

UNDERGRADUATE  
BODY OF WORK | 2014

EDRIC JAZMIN

# C+O CANAL VISITOR CENTER

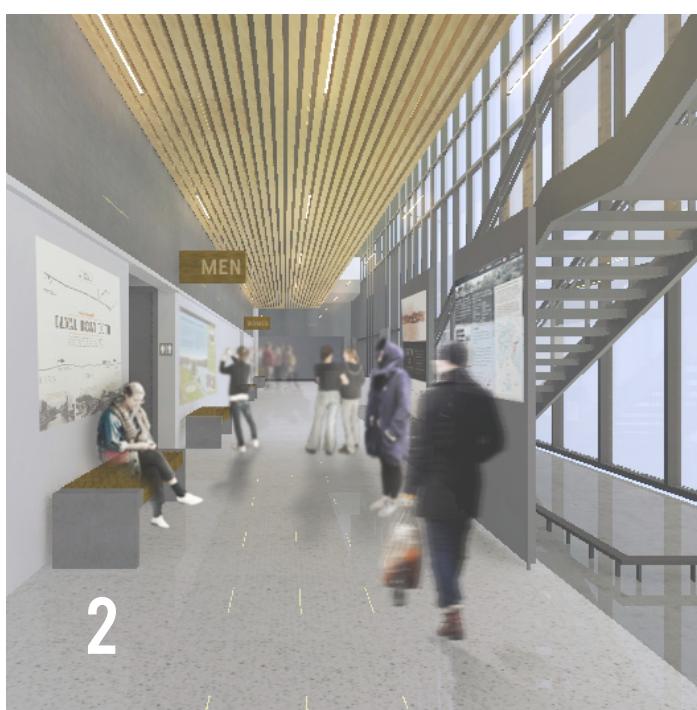
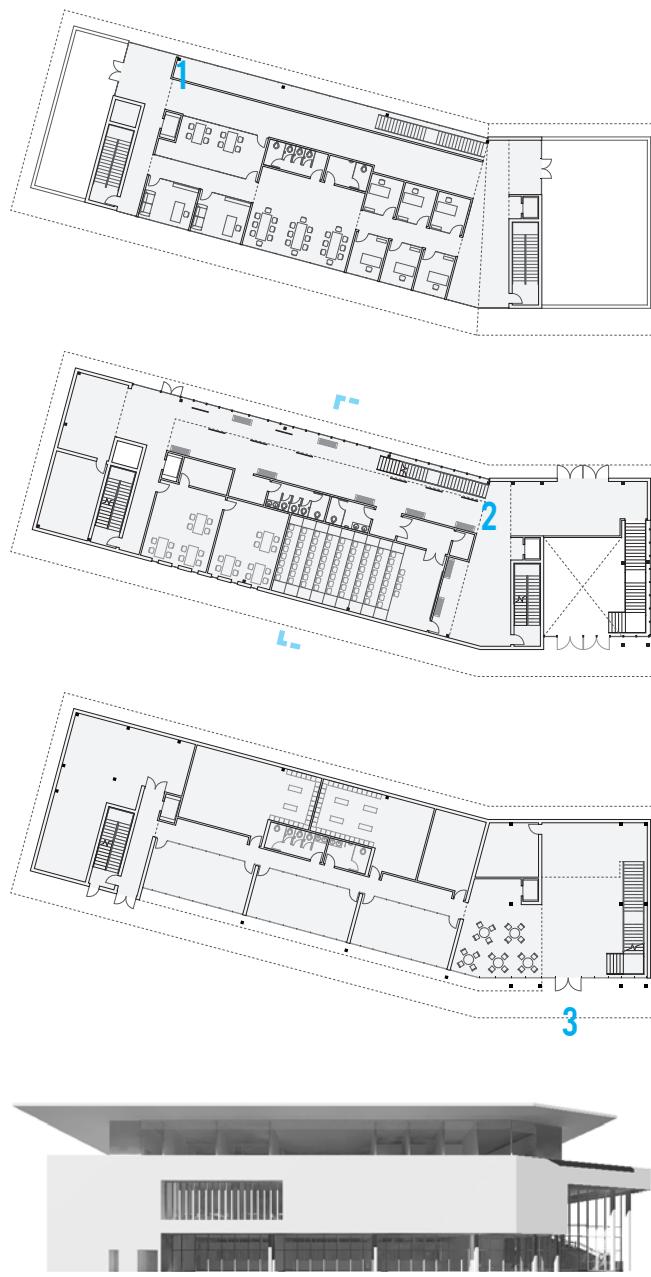
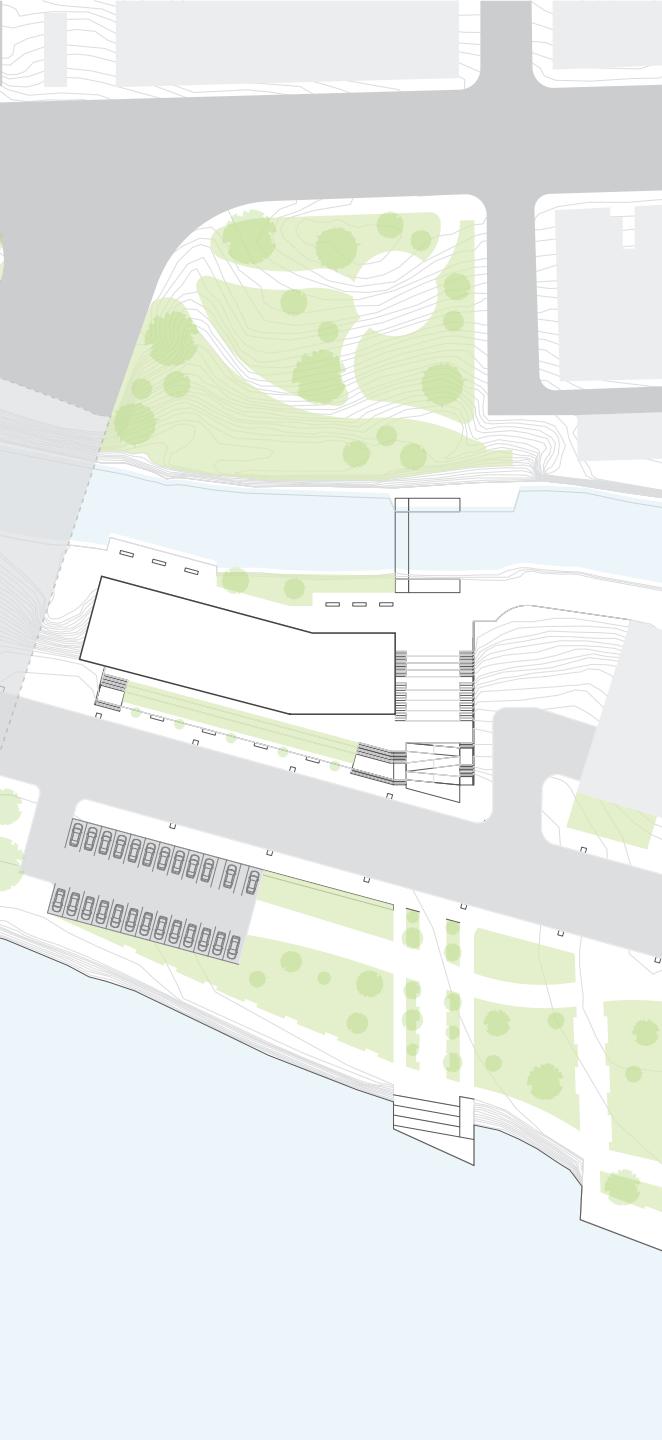
FINAL CAPSTONE PROJECT  
PROFESSOR PAT RAND  
RALEIGH, NC | SPRING 2014  
INDIVIDUAL PROJECT

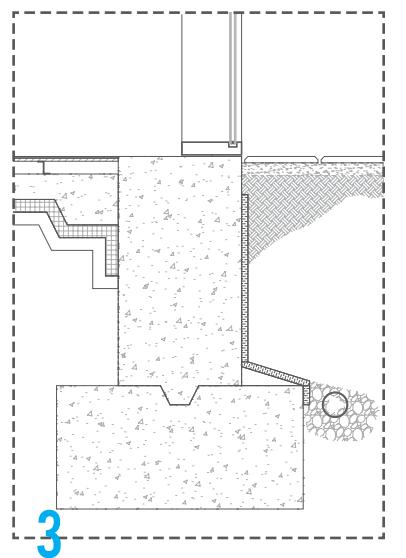
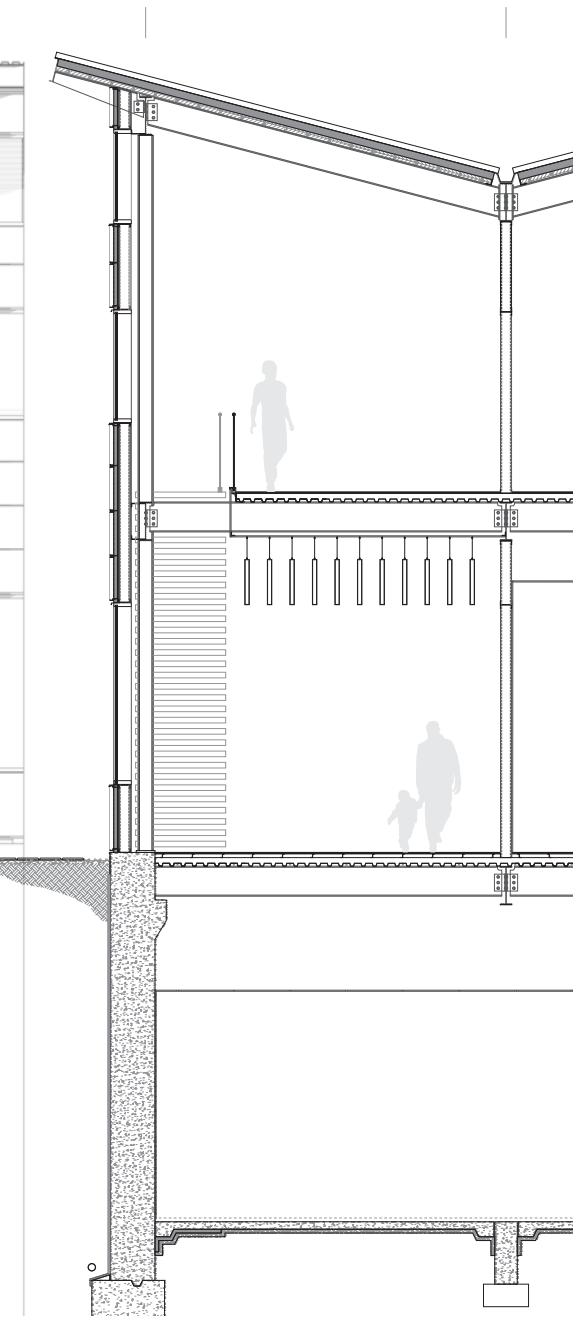
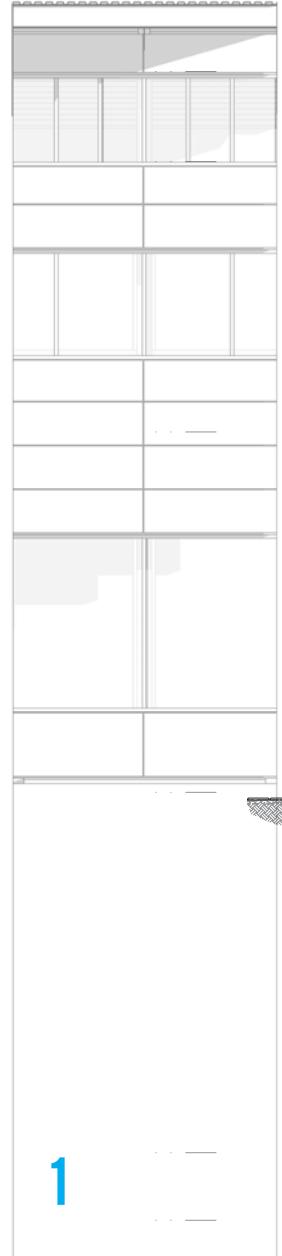
The Chesapeake & Ohio Canal was initially a waterway constructed in 1828. It was to **connect man and nature**, connecting the country to city, as well as being a vital commercial route.

The new visitor center will act as an extension of the surrounding parks, welcoming in people along the canal and the waterfront park. The center also acts as a **threshold** from the Potomac River to the main street in Georgetown.

As a supplement and a connection to the larger area, a wellness center offers opportunities for both local residents and visitors to experience a more active lifestyle along the **waterfront**.







# PEACE STREET CORRIDOR

LANDSCAPE ARCHITECTURAL STUDIO  
PROFESSOR CARLA DELCAMBRE  
RALEIGH, NC | SPRING 2013  
INDIVIDUAL PROJECT

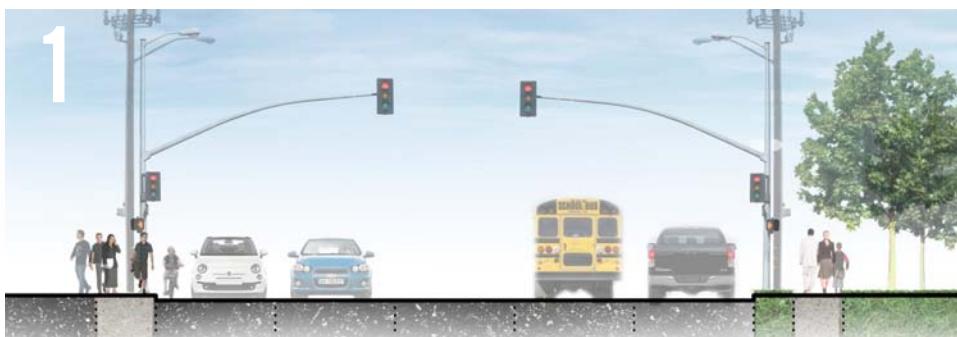
Peace Street has historically been a connector running east to west in the downtown of Raleigh. Today, it lacks an **identity** and sense of place that highlights its variety of users and its distinguished places.

The transformation of the corridor begins with promoting a **means of accessibility** for all users, carrying out means of **healthy living**, and providing safer and **sustainable** means to access the corridor.

Introducing **micro parks** will be implemented throughout the corridor based on the needs of the immediate site and density of users.

Some parks will be densely vegetated with trees and planting, while others may provide an open area for sitting, **play**, and **refuge**.





# HOME IN THE CITY

ARCHITECTURAL URBAN STUDIO

PROFESSOR TOM BARRIE

RALEIGH, NC | FALL 2012

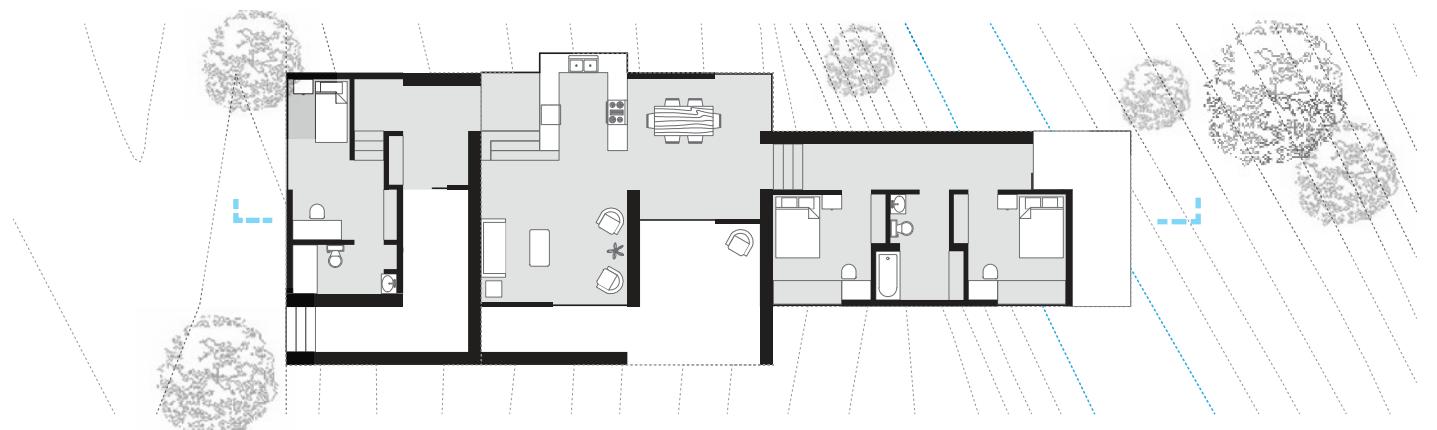
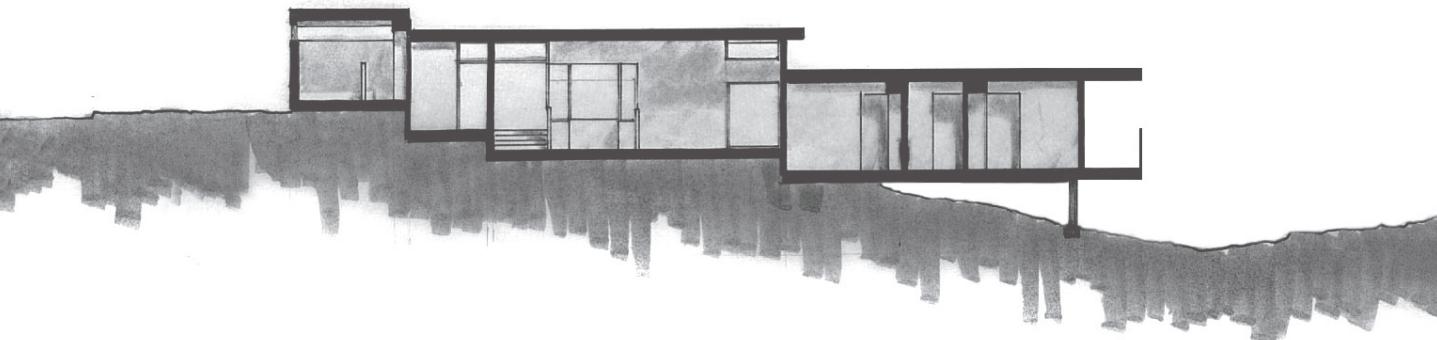
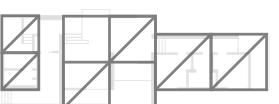
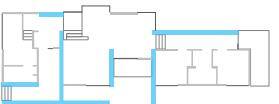
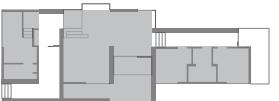
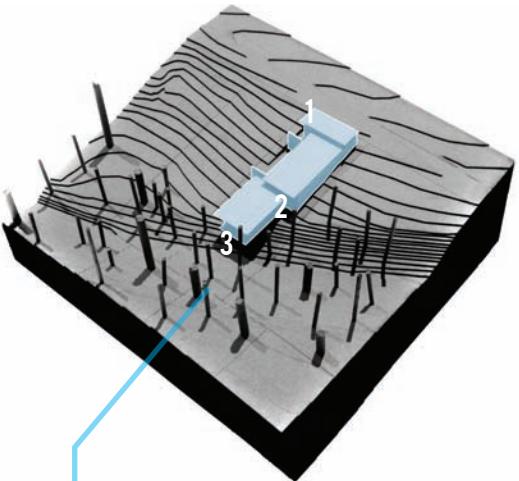
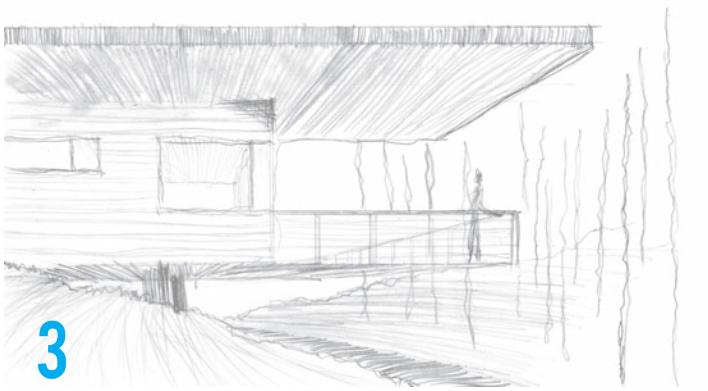
INDIVIDUAL PROJECT

The study of the house provided a basis of phenomenology, bringing certain issues to the forefront, such as transitional spaces and a [courtyard typology](#).

Bordering over a creek downhill, the house is set overlooking the creek, looking away from the city and into a wall of trees. The form creates a [refuge](#) from the bustling street and neighboring houses.

The focus of the house is [shared spaces](#). The main area allows the family to interact with each other on a daily basis. Intended for an extended family, a guest bedroom is detached from the sleeping quarters where a family member may eventually move in.





# EXPLORIS MIDDLE SCHOOL

ARCHITECTURAL INTERMEDIATE STUDIO

PROFESSOR TIM MARTIN

RALEIGH, NC | FALL 2011

PARTNER: TAYLOR SMITH

Through holding the **urban edge** of the site, the rhythm of downtown goes uninterrupted and allows for a **private courtyard** space to be utilized for outdoor activities. Holding the urban edge is the two main masses of the scheme, one primarily public the other private.

A bridge connects these two masses with the intersection of the two components at **vertical atrium** spaces located on the North and South edges of the site.

With subtle zones of public and private one knows how to navigate the building without needing guidance. **Transparent materials** are used to open up the large spaces in multiple configurations.





# COLLEGE OF DESIGN EXPANSION

ARCHITECTURAL TECHNOLOGY STUDIO

PROFESSOR JIANXIN HU

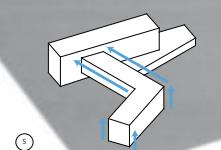
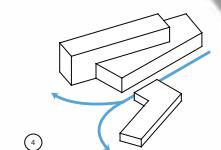
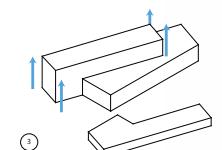
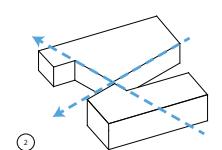
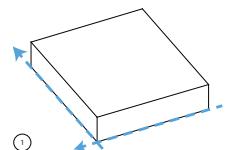
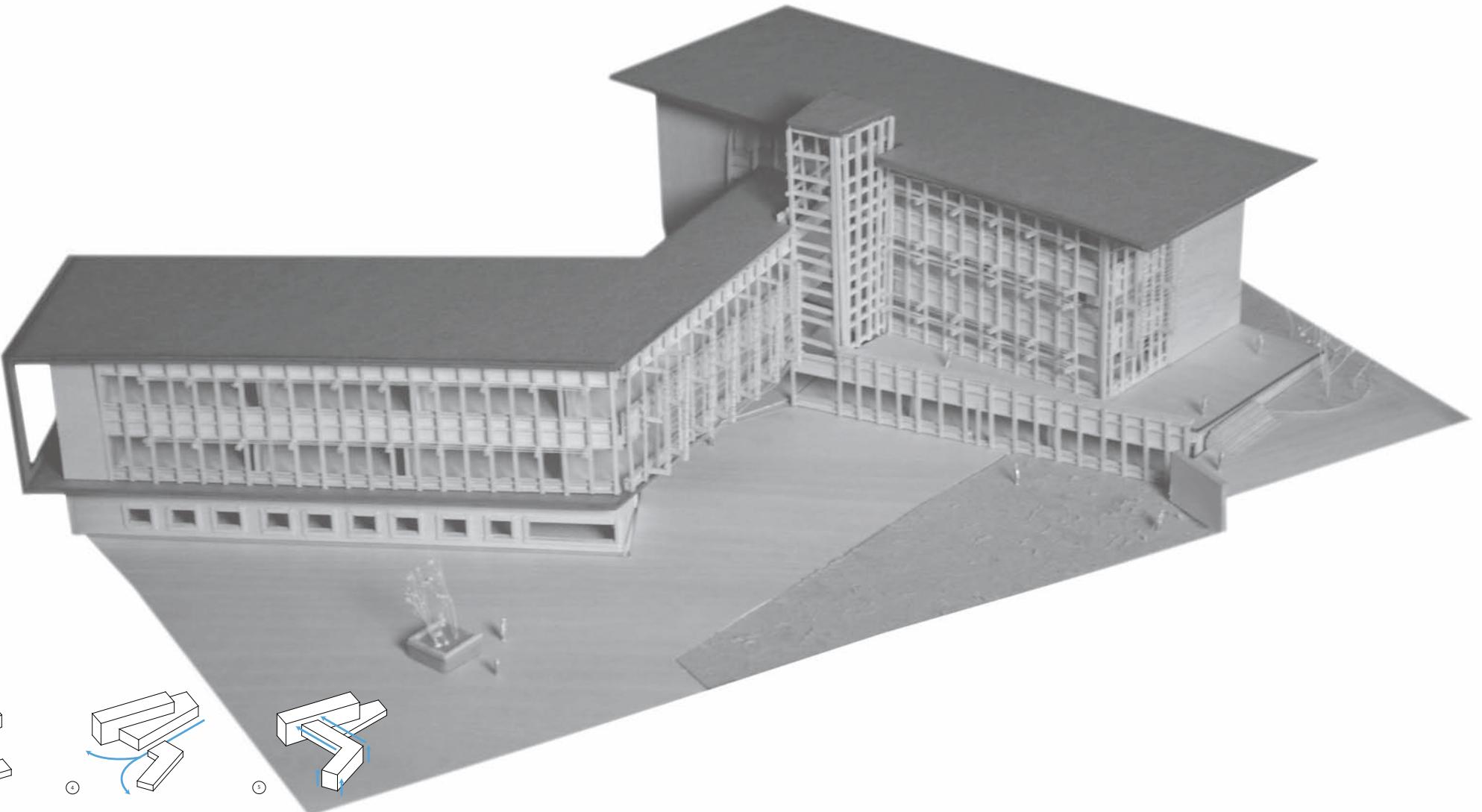
RALEIGH, NC | SPRING 2012

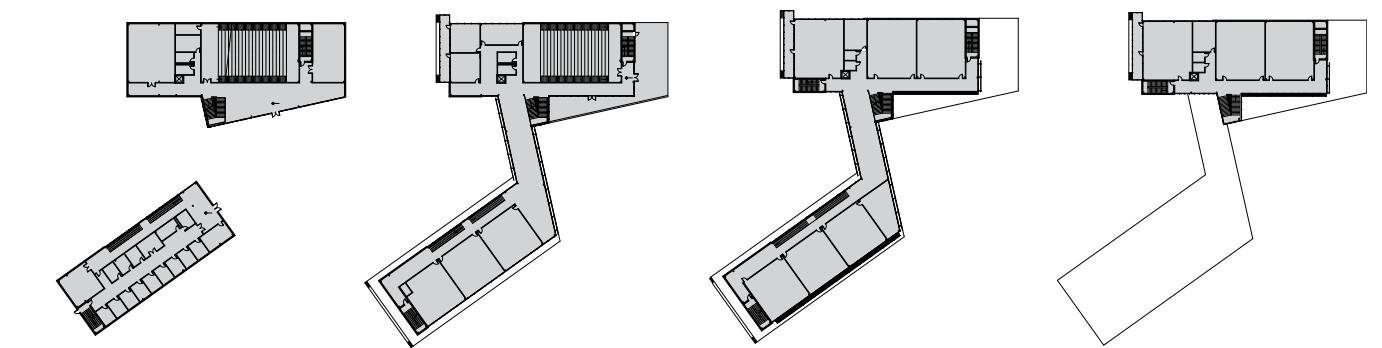
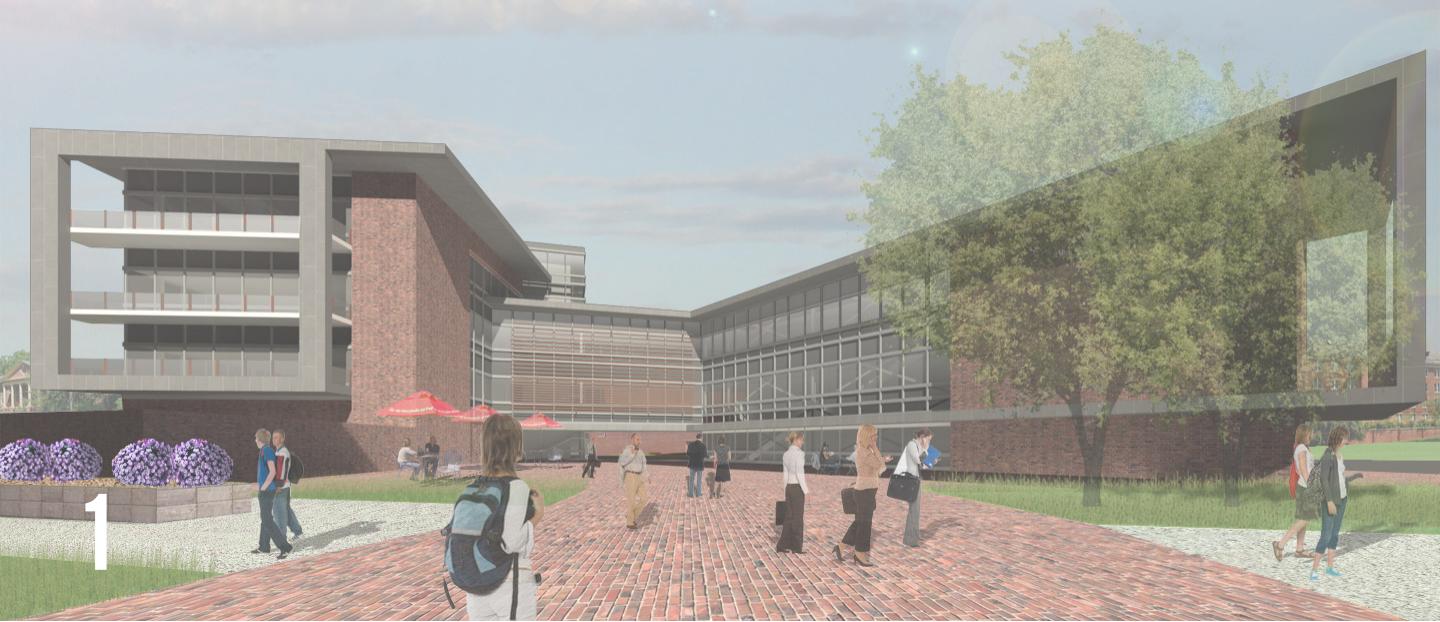
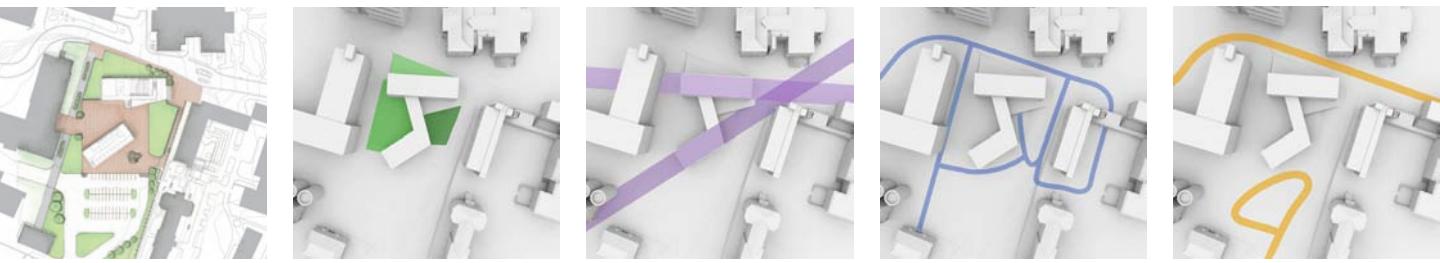
PARTNER: KIM JOHNSON + TAYLOR SMITH

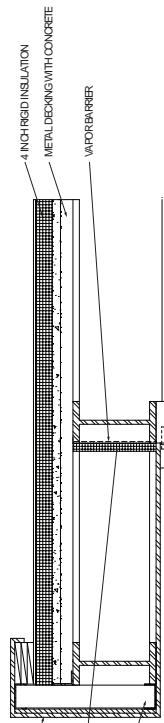
The school expansion serves to connect the existing College of Design with the surrounding university in its entirety.

A focus was made on the **public realm** by providing diverse settings for people to enter, walk through, and leave the area.

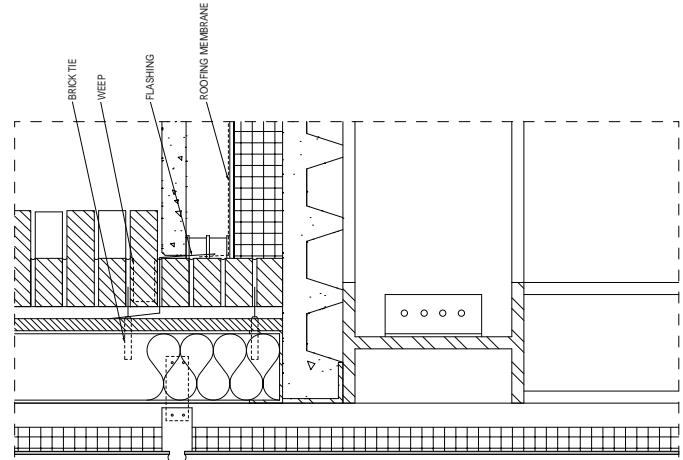
Through research and analysis, the design is based on the image of two arms spreading out from one pivotal point. The expansion serves to act as a **gateway** into the design campus.



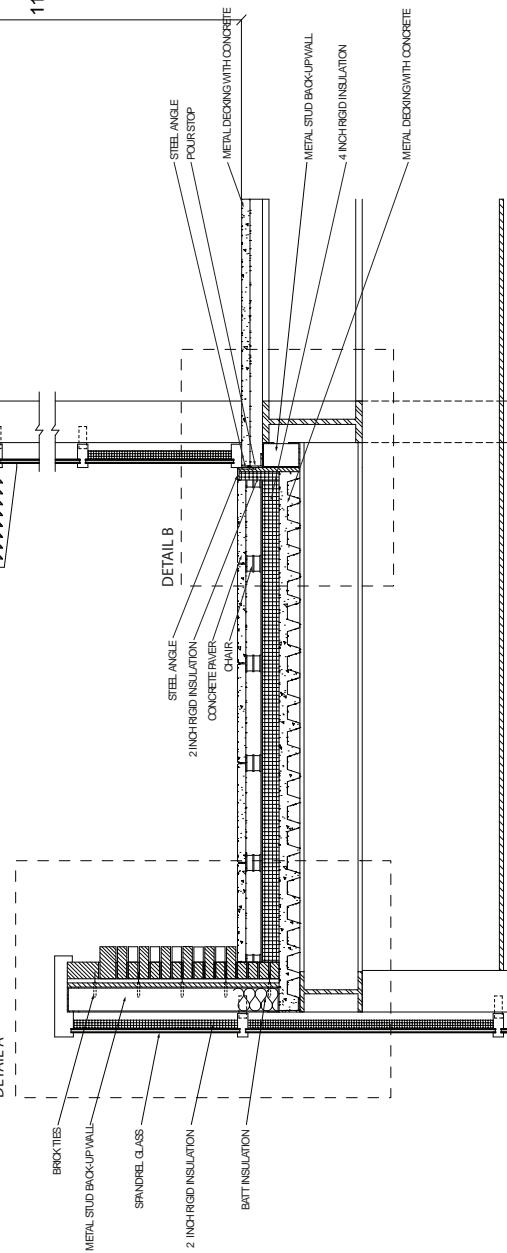
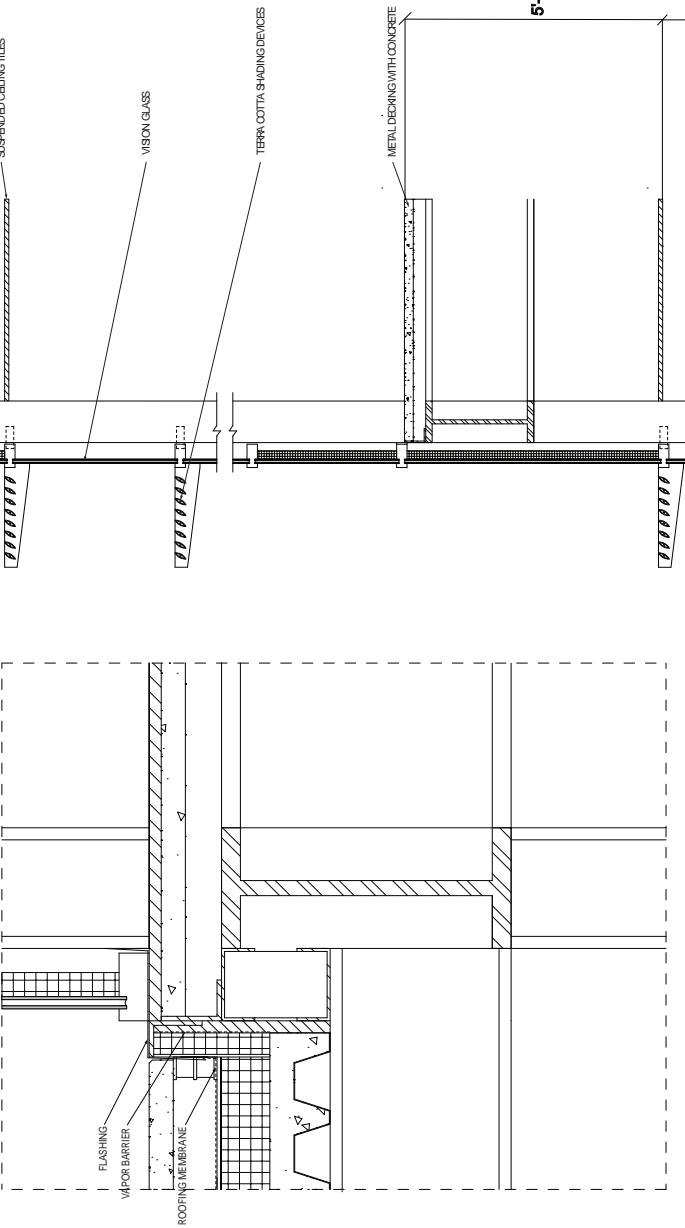




DETAIL A

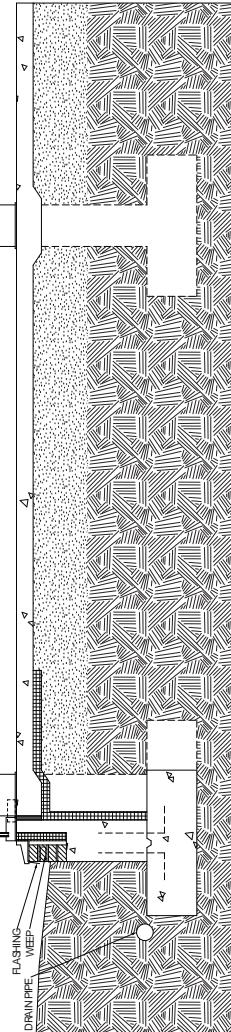


DETAIL B



DETAIL A

11'



5'-6"

DETAIL B

4'

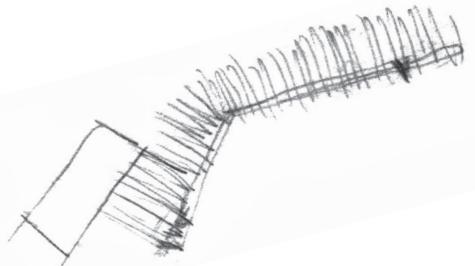
# NCMA PERFORMING ARTS CENTER

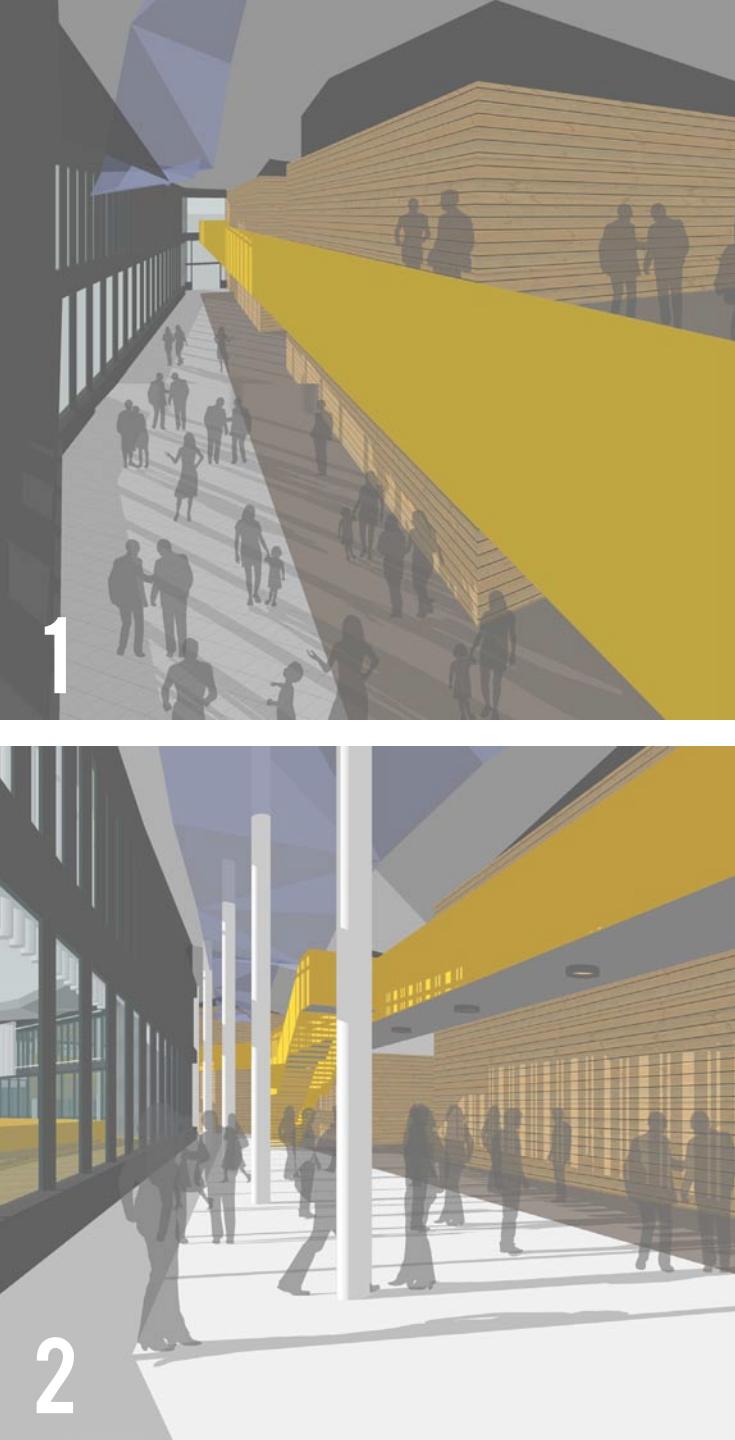
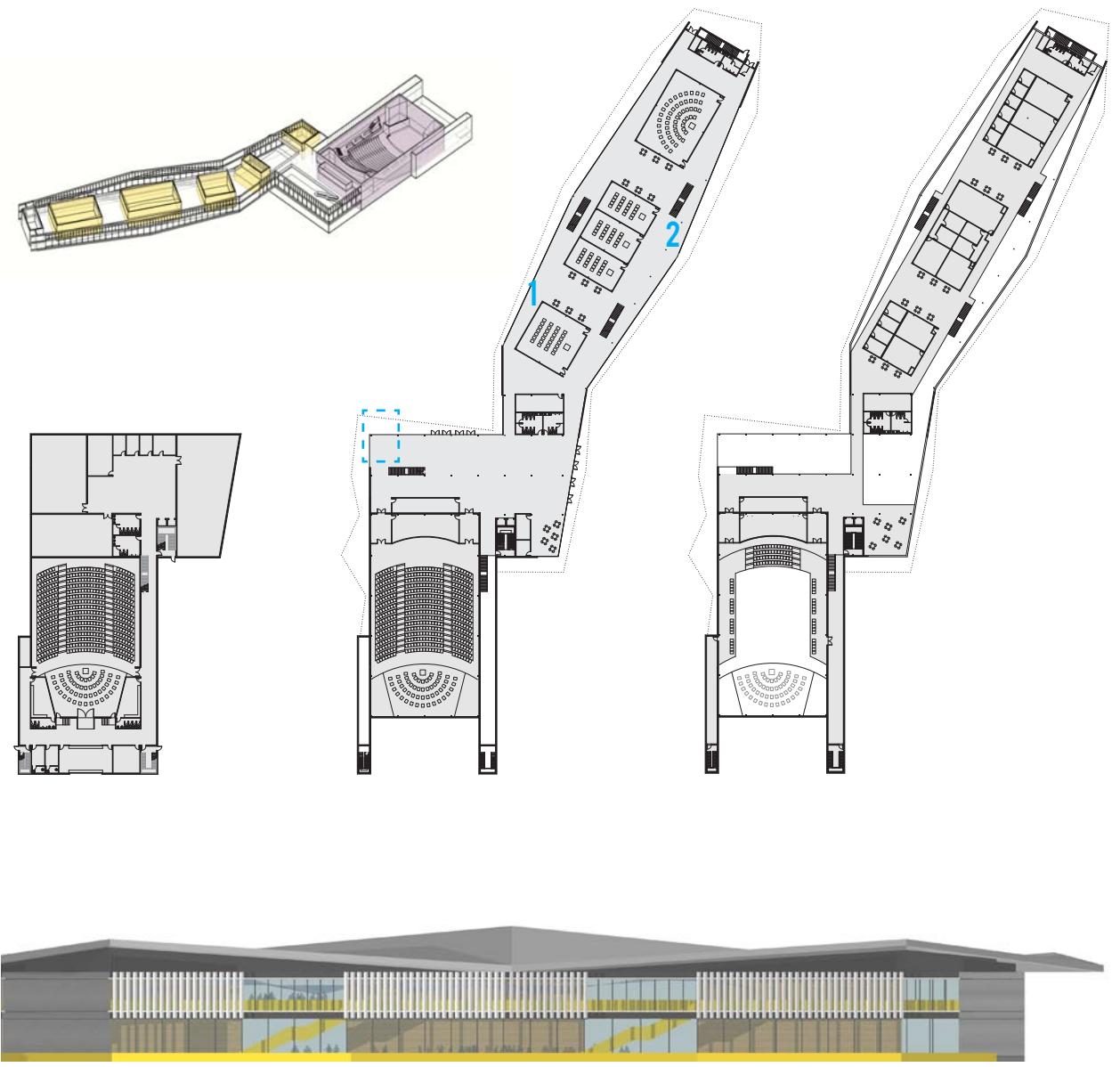
ARCHITECTURAL COMPREHENSIVE STUDIO  
PROFESSOR DAVID HILL  
RALEIGH, NC | FALL 2013  
INDIVIDUAL PROJECT

Resting on top of a gentle ridge, the new addition to the NCMA campus brings **art into motion** as it provides several galleries with an emphasis on music.

Following the **valleys and folds** of the landscape, the performing arts center intends to act as one with the existing sculpture park.

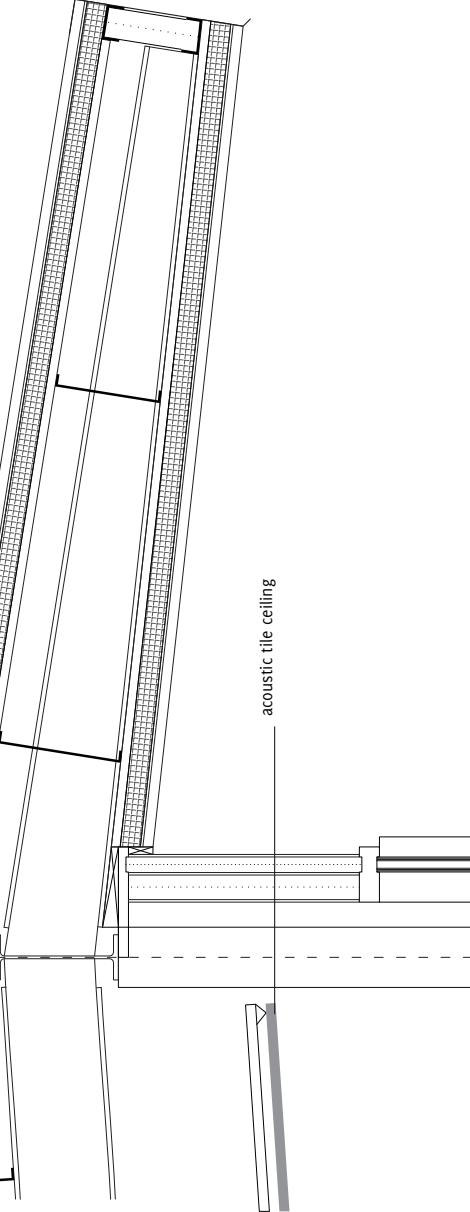
The roof imitates the curvature of the land as well as **pulling and pushing** the form to create a more fluid progression throughout the building. While the roof mimics the bends of the earth, it also provides shelter from above while maintaining an **unbroken vista** out onto the site.





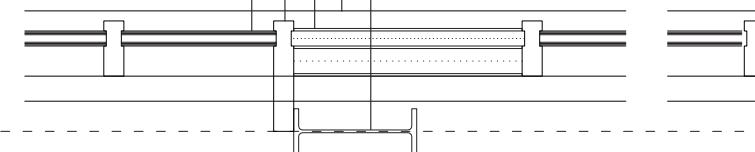
C

metal ridge cap  
standing seam joint  
metal sheet  
4" rigid insulation  
steel decking  
4" metal studs  
metal rafter



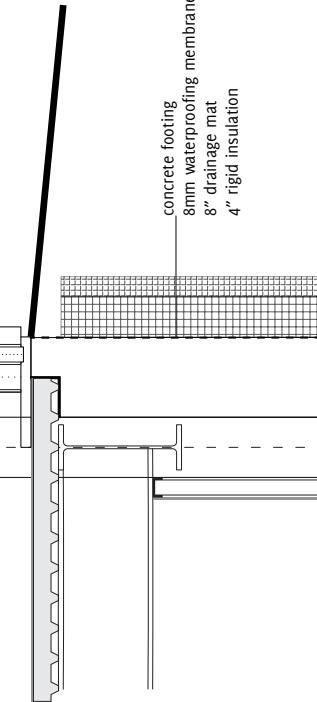
SECOND FLOOR = 16'-0"

double glazing  
extended aluminum transom  
metal-faced panel with insulation  
aluminum mullions  
steel column



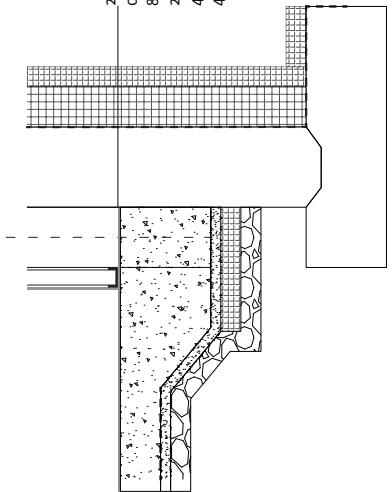
FIRST FLOOR = 0'-0"

concrete footing  
8mm waterproofing membrane  
8" drainage mat  
4" rigid insulation



BASEMENT FLOOR = -16'-0"

2" terrazzo finish floor  
concrete slab on grade  
8mm waterproofing membrane  
2" mud slab  
4" rigid insulation  
4" coarse gravel



## CONTACT

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