redefine urban living
“...the greenest building is the one already built.”

- Carl Elefante
Over time buildings cease to function the way they were originally intended to.

The focus of this thesis is how a building's function can be redefined to suit the changing needs of the community.
How can balance between new and existing be achieved through renovation?
This site is important because of the location and the history.

This adaptive reuse project is the next step in creating a new community.
Suburban to Urban Living

Quiet  Green  Escape  Neighbors
Active  Culture  Walkable  Social
Living Machine

Primary Tank

Wastewater in Horizontal Wetland Flow

Vertical Wetland Flow

Disinfection System

Storage Tank

Hybrid Wetland Living Machine

Underdrain System

Coarse Lightweight Expanded Shale

Fine Lightweight Expanded Shale

Top Soil

Tidal Flow Cell 1

Tidal Flow Cell 2

Vertical Flow Cell 3

Vertical Flow Cell 4

Screen Filter

Cartridge Filter

Control Panel

UV Light

Chlorine Tablet Feeder

Turbidity Sensor

Reuse Tank

Recirculation Tank

Flow Equalization Tank

Settling Tank

Trash Tank
Not only did this adaptive reuse project redefine a building and give it new purpose; it redefined the way people live within a city.

Through this thesis, an indoor, green sanctuary was created as a private space within a larger shared public space. This space provides new opportunities for interaction with neighbors and introduction to new technologies.