the refuge

Enabling transformative healing and educational advancement through the integration of urban agricultural techniques

Emily Schoenrock // Landscape Architecture Thesis // Spring 2017
Think about all the energy, transportation costs, and resources that goes into making even part of your daily diet.

WHAT IF YOU COULD BE BOTH THE PRODUCER AND CONSUMER OF YOUR FOOD?
Growing Power really thrives through the community and the people impacted by the technologies at work.

MILWAUKEE, WISCONSIN
Agriscaping is an advancement on the idea of edible landscaping. The goal is to utilize as much space for the dual purpose of production and aesthetics.

Yards That Produce!
Design = $29,000 /yr. in fresh produce on less than 1/5th acre
Using "free" recycled water

GILBERT, ARIZONA
THE BENEFITS THAT COME FROM CARING FOR, AND HARVESTING FROM, YOUR OWN GARDEN ARE IMMENSE
WHAT IS THE REFUGE?

The Refuge is a halfway house that welcomes individuals who are striving to overcome various forms of addiction, abuse, homelessness, and strings of unfortunate events.
What does the Refuge do?

The Refuge currently supports residents through faith, community, and educational means. The goal of each of the organizations’ efforts is to give individuals the tools needed to grow, heal, and succeed.
CONCERNS: safety, noise buffers, sun orientation
OPPORTUNITIES: viewsheds, access to nature
GOALS AND TIMELINE

FOSTER COMMUNITY TO AID IN HEALING AND SUPPORT

INTEGRATE URBAN AGRICULTURE INTO DAILY LIFE

- Orientation and adjustment to schedule
- General education support
- Encouraged faith support
- Therapy and stress support
- Community support
- Introduction to agriculture
- Ownership of agriculture
- Applications of agriculture
- Mentoring of new residents
- Transition to independence
- Separate ownership of agriculture
- Implementation of agriculture in autonomous lifestyle

Arrival to one month
One to four months
Four to ten months
Ten months to exit
How can I implement urban agricultural techniques to foster a more sustainable lifestyle while overall promoting healing and education?

**Refuge Needs:**
- Residential space
- Administrative areas
- Parking
- Healing/prayer spaces
- Educational spaces
- Community areas
- Spaces to interact with nature

**Intervention Needs:**
- Greenhouse
- Hoop houses
- Raised beds
- Space to gather/learn
- Orchard
- Storage space for equipment
- Individual plots/raised beds
orientation and adjustment to schedule

general education support

encouraged faith support

therapy and stress support
SITE PLAN // COURTYARD

- Community support
- Introduction to agriculture
- Ownership of agriculture
- Applications of agriculture
- Mentoring of new residents

one to four months
GREENHOUSE // HOOP HOUSE

cabinets for tool storage
raised bed for seed starts and herbs
mulch, black soil, compost piles
prep sinks to rinse harvest
removable insulation cover for summer growing season
raised bed for season extension

cabinets for tool storage

GREENHOUSE // WORK SPACE // WORK TABLE // HOOP HOUSE
INDEPENDENT HOUSING POD

- Transition to independence
- Separate ownership of agriculture
- Ten months to exit
CENTRAL GREEN SPACE

community support
Small, detailed components found throughout the design implementation tie directly back to the project goals of fostering community and integrating urban agriculture.
Looking forward to reinstatement to society with self-sufficiency and the implementation of agriculture in an autonomous lifestyle.

We can implement urban agricultural techniques to foster a more sustainable lifestyle while overall promoting healing and education.