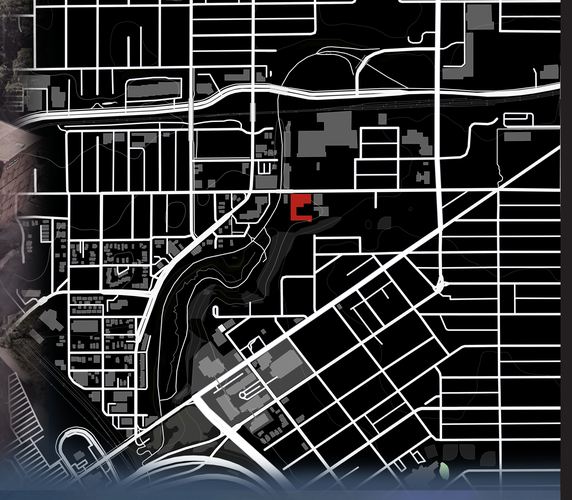
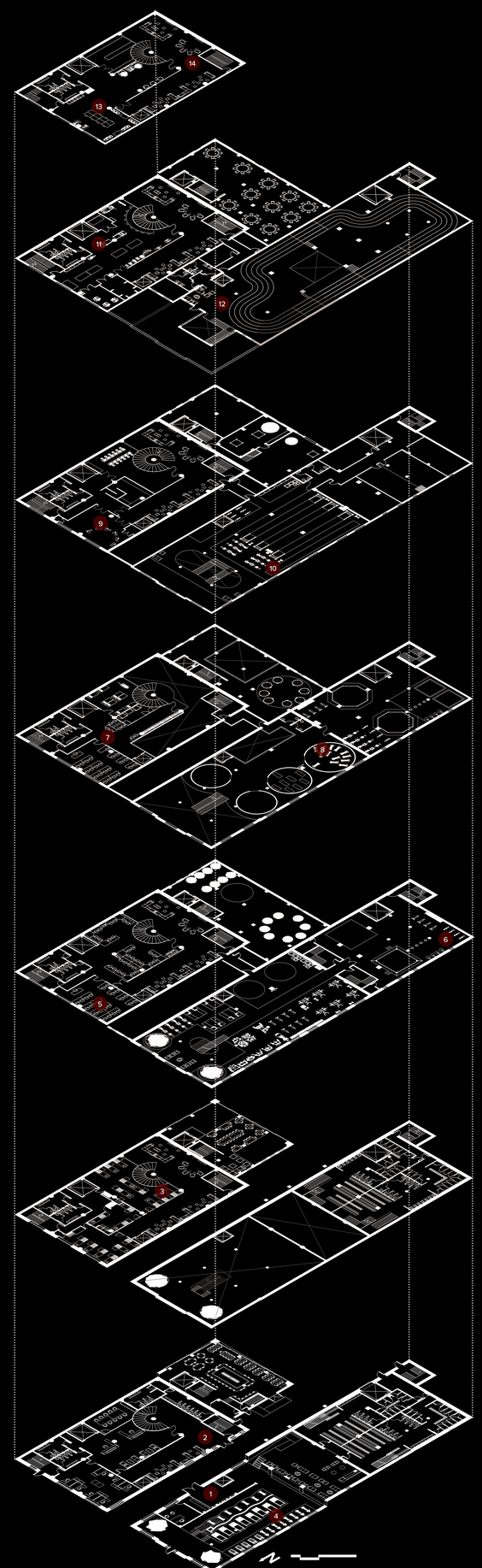


THEO. HAMM'S REBREW



EAST ST. PAUL'S COMMUNITY HUB

Cities of today are at a constant struggle to expand and adapt to their residents. In most cities, roughly fifteen percent of its land are considered to be vacant. A large amount of these sites still house buildings that are no longer serving its original purpose. The old Hamm's Brewery that had brewed beer for over 130 years has now sat abandoned for over seventeen years with several new companies taking on the task of converting it to their new home. The old brewery was picked due to its large role of serving its community over all the years of use, which once housed over 1,300 employees and being one of the largest breweries in America at its peak production. This thesis aims to bring even more life into the crumbling buildings and to harvest growth to the community of East St. Paul and its surroundings. Here the community will learn, build, and grow in the form of amenities in fitness, cooking, arts, wood working and beer brewing, as well as preserving such a significant building that the city does not currently view as worthy of preservation. This project focuses on allowing the most functionality of the new community spaces as well as keeping as much of the existing building as possible.

GROW

WALKING TRACK

DANCE STUDIOS

MIXED MARTIAL ARTS

BOXING

LOCKERS

LOCKERS/LOUNGE

The Fit Brewery sits in the old brew house and grit storage buildings of the complex. On the brew house side of building sits the basic fitness center with floors dedicated to aerobics, lifting weights, CrossFit gym, and dedicated spaces for group workout classes. On the grit storage side sits the intensity fitness portion. On the first two floors are the locker rooms for the whole complex continuing up are dedicated gyms to boxing, Mixed Martial Arts, and dance studios. Sitting above it all is a four lane walking track spanning roughly 300 feet that follows the existing floor plate weaving around structural columns and engaging slopes.

LEARN

7F MAKE-A-BREW

WALKING TRACK 6F WOODSHOP

CROSSFIT 5F ART ROOMS

FITNESS CLASSES 4F TECHNOLOGY LAB

WEIGHTS 3F COMPUTER LAB

2F TEACH KITCHEN

AEROBICS 1F ADMINISTRATION

Community's Laboratory sits in the complex's laboratory and wort cooling buildings. Spanning seven tall floors with six floors dedicated to different functions to help grow and teach the surrounding community in different aspects from all ages. Connecting floor-to-floor is a large spiraling staircase with floor-to-ceiling glass walls allowing for learning to happen both hands on and through observation. Additionally, on the outside walls of the circulation on each floor house breakout spaces with screens and whiteboards, allowing for numerous amounts of alternative classes.

PLAY

EVENT SPACE

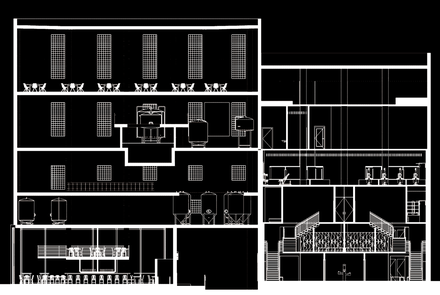
BREWING/STORAGE

OFFICE/TOUR

BREWING STORAGE

SEATING

TAPROOM/SEATING



Broken Stem Brewing sits in the new brew house building. The first two floors are open to the general public with the sixth floor being a large open event space. Floors three, four, five and its corresponding mezzanines house the brewery. To allow for more efficient transfering of beer through the tanks the start of the brewing process is at the top level and ends at the bottom floor where the aging and serving tanks sit. Additionally, on floors four and five sits the offices for both the brewers and general employees.