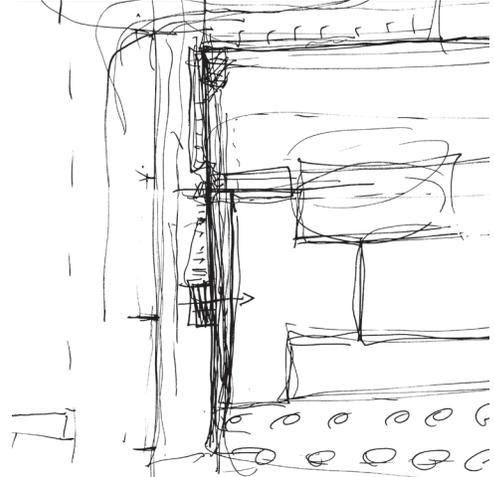
Library Facade Construction Diagram



Library Facade Study Diagram

Review and critique of Rare books library extension at UIUC

This was the last studio project of my graduate studies. The approach was similar to the final project of my undergraduate studies while being structured to a looser degree. This project involved an existing client who we met on multiple occasions to receive feedback about our approaches to the expansion of the rare books library on campus. The project incorporated site analysis and external constraints, structural design, environmental facade studies, a detailed programmatic plan determined by client demands, and a personal desire for a refined design that would be situated in a context I was invested in its future. The project was a successful end to my graduate education and prepared me for future endeavors outside of my academic studies.



Process Sketches / Models

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