

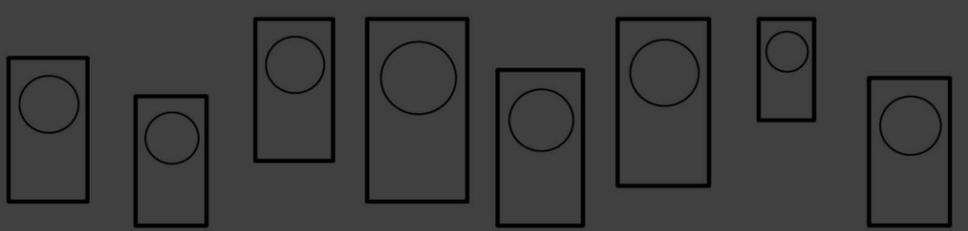


AS

ABOVE

SO

BELOW



Lee/Lowry Courtyard Skyrail Sculpture

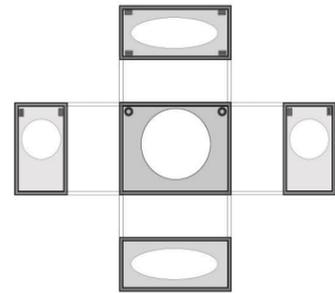
Clemson, SC

ARCH 1510 | Prof. Brandon Pass | Spring 2022

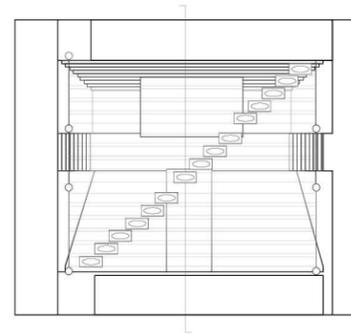
Through analysis of movement, form, function, solid and void space. The Lee Lowry Courtyard Cartrail system was formed. The idea behind this design was to incorporate the movement of a water bottle and the

shape of the void space around the bottle. The viewing carts allow for students to experience the courtyard in a new and refreshing way by creating new spaces above and below the courtyard. Each individual cart can be manipulated and configured

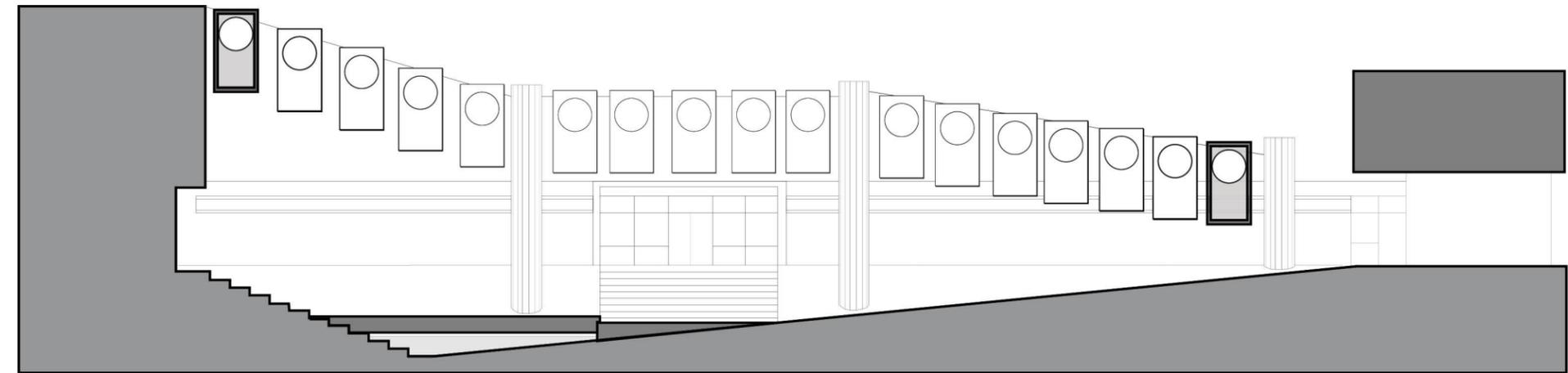
to any order. The configuration of the carts allow for different spaces inside the carts from being inside the trees by the road to in the sunlight over the courtyard. The carts reinvent the space below through shadow and shelter through user configuration.



Rail Cart Cross Section

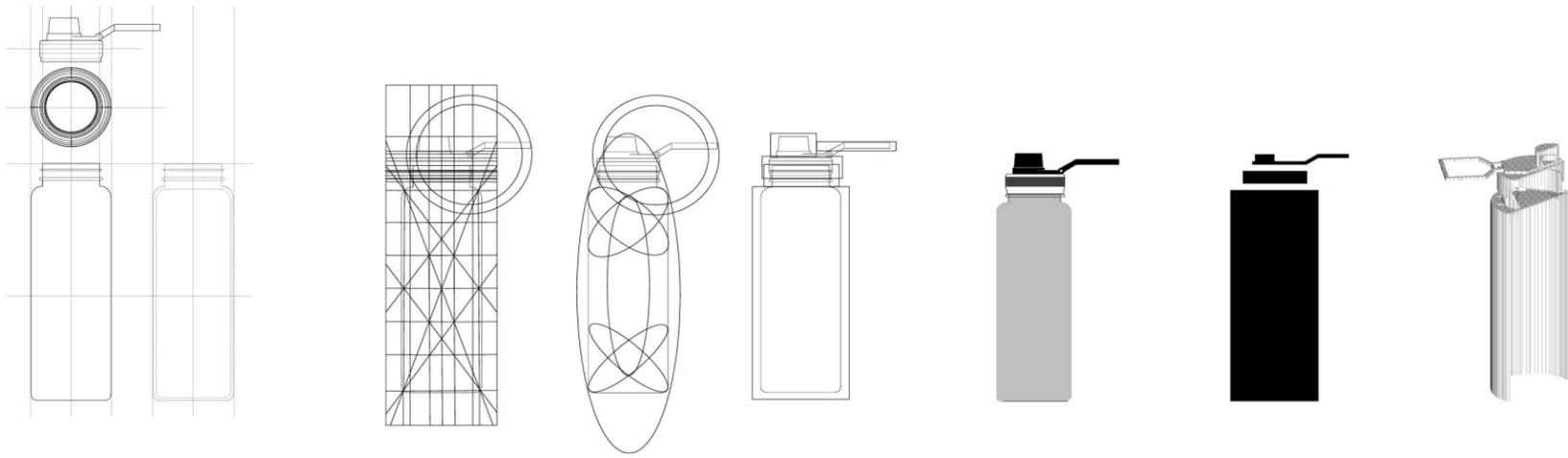


Site Plan



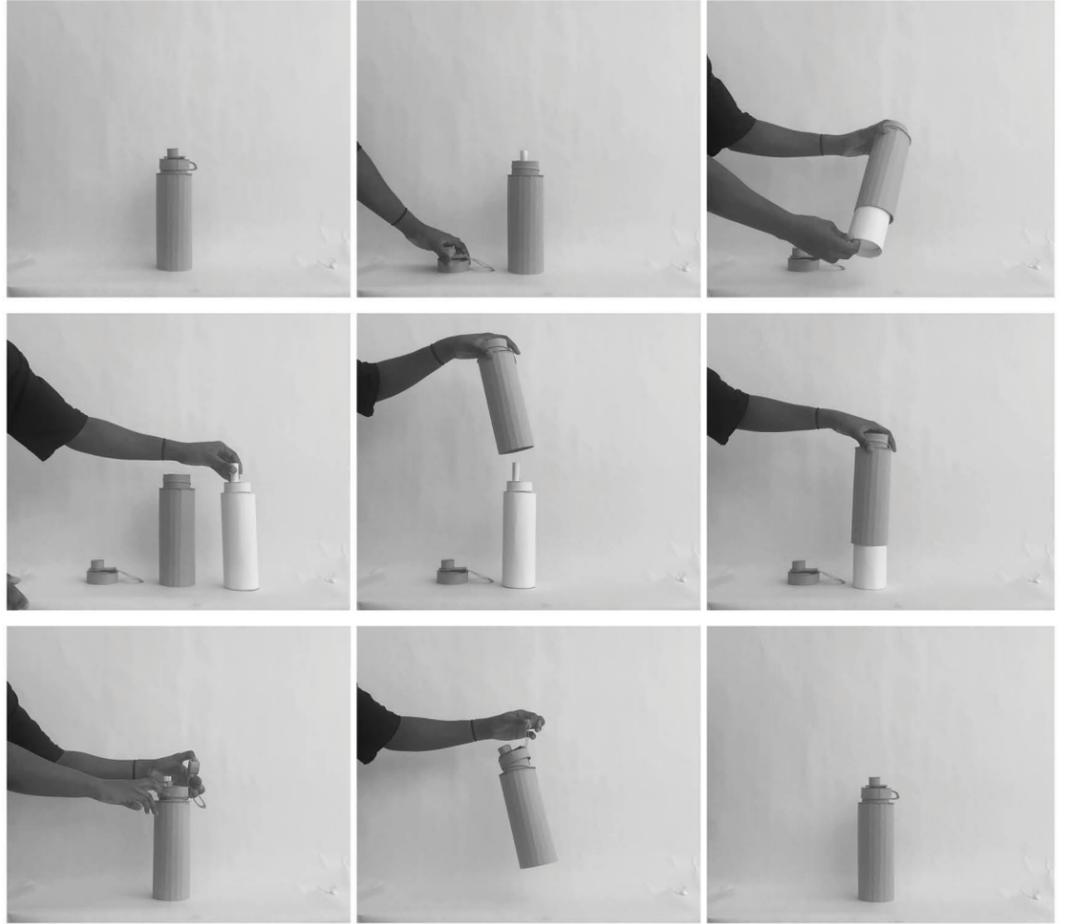
Site Section detailing changes in grade and spacial differences between highest and lowest points of the site.

A N A L Y Z E



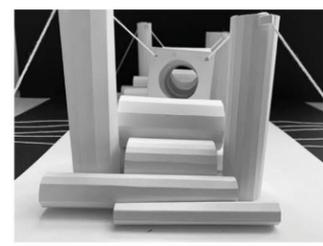
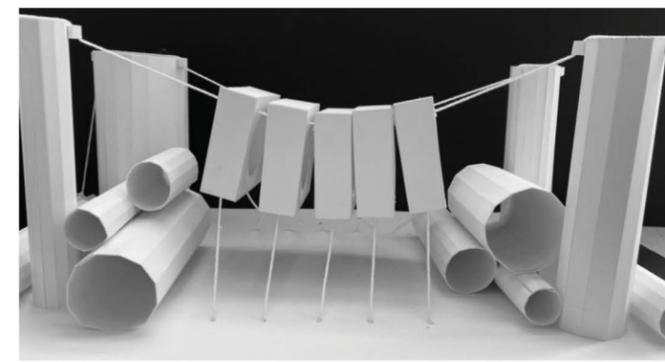
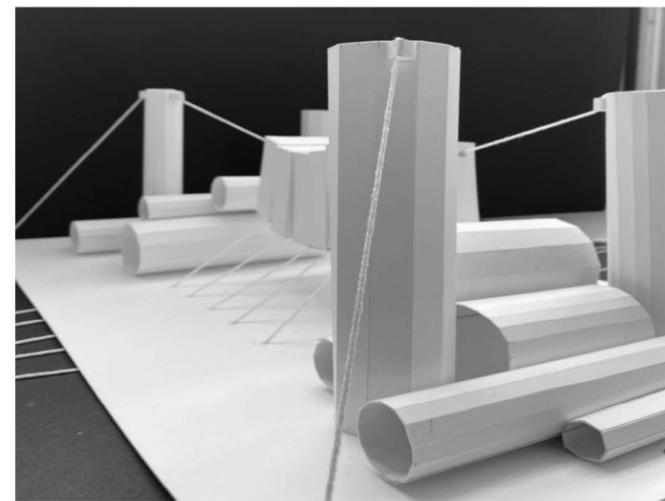
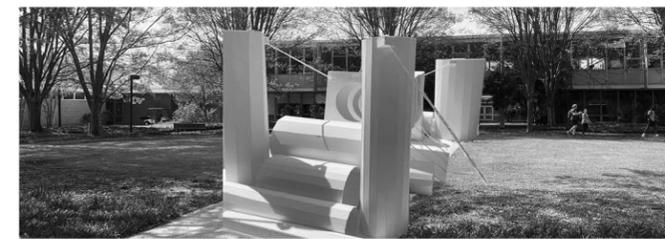
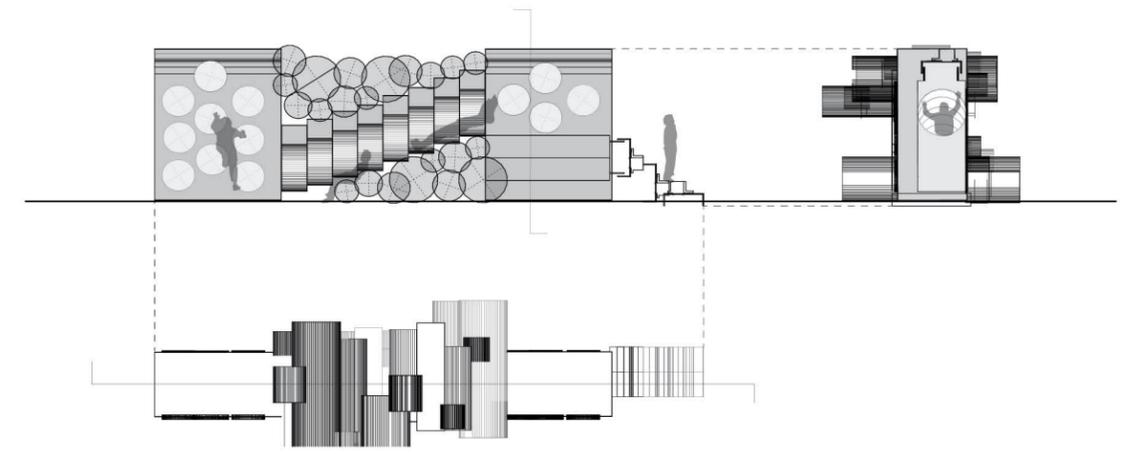
The goal of this point in process was to analyze every piece of this object by analyzing solid and void space, movement, geometry and creating parti diagrams.

r e P L I C A T E

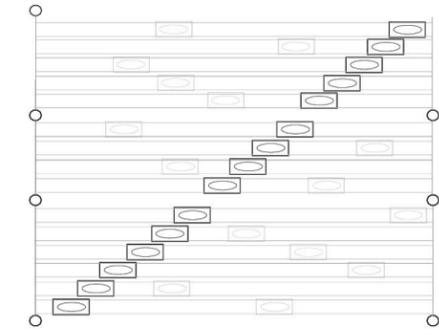
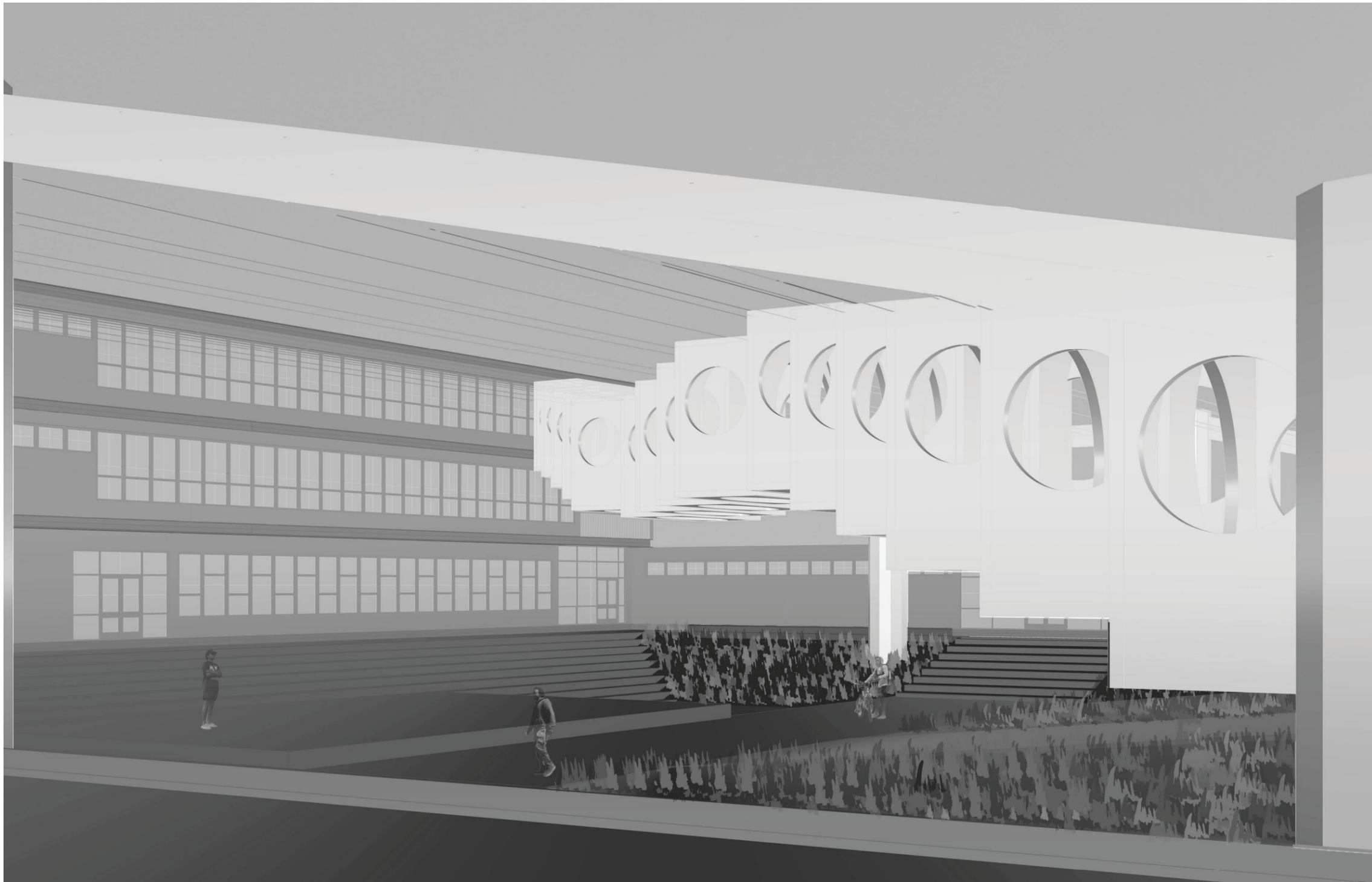


This stage in the process was all about replicating what was done in software and create physical manifestations of the elements analyzed such as motion and space.

This stage in the project was an experimentation with spatial and formal geometries, the end product becoming an interactive play structure.



The iterative process strikes again as this is a further experimentation on the forms discovered through previous experimentation, giving life to the cart rail idea.



Possible Rail Cart Configurations in Plan