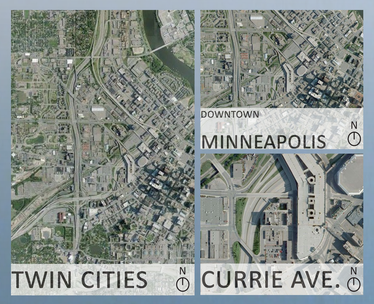


Process

Preliminary Sketches
Organizational Sketches
Elevation Development
Plan Development
Design Development

project development

Theory

HARM REDUCTION

DEFENSIBLE SPACE THEORY

- UTILIZE CONTROL
- ZONE OF INFLUENCE
- JUXTAPOSITION OF DWELLING
- ADOPTION OF BUILDING FORMS AND IDIOMS

CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN

- SURVEILLANCE
- ACCESS CONTROL
- MAINTENANCE
- ACTIVITY SUPPORT

context ANALYSIS

ASSEMBLING THE Pieces

sustaining a lifestyle for the mentally ill.

A DESIGN FOR A MENTAL HEALTH TREATMENT CENTER

problem STATEMENT

How can a facility aid in the development of a support system that monitors the chronic mentally ill's health, safety and welfare in an effort to re-enter society and create a diversion from incarceration and homelessness through architectural design?

JUSTIFICATION

In 2009 approximately 4,035 people in Hennepin County were homeless ("Number of homeless," 2009). Homelessness can be caused from a multitude of reasons; however, a primary cause are chronic mental illnesses that leave many cycling through the streets and in prisons without proper medical, sleep and hygiene needs. Many suffering a treatable illness are released from treatment to facilitate a short term support system leaving the responsibility of maintaining a successful treatment plan after release in the hands of the patient. Many are left without a place to receive consistent monitored treatment resulting in cyclical imprisonment and homelessness.

project ELEMENTS

clinic

The clinic will be a place where professional consultation and evaluation is provided on a daily basis or as needed. Here treatment plans are developed and maintained to look after the client's health, safety, and welfare.

pharmacy

The pharmacy will provide medication on a readily available basis located onsite.

office

The offices will provide space for individual research for professional development and studies, while providing space to maintain and process patient records.

staff

The staff spaces will provide kitchen and dining rooms, restrooms, conference and preparation rooms and temporary lodging.

indoor/outdoor recreation

The facility will contain indoor and outdoor recreation areas, implemented in order to develop a solid community based environment and promote healthy activities.

educational

The educational spaces will be designated for rehabilitation and ongoing training sessions staffed by professional and volunteer help.

living

The clients will have a place of residency on site that is monitored also by professional and volunteer help. This environment will provide monitored living spaces (ie: dining, sleeping, and social rooms) that promote group and individual development.

FOCUS

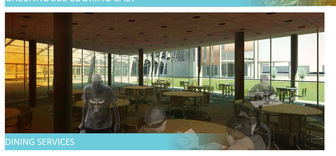
A HEALTHY COMMUNITY BASED ENVIRONMENT
- Creating a support system
- Accountability

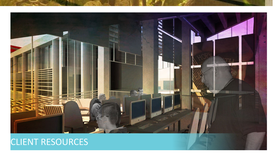
EMERGENCY CARE
- People exiting hospitals
- People exiting prisons
- Mental healthcare

TRANSITIONAL CARE
- Behavioral healthcare
- Primary healthcare
- Employment services
- Mental healthcare

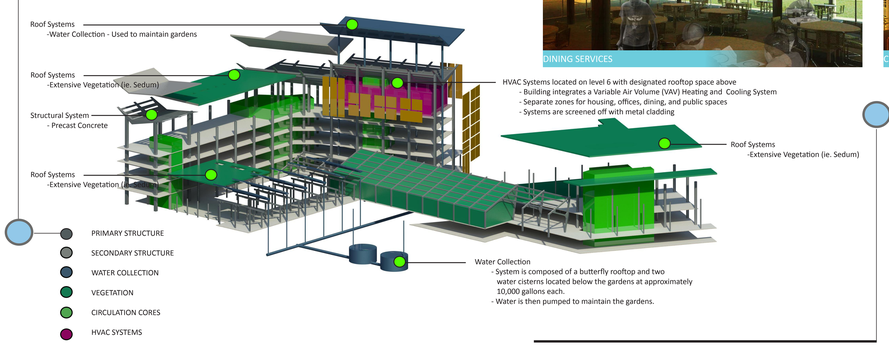
COMMUNITY LIVING ROOM

GREENHOUSE LOOKING EAST


DINING SERVICES


CLIENT RESOURCES

systems INTEGRATION



RESOURCES.

therapy
- Community Produce Gardens
- Greenhouse
- Social Interaction

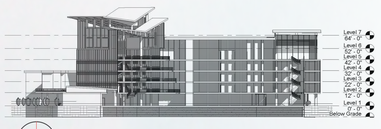
skill developement
- Technological Resources
- Job Services

case management
- Individual Counseling
- Group Counseling
- Chemical Dependency Programs

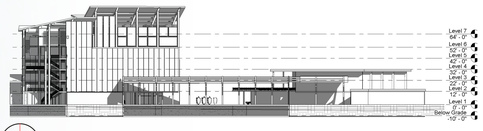
ARCH 772 Design Thesis, Spring Semester 2012, Joseph Vert, David Crutchfield SOFTWARE: Adobe Illustrator, InDesign, Photoshop CS5, AutoCAD 2012, Autodesk Revit Architecture 2012

First Floor
1"=30'

Second Floor
1"=30'



Section A
1"=30'



Section B
1"=30'

Programming

Ground Level

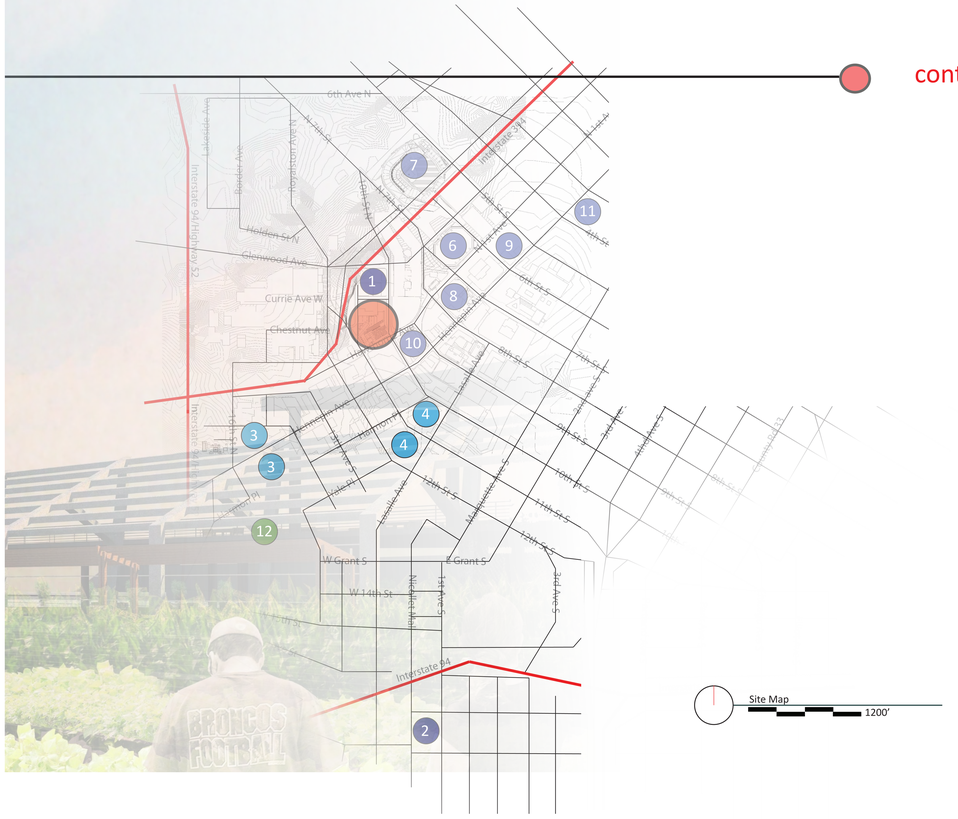
1. West Entry
2. Main Circulation Core
3. Community Resources
4. Professional Offices
5. Waiting Room/South Entry
6. Pharmacy
7. Central Courtyard
8. Consultation Rooms
9. Greenhouse
10. Dining Services
11. Waiting Room
12. Kitchen
13. North Courtyard
14. North Entry
15. Parking and Utilities Access
16. Produce Gardens

Programming

Level 2

1. Classroom
2. Computer/Library Resources
3. Study Space
4. Atrium
5. Housing
   - Apartment A
   - Apartment B
6. Laundry Room
7. Living Community Space

context ANALYSIS



Site Map
1200'

Local Resources

1. Salvation Army
   - Public Nutrition
   - BOLT
     - Spiritual Growth
     - Educational Growth
     - Vocational Growth
   - Technological Resources
   - Housing
     - Emergency
     - Long-Term
   - Beacon Program
     - 12 Step Dependency Program
   - Healthcare

Educational Resources

2. Groveland Food Shelf
3. Minneapolis Comm./Tech. College
4. University of St. Thomas
5. Capella University

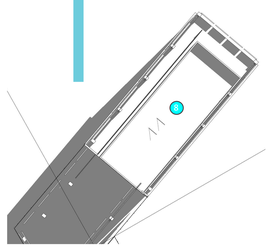
Entertainment District

6. Target Center
7. Target Field
8. First Ave.
9. Cowles Center for Dance and Performing Arts
10. Minneapolis Library
11. Orpheum Theatre
12. Loring Park

Third Floor
1/16"=1-0"

Fourth Floor
1/16"=1-0"

Fifth Floor
1/16"=1-0"



Sixth Floor
1/16"=1-0"

Programming

Levels 3, 4, 5, 6

1. Classroom
2. Computer/Library Resources
3. Study Space
4. Atrium
5. Housing
   - Apartment A
   - Apartment B
6. Laundry Room
7. Living Community Space
8. Mechanical