

DESIGN STUDIO IV

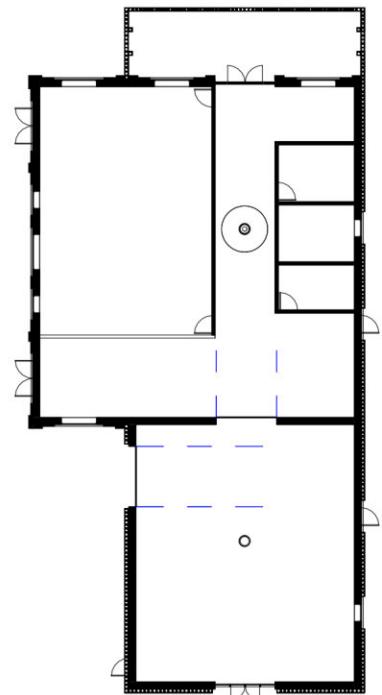
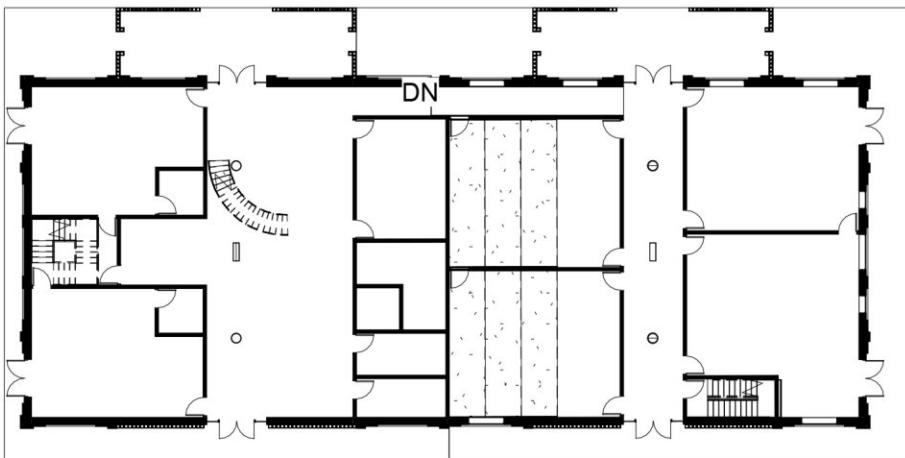
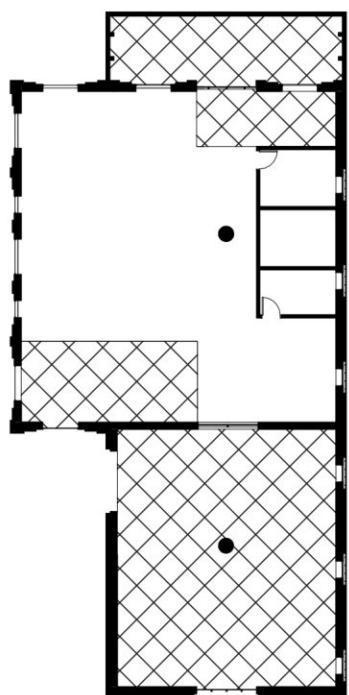
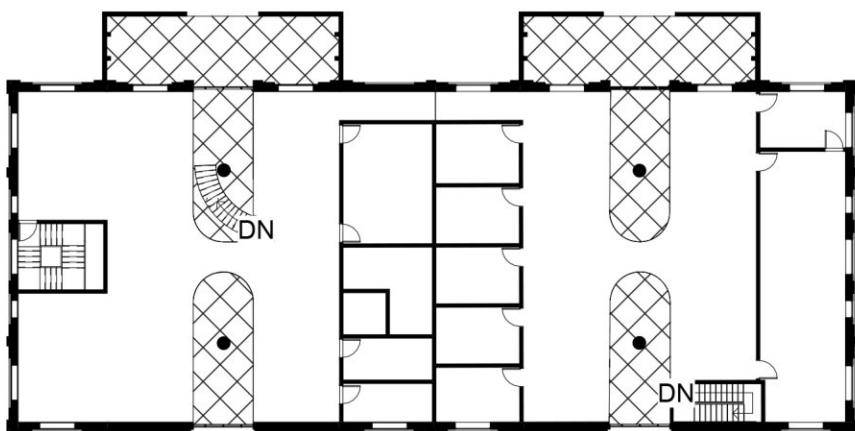
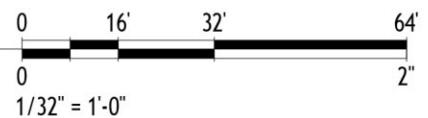
BUILDING SCIENCE INNOVATION CENTER



For Design Studio IV we were prompted with a case study to harness inspiration for a building science innovation center and a co-operative office space. The site is in Boone NC on the corner of Howard Street and Water Street. Boone Creek flows through the southern side of the site which is currently a parking lot. My case study was on Frank Lloyd Wright's Johnson Wax Building. From that case study came a broader understanding of connecting spaces and specialized work spaces. The main aspects of the case study that I implemented into this project was the mezzanines and lily pad columns.

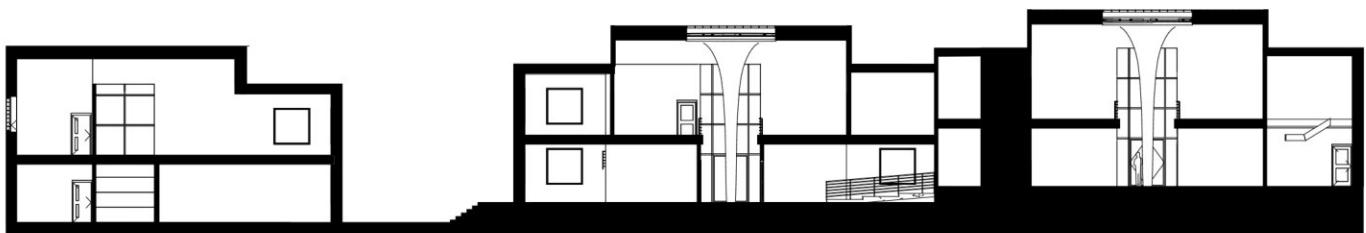
This project has advanced my understanding of architectural design as well as making an idea into something feasible and presentable.



**LEVEL 1** $1/32'' = 1'-0''$ **LEVEL 2** $1/32'' = 1'-0''$

m

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FULL SECTION

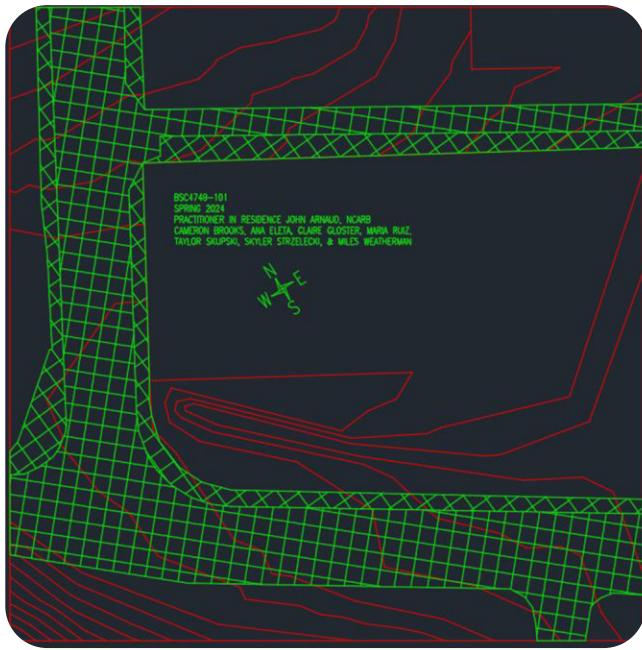
1/32" = 1'-0"

0 16' 32' 64'

0 2"

1/32" = 1'-0"





*The scale model is made of foam board, chip board, cork,, and wire.
As a group we created the site model base. However, I took the lead
and create a CAD file to laser cut layers of cork board that were then
stacked together to create the topography of the site for our scale models
to fit into the form. Please ask for a demonstration of how I prepped the
laser cutting CAD files.*