CLIENT NEEDS:

OUTDOOR AMENITY SPACES ON THE CAMPUS INCLUDING:
- Community gardening opportunities for all three buildings
- Relocated safe drinking space for the Glenwood residence
  - Includes a private and sheltered area for Glenwood tenants
- Outdoor areas for all three of the buildings
  - Includes sober recreation areas
  - Seating areas for people to enjoy

EXISTING ISSUES:

- Outdoor spaces can be difficult to maintain
  - Thorny shrubs collect garbage
  - Areas become overgrown easily
- Safe drinking area looks temporary, unwelcoming
- Bikes & personal carts unprotected from elements
- Entrances to site are very public-facing
- Southwest lightrail project taking southern portion of property

TEAM MEMBERS:
- Sam Busman
- Meghan Kress
- Tate Murchison
- Becca Staley

CLIENT:
- N
- Glenwood Avenue
- I-94 & Lyndale Avenue

CLIENT NEEDS:
- Outdoor amenity spaces on the campus including:
  - Community gardening opportunities for all three buildings
  - Relocated safe drinking space for the Glenwood residence
    - Includes a private and sheltered area for Glenwood tenants
  - Outdoor areas for all three of the buildings
    - Includes sober recreation areas
    - Seating areas for people to enjoy

EXISTING ISSUES:
- Outdoor spaces can be difficult to maintain
  - Thorny shrubs collect garbage
  - Areas become overgrown easily
- Safe drinking area looks temporary, unwelcoming
- Bikes & personal carts unprotected from elements
- Entrances to site are very public-facing
- Southwest lightrail project taking southern portion of property
  - Steep slope at east corner, difficult to manage
  - Under-utilized patio space
  - Bikes not sheltered
  - Resident gardening area

FUTURE SOUTHWEST LRT
CEDAR LAKE TRAIL
FUTURE SOUTHWEST LRT
GLENWOOD AVENUE
LYNDALE AVE
I-94
SOUTHWEST LIGHTRAIL PROJECT TAKING SOUTHERN PORTION OF PROPERTY
STEPP SLOPE AT EAST CORNER, DIFFICULT TO MANAGE
UNDERT UTILIZED PATIO SPACE
BIKES NOT SHELTERED
RESIDENT GARDENING AREA
EXISTING ISSUES:
- Outdoor spaces can be difficult to maintain
  - Thorny shrubs collect garbage
  - Areas become overgrown easily
- Safe drinking area looks temporary, unwelcoming
- Bikes & personal carts unprotected from elements
- Entrances to site are very public-facing
- Southwest lightrail project taking southern portion of property
  - Steep slope at east corner, difficult to manage
  - Under-utilized patio space
  - Bikes not sheltered
  - Resident gardening area

FUTURE SOUTHWEST LRT
CEDAR LAKE TRAIL
FUTURE SOUTHWEST LRT
GLENWOOD AVENUE
LYNDALE AVE
I-94
SOUTHWEST LIGHTRAIL PROJECT TAKING SOUTHERN PORTION OF PROPERTY
STEPP SLOPE AT EAST CORNER, DIFFICULT TO MANAGE
UNDERT UTILIZED PATIO SPACE
BIKES NOT SHELTERED
RESIDENT GARDENING AREA
2019 SEARCH FOR SHELTER DESIGN CHARRETTE
Creating Affordable Design Solutions to Meet Minnesota’s Housing Needs Since 1987

February 9, 2019
bit.ly/aiamnsfs

TEAM MEMBERS:
SAM BUSMAN
MEGHAN KRESS
TATE MURCHISON
BECCA STALEY

CLIENT:
GLENWOOD AVE
I-94 / LYNDALE
SW LIGHT RAIL CORRIDOR

Safe Drinking Space Perspective Existing

Polycarbonate Roofing
- Existing pergola structure used to tie in new roof structure

Dimensional lumber made to match existing pergola
- Infrared heating elements hung from new roofing structure

Infrared Heating Elements
- Hanging lights for safety and a lively atmosphere
- Large common table to encourage fellowship and camaraderie
- New plantings to make space feel softer and more inviting
- Smaller, more secluded pull-out spaces to offer relief from group setting when needed

Concrete pavers that are accessible and easy to maintain
- Existing pergola structure used to tie in new roofing structure
- Trellis fencing with ivy growth to make separation softer and more welcoming
- Existing plan of courtyard and main circulation path

The project aims to provide an inviting and non-threatening space for communal gathering and safe and responsible alcohol consumption.

Urban Community Gardening
- The urban community garden is created as an opportunity for skill building and cooperative food sourcing to promote healthy living and community interdependence that serves both the residents and the neighboring kitchen staff.

Storage
- Storage in the garden for community sourced and kept tools for the maintenance and growth of the garden space along with the improvement of alcohol storage with safely concealed lockers for individualized storage of personal supply of alcohol.

Suggested materials:
- 4x4 posts at corners & midpoint of long sides
- 2x12 framing for sides
- 3’ x 8’ raised planter beds
- Rock mulch at corners to mitigate dirt from being blown
- OUTlining for shade

Plan of Courtyard and Main Circulation Path

Safe Drinking Space Perspective Top

SAFE DRINKING COURTYARD

Urban Community Gardening

Storage

- Tool Storage
- Storage in the garden for community sourced and kept tools for the maintenance and growth of the garden space along with the improvement of alcohol storage with safely concealed lockers for individualized storage of personal supply of alcohol.
Karl Foerster Feather Reed Grass
- Add verticality and variety to the landscape
- Can be used as a backdrop for other plants
- Can be placed along walkways to direct movement
- Greens early in the spring to add color
- Stays upright all year
- Maintenance: Pruning in the spring

Hostas
- Large variety of colors and sizes to fit all areas
- Flowering plant that provides color
- Grow well in shaded areas
- Tolerate dry conditions
- Maintenance: divide the plant if it starts to die

Ferns
- Large variety of sizes and colors
- Hardy plants that grow in shade
- Thrive in crowded or dense plantings
- Perennial
- Low maintenance

Asters
- Native to prairies
- Grow well in dry soil
- Perennial
- Variety of colors
- Maintenance: not mandatory