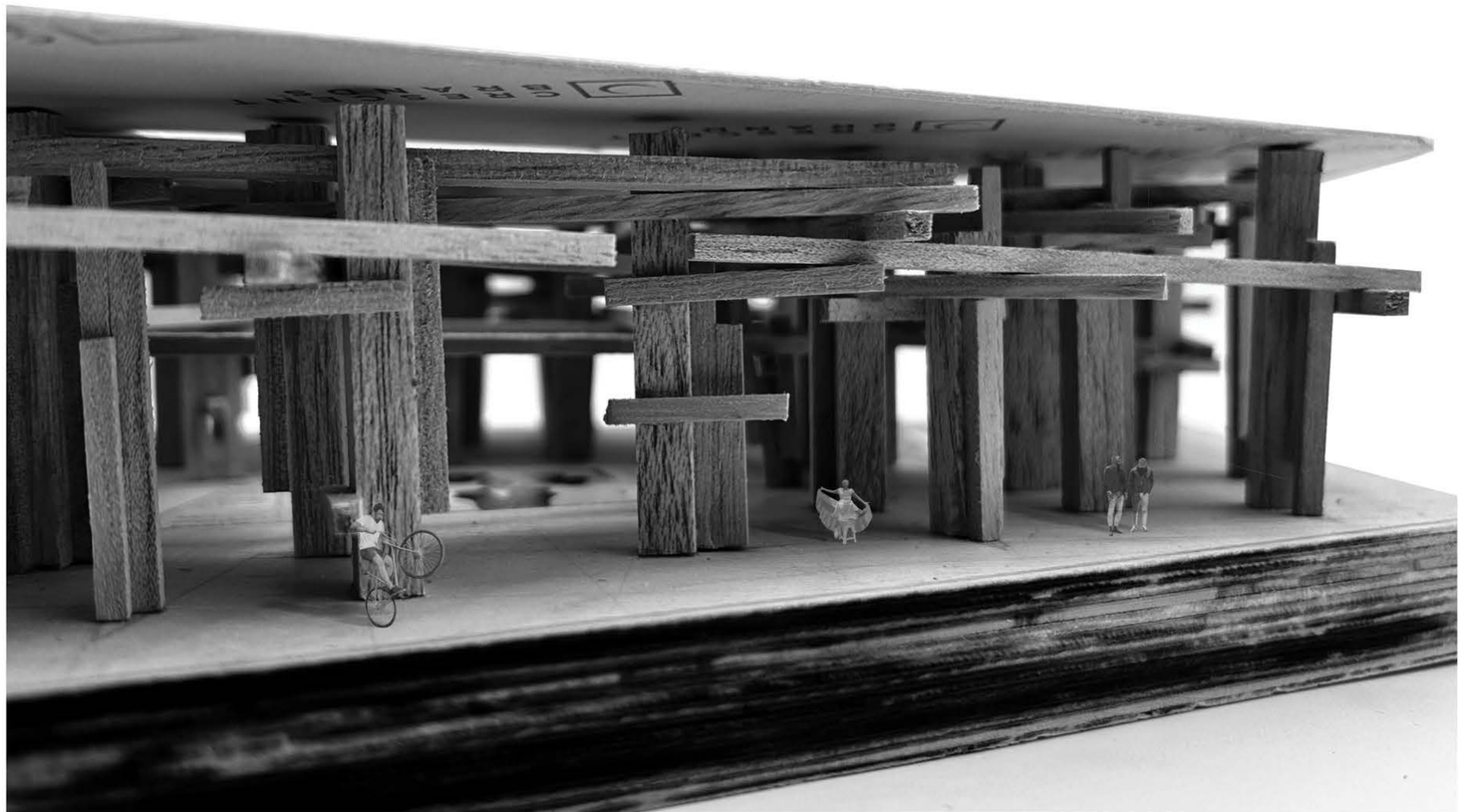
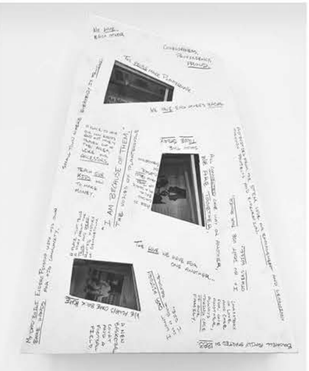
FILLING THE VOIDS

Plantersville, South Carolina

ARCH 3510 | Prof. Rayshad Dorsey | Spring 2024

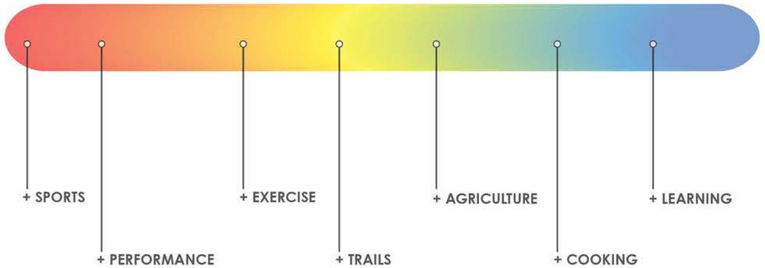
Designed for the Plantersville community with the goal of enriching relationships and inspiring the community. Formally, the architecture is bound by the Grid created by repeating the lines of the site boundaries, this allows for the architecture to intersect at certain points in order to create intersectional spaces for community gathering. These spaces are voids within the architecture allowing for ultimate flexibility for this small community. The architecture resembles shed construction and historic slave quarters in form and materiality. While experiencing the site, you follow a weaving path through the Grid as you follow the journey like an African American child.

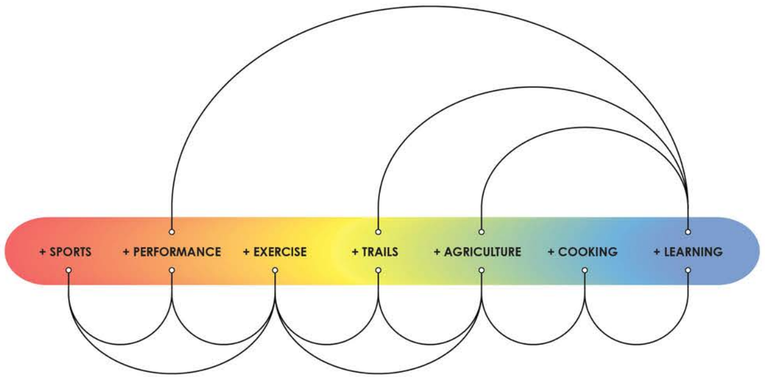




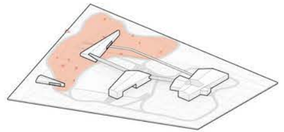
Provacative conceptual model to understand the community **connections**, gullah geechee **history**, but there is still a **void** between youth and elderly despite the Plantersville community being so tightly knit.

First organize **recreational** program by **rigor** in order to adjust for different **generations**.



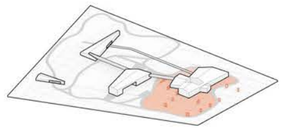


Then we **connect** adjacent program in order to **connect** multiple **generations**.



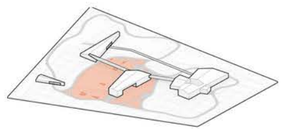
+ THE VILLAGE

In Gullah Geechee and West African culture, young children begin their lives at home, in the Village.



+ THE FOREST

The children are then sent far away into the Forest to learn and grow for their own sake.

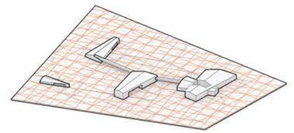


+ THE RETURN HOME

Eventually, those children become adults after their time in the Forest, so they return to nurture the Village

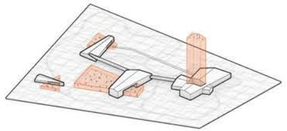
+ THE JOURNEY

+ Coming of Age of young African Americans



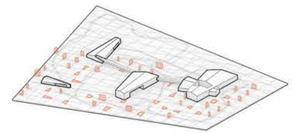
+ THE GRID

The Grid was created by repeating the angles of the site boundaries over and over in order to organize form and program.



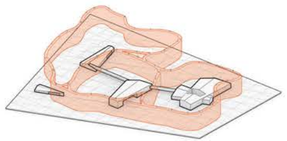
+ EXTRUSION OF THE VOID

Voids are extruded in order to emphasize the communion between generations. Where voids are is where community gathers.



+ FAMILY STONES

These stones are for families of the community to place the names of their ancestors in remembrance.



+ WEAVING THROUGH THE GRID

The whole site is ruled by a grid based on site boundaries. In order to experience the site, you must break free and weave through it.

+ SITE COMPONENTS

+ Steps taken to ensure the procession of **The Journey.**

+ COMMUNITY GARDENS
BIKE BARN +
+ THE VILLAGE
OPEN FIELD +
+ PEDESTRIAN BRIDGE
THE RETURN +
+ BOARDWALK
WEAVING PATH +
+ THE FOREST
FAMILY STONES +
EXODUS DRIVE
US HWY 701

+ THE BEGINNING

+ THE VILLAGE

+ THE RETURN HOME

+ THE FOREST

+ Pedestrian bridges to facilitate the journey throughout the site.

+ Structurally, each building mimics traditional agricultral shed construction, mass timber built with corrugated tin cladding and corrugated polycarbonate sheathing.

+ Rice field to emphasize cultivation and relearning history through growth.

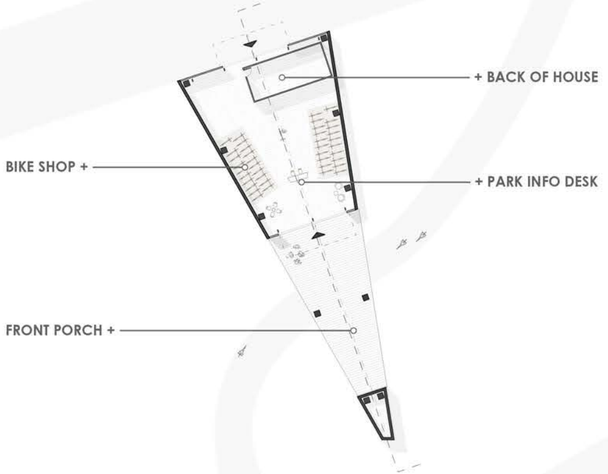
+ Manicured grass field to encourage play and congregation.

+ Forest grown on site to symbolize the mystery, cloudiness, and trial ahead.

+ THE BEGINNING

+ BIKE BARN

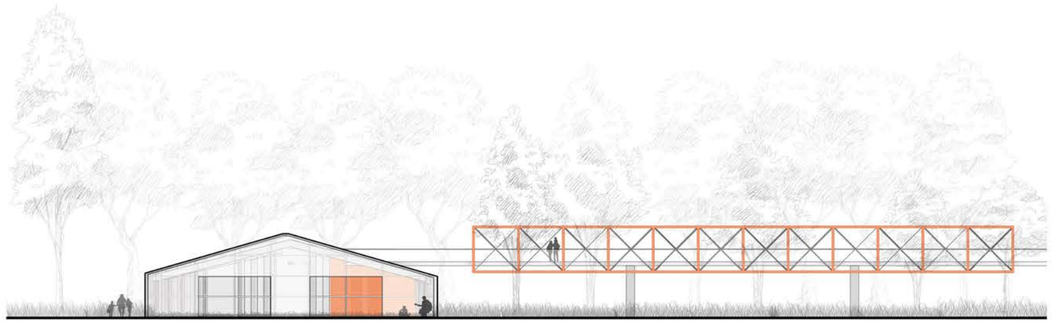
+ Bike Barn to encourage fluid movement throughout the site while referencing the Tour De Plantersville, a major cycling event.

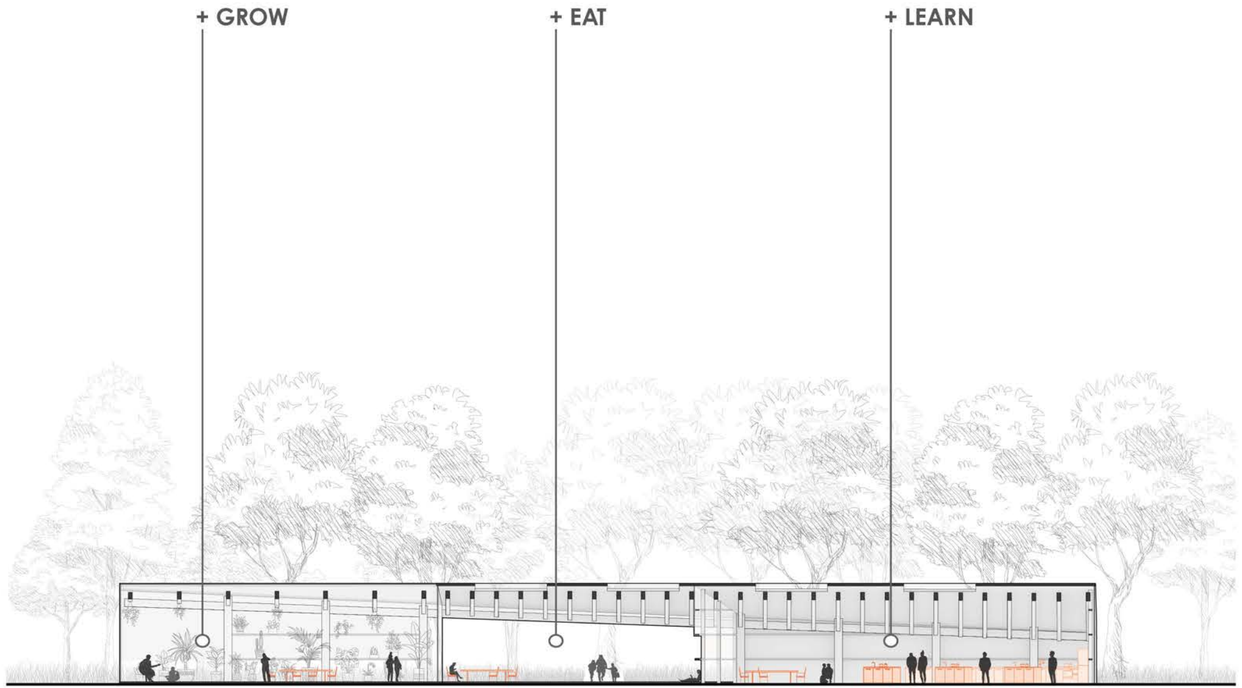


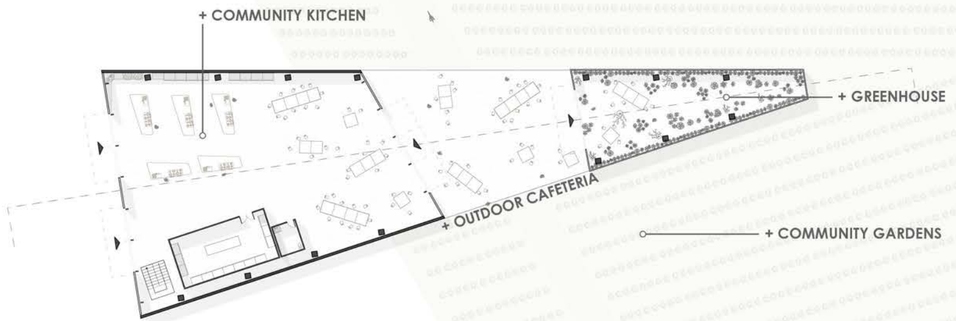
+ THE VILLAGE

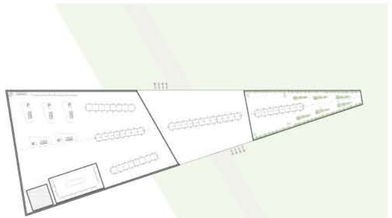
+ CULTIVATION CENTER

+ Cultivation Center for everyone to learn how to grow and cook their own food while also enjoying the company of others.

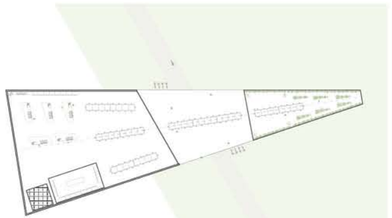



+ GROW
+ EAT
+ LEARN


+ COMMUNITY KITCHEN
+ GREENHOUSE
+ OUTDOOR CAFETERIA
+ COMMUNITY GARDENS



+ EMPTY VOID



+ ENTER THE COMMUNITY

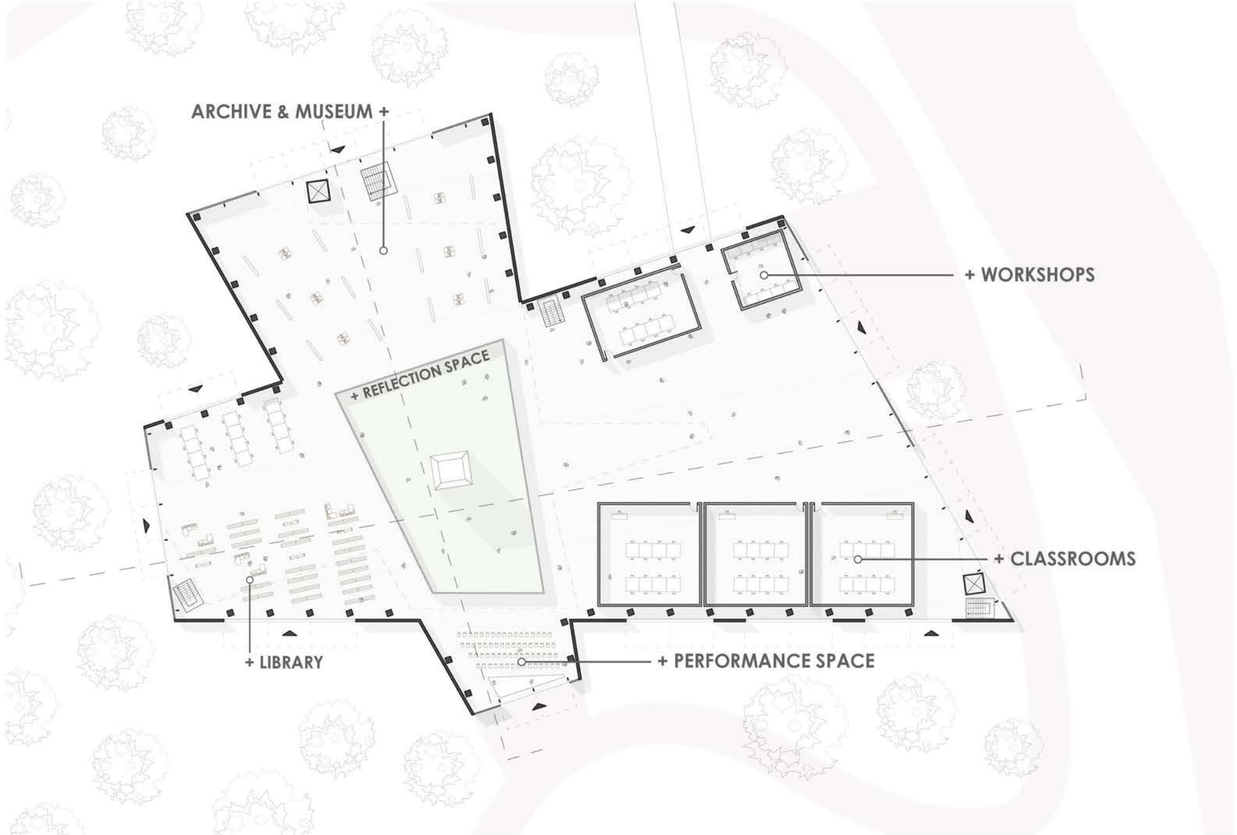
+ COMMUNITY FILLS THE VOID

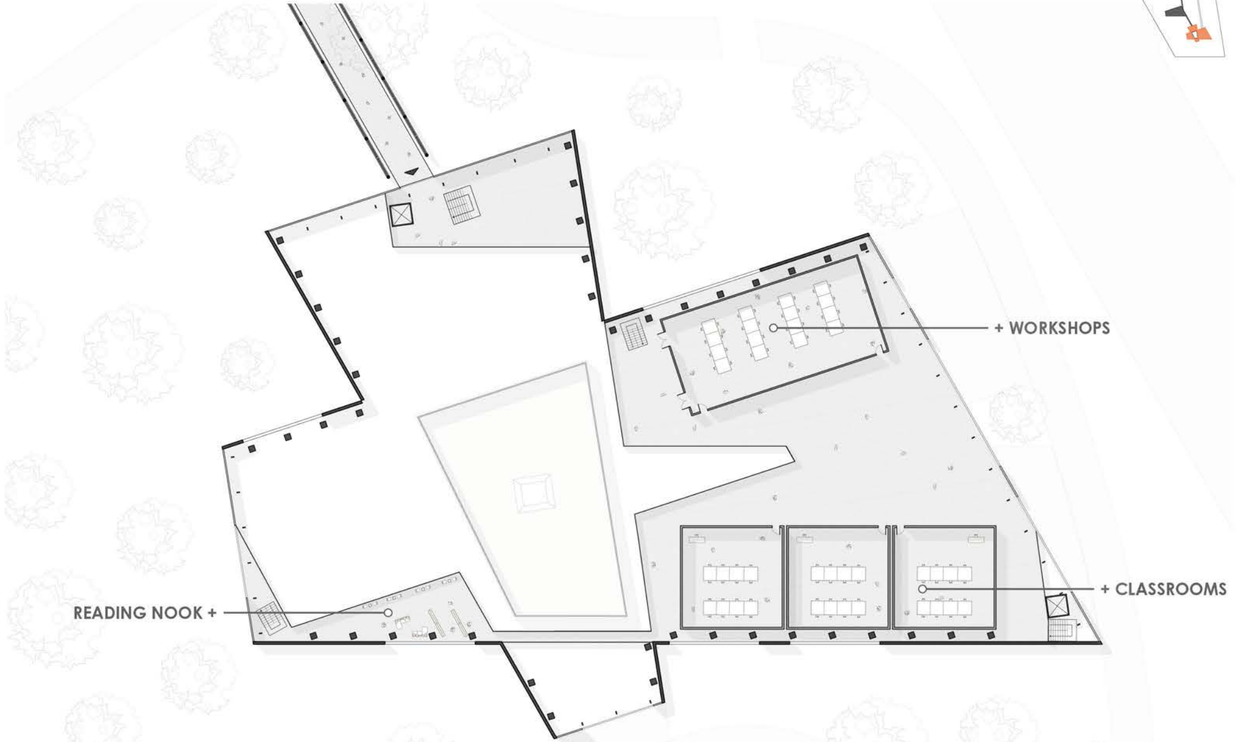
+ LEAVING THE VILLAGE

+ THE FOREST

+ LEARNING CENTER

+ Learning Center for people to learn about their history while also gaining knowledge and skills to further themselves and their community in the future.


ARCHIVE & MUSEUM +
+ WORKSHOPS
+ REFLECTION SPACE
+ CLASSROOMS
+ LIBRARY
+ PERFORMANCE SPACE


+ WORKSHOPS
READING NOOK +
+ CLASSROOMS

+ DISCOVER
+ REFLECT
+ LEARN
+ ADMIRE
+ REFLECT
+ REJOICE

+ EMPTY VOID

+ ENTER THE COMMUNITY

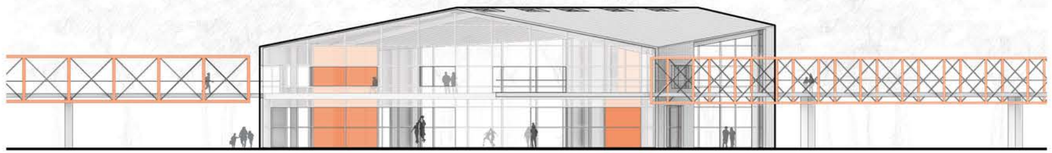
+ COMMUNITY FILLS THE VOID

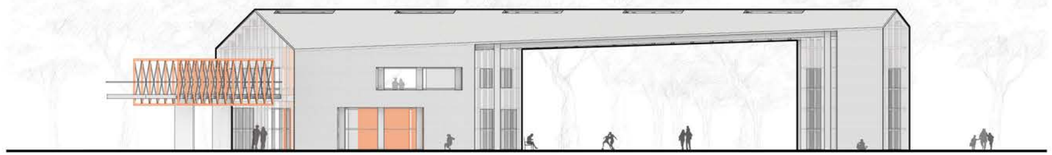
+ RETURNING HOME

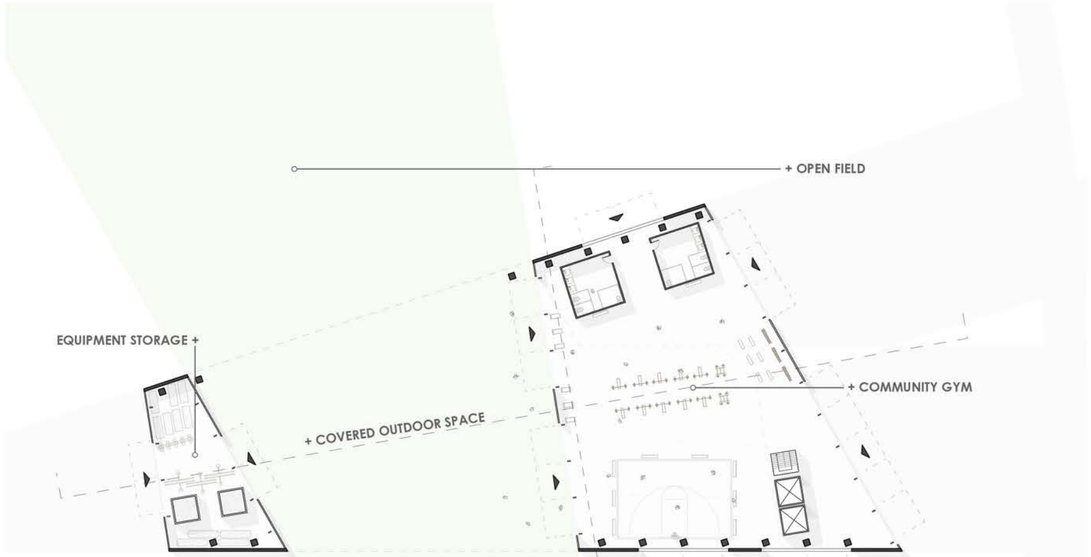
+ THE RETURN

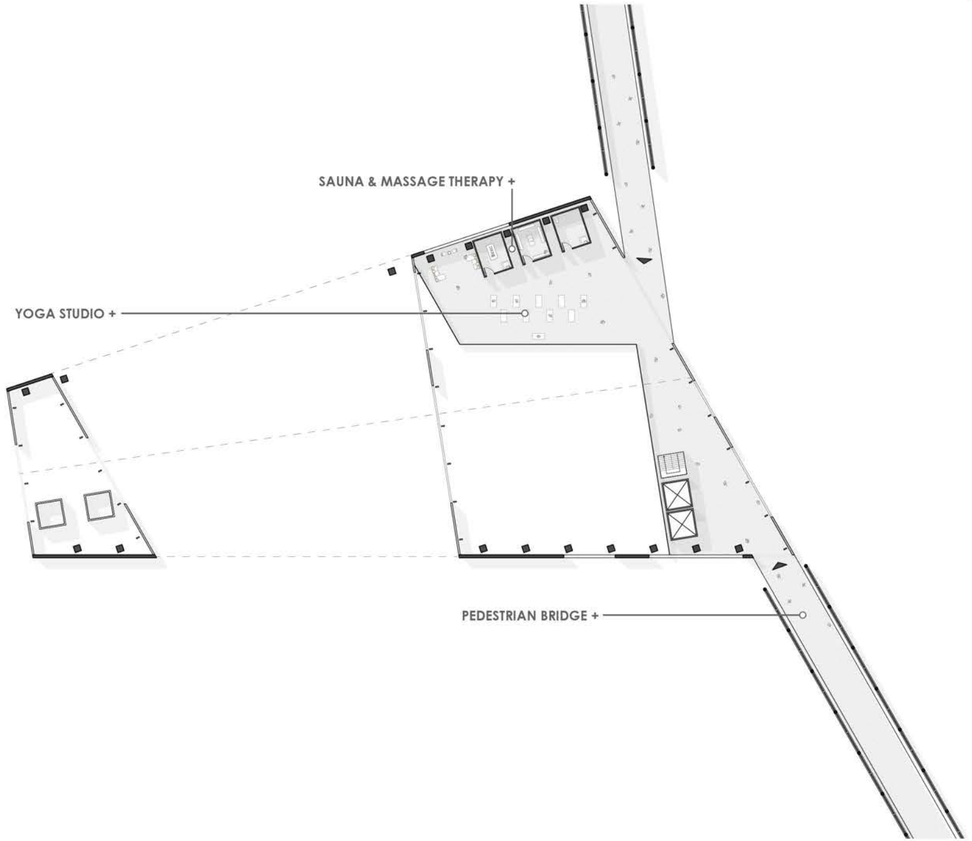
+ WELLNESS CENTER

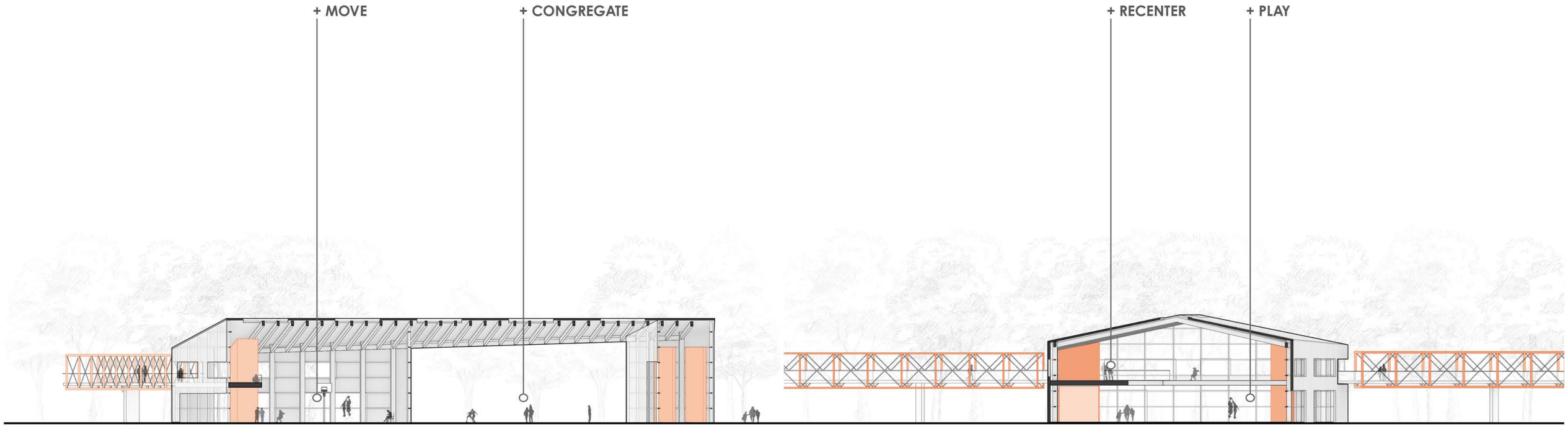
+ Wellness Center to encourage play and relaxation in order to facilitate congregation between generations.

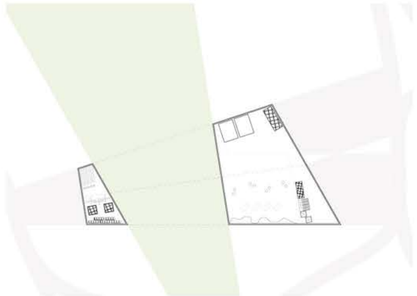





+ OPEN FIELD
EQUIPMENT STORAGE +
+ COMMUNITY GYM
+ COVERED OUTDOOR SPACE


SAUNA & MASSAGE THERAPY +
YOGA STUDIO +
PEDESTRIAN BRIDGE +


+ MOVE
+ CONGREGATE
+ RECENTER
+ PLAY



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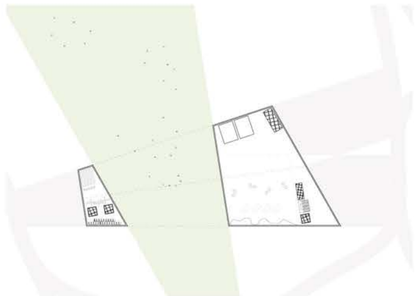
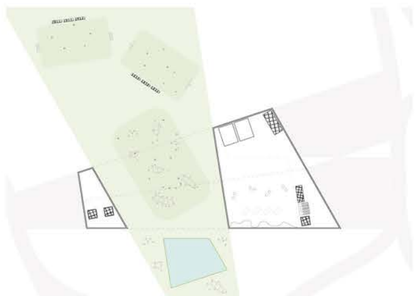
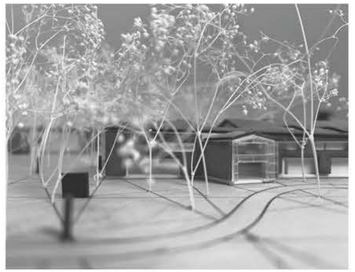
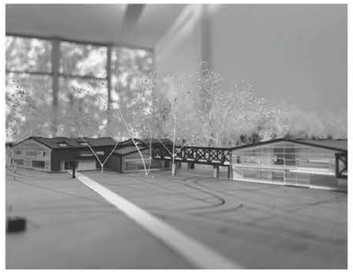


+ ENTER THE COMMUNITY



+ COMMUNITY FILLS THE VOID

+ Model photos of my final model detailing the landscaping and architecture.

+ Photos of the "It Takes A Village" exhibition in Clemson University and Plantersville, SC coordinated by professor, Rayshad Dorsey.