

Advanced Design

Undergraduate Architecture Studio 05
Documentation + Portfolio

Fentanyl Crisis Design Response, 003
Molly Reichert, Fall 2022

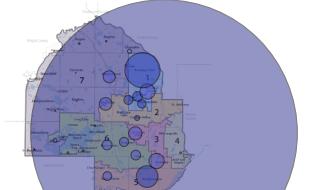
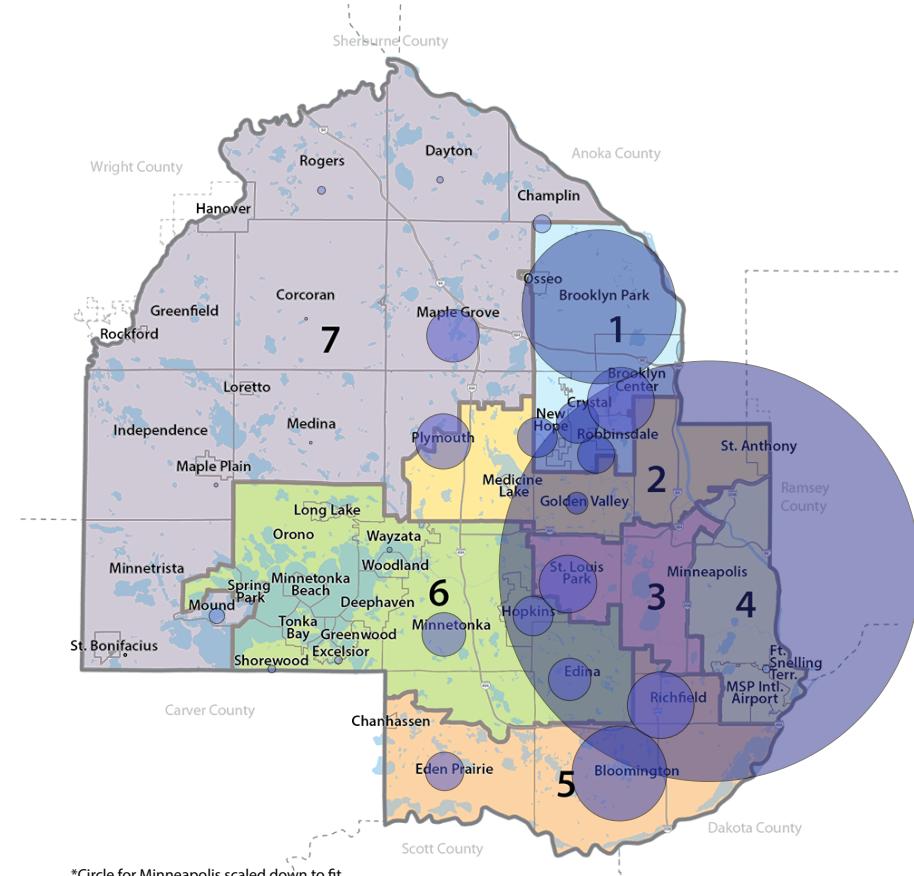
Marian Lu

Riverside Respite
East Lake Street Recovery Center

We spent the semester design a treatment center for specifically Muslim and Somali women suffering from Opioid Use Disorder (OUD). The main goal was for our design to be gender specific and culturally responsive, as well as being concious of the site.

Data Visualization

Opioid Related Deaths among Residents
in Hennepin County by City*

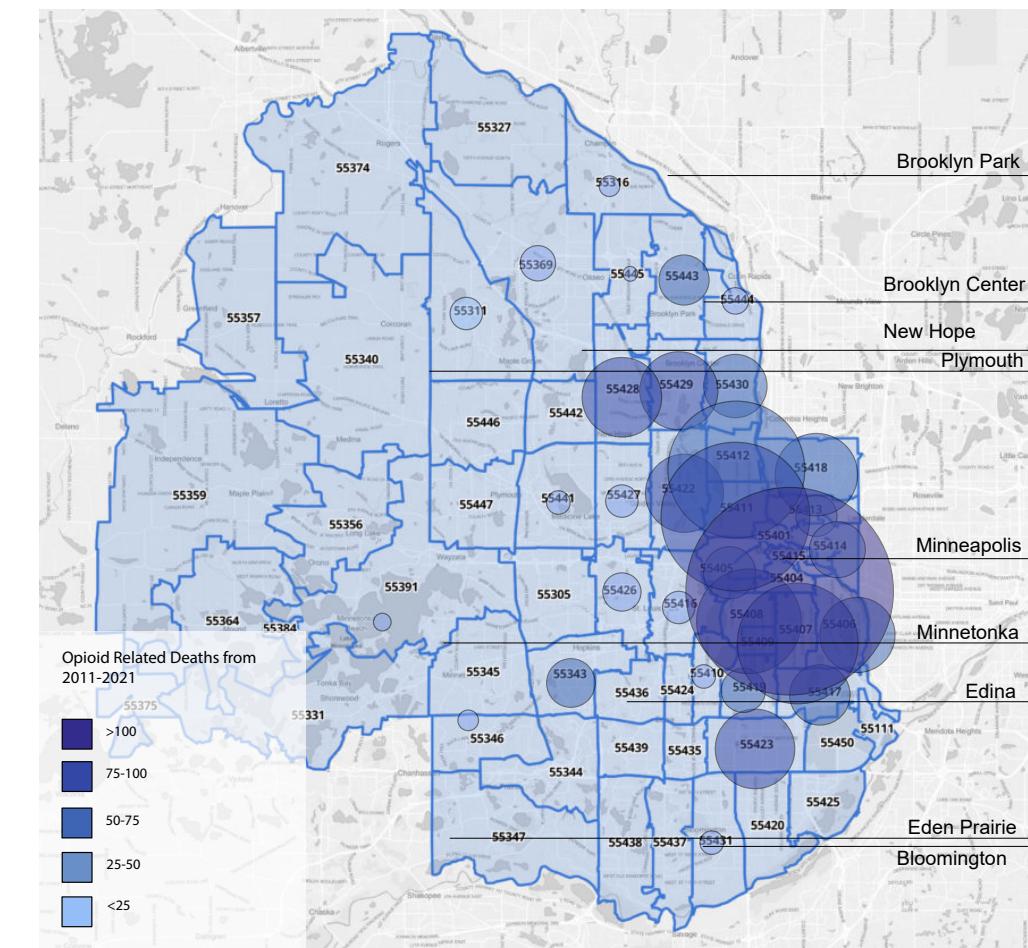


Opiod Related Deaths from 2011-2021

- >900
- 75-100
- 50-75
- 25-50
- <25

Base map from hennepin.us

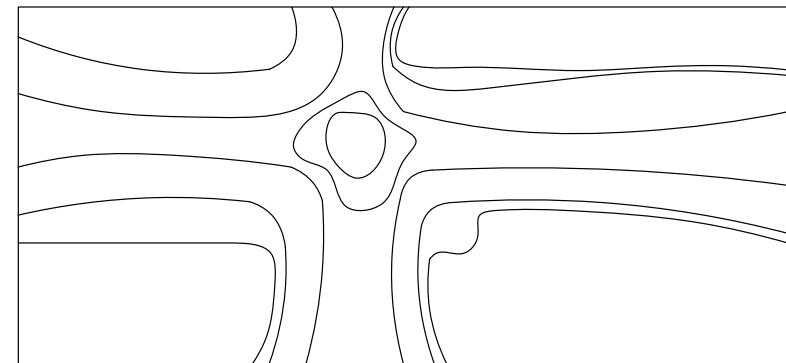
Opioid Related Deaths among Residents
in Hennepin County by Zip Code
Avg Rent (\$/month) in Hennepin County



Site Analysis



Site: 4215 E Lake St, Minneapolis, MN 55406



Micro Site Plan

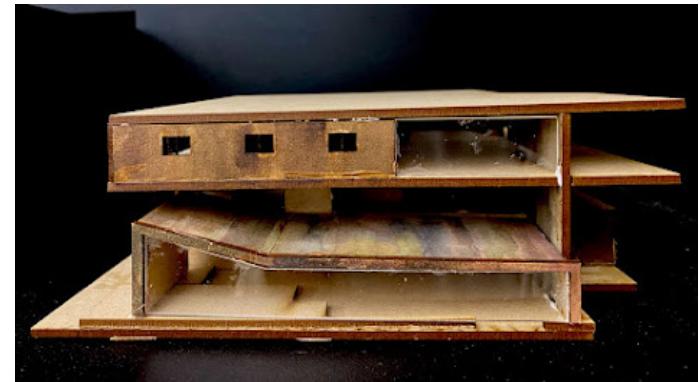
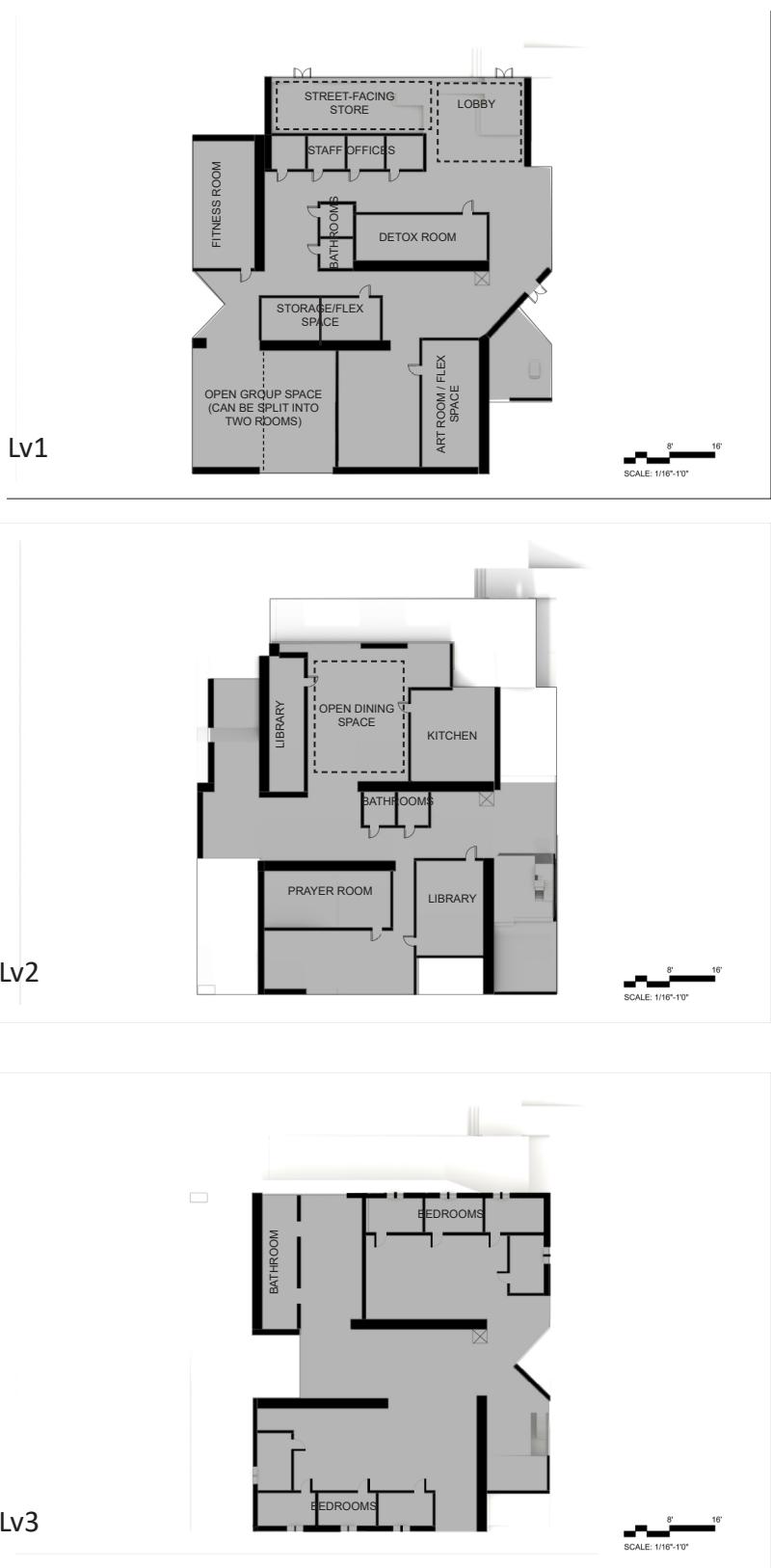
Percent of surfaces on side:
Asphalt: n%
Sidewalk: n%
Grass: n%

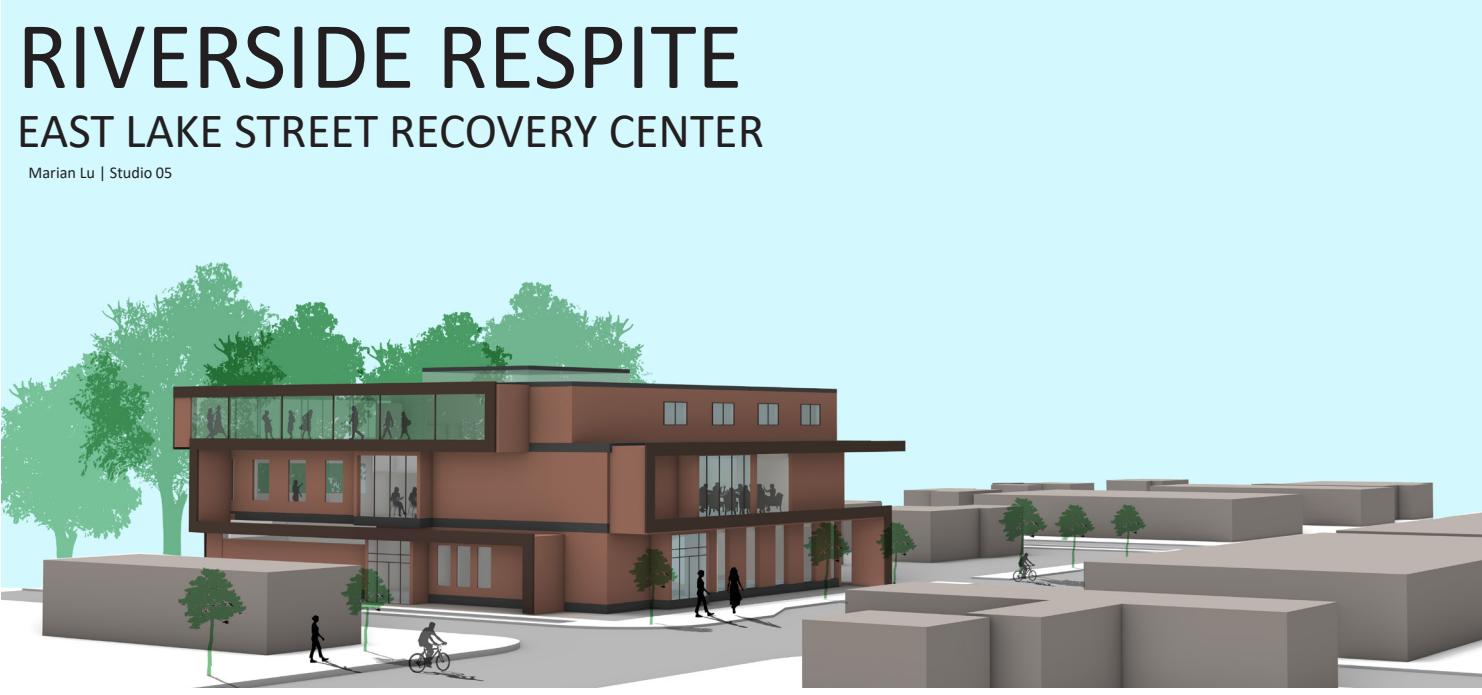


Site Transect v1



Site Transect v2



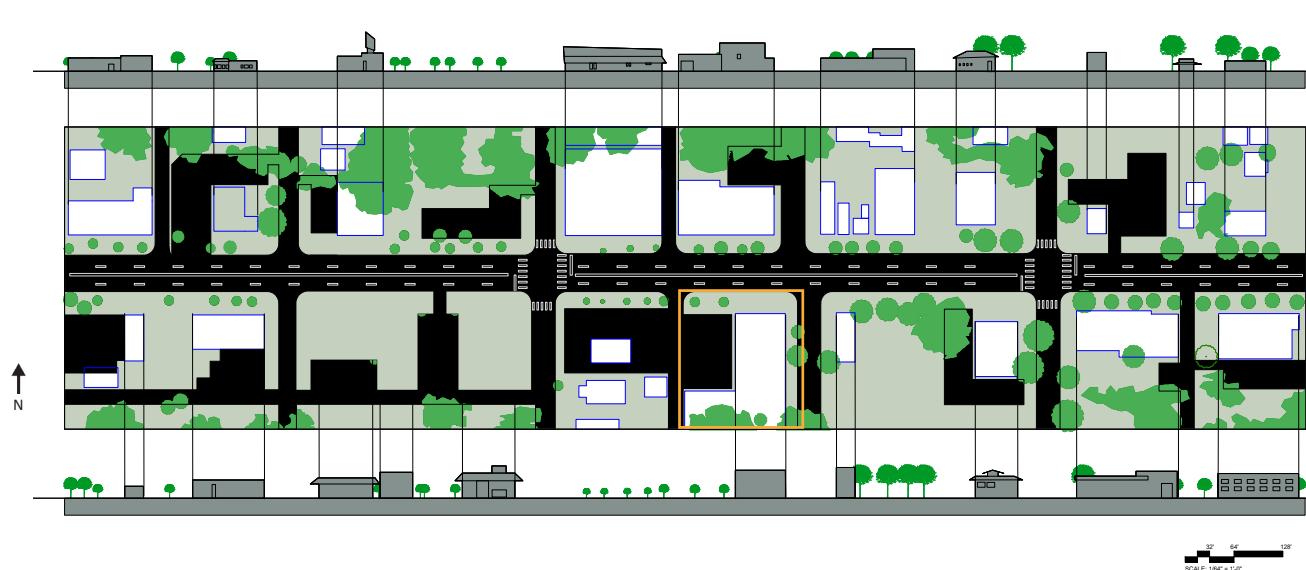
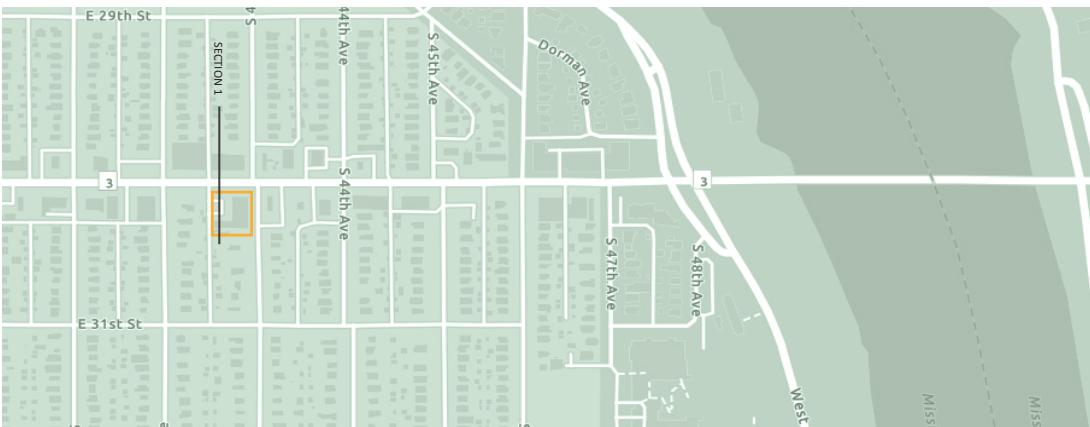


EAST LAKE STREET

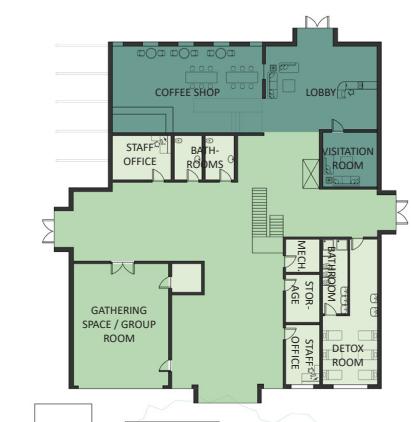
4215 E Lake St, Minneapolis, MN
55406

Tree Canopy Coverage:
1-25%

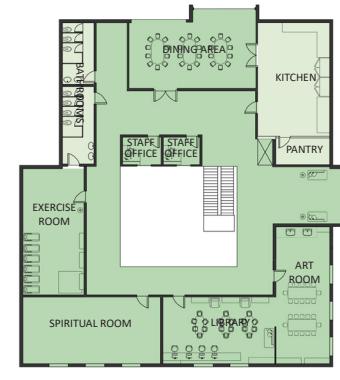
Main Building Type:
Commercial and Residential



BUILDING PROGRAM



LEVEL 1
Lobby
Streetfront store
Bathrooms
Staff Offices
Detox room
Gathering space/group area

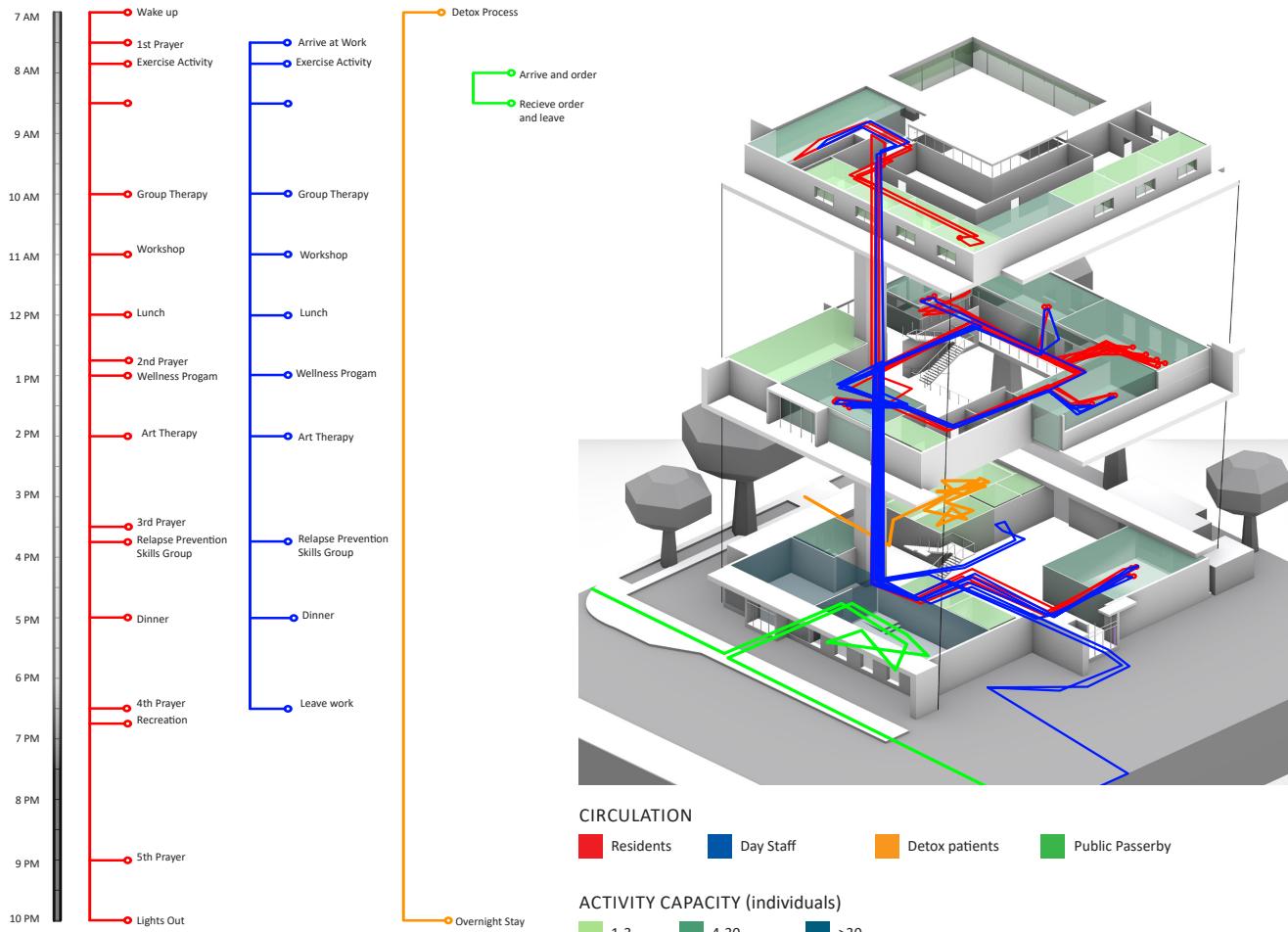


LEVEL 2
Open dining space
Kitchen
Bathrooms
Spiritual room
Library
Exercise space
Art therapy room



LEVEL 3
Bedrooms
Communal bathroom
Living space/lounge
Outdoor flex space

Final Review (cont)



Final Physical Model



NORTH ELEVATION



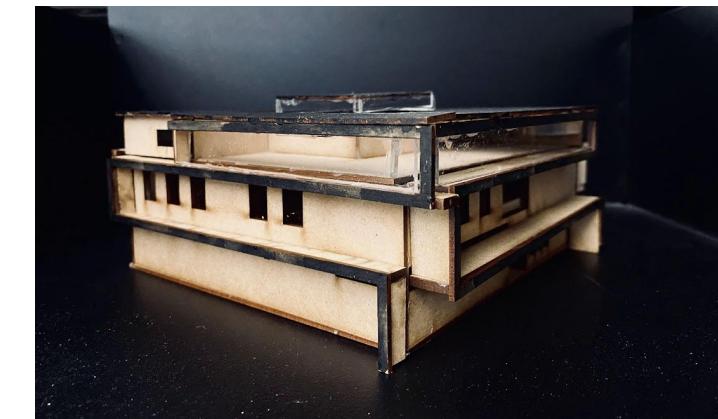
EAST ELEVATION



SOUTH ELEVATION



WEST ELEVATION



SW VIEW



SE ELEVATION



NORTH ELEVATION



SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION

