GOALS
SUSTAINABLE
- clean energy generation
- local ag (farmers’ market)
- reduce imperm surfaces, increase natural vegetation
- stormwater collection/filtration
- soil remediation

INCLUSIVE
- accessible for residents and other users with limited mobility
- programmed to draw in public
- supportive of gatherings

RECOGNIZANT
- maintain and feature select industrial remnants
- material palette carefully curated

ACTIVE
- more people and more recreation
- bike/walk trails
- kayaking rental and docking

CONNECTIONS
- embrace riverfront
- guided views, incl to downtown

SITE
- 53-unit co-op housing with a mix of unit sizes and styles
- Retail, restaurant(s), day care
- Farmers’ market & solar farm
- Restorative parkland along river with programmed public functions

CONTEXT | INTRODUCTION
SITE & PROGRAM

PROGRAM
- clean energy generation
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CONCEPTUAL PERSPECTIVE:
looking southwest from intersection of Dowling & Washington Aves

SITE OVERVIEW
looking northwest

TYPICAL UPPER LEVEL FLOOR PLAN

- one-bedroom units
- open terrace with views toward downtown and river
- multi-story light well
- common kitchen/dining and social area
- vertical circulation
- one-bedroom units
- vertical circulation
- two-bedroom units
- comrade corner/social space
- open terrace with views toward downtown and river
UNIT DESIGN: typical one-bedroom configurations

BUILDING SECTION
through common social area and multi-story lightwell

EXTerior VIEW
of common social area and multi-story lightwell

COMRADErIE CORNERS:
social nooks for small groups
CONCEPTUAL PERSPECTIVE: looking toward concrete shell repurposed into amphitheater

CONCEPTUAL PERSPECTIVE: looking south along river bike/walkway

FRIENDS OF FARVIEW - North Minneapolis
Team Members: Garrett Burnham, Beth Evanson, Scotia Holmgren; Salim Makhoul, Liliana Ninaquipe, Kyle Palzer; Arseny Pekurovsky; Karla Schmitt, Rachel Williams
Ground loop heat pump
+ most efficient options
+ higher first cost
- river may be used for heat sink

Variable refrigerant flow
+ lower carbon emissions
- refrigerant loops, newer technology
- higher cost (electric heat)

Water loop heat pump
+ conventional system
- least efficient
- lower cost (gas heat)