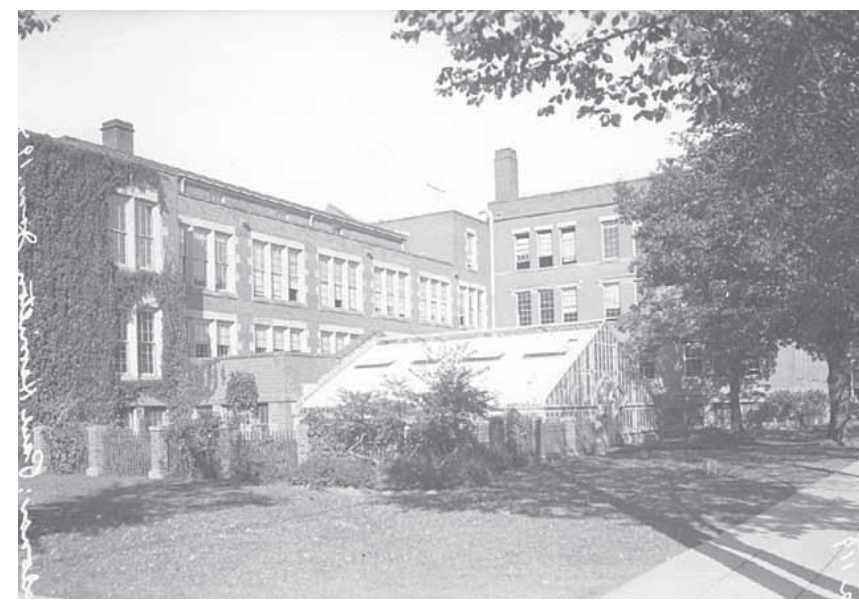


A



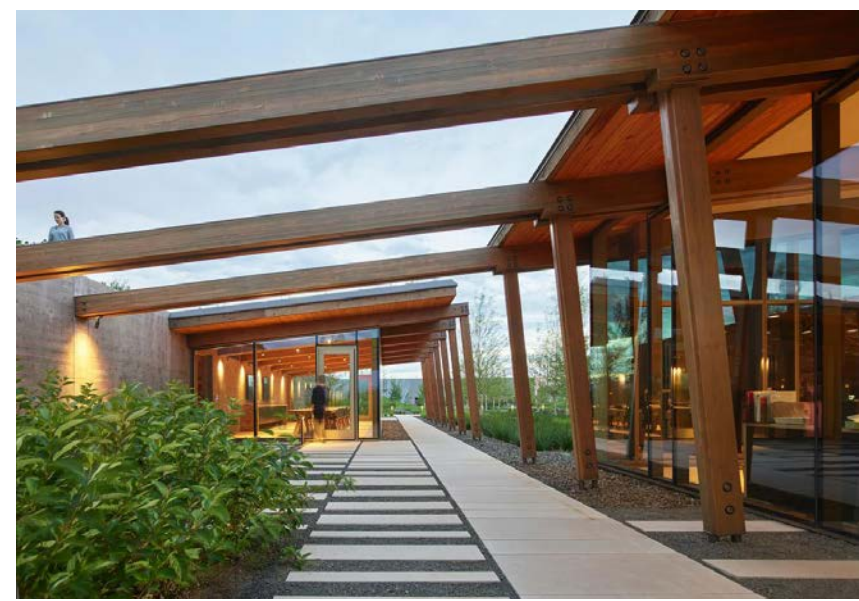
Project Sweetie Pie got its start in 2011 as part of the community efforts to support North High School. But as these historical photos show, greenhouses and horticulture have been a part of North High School's history for a long time.

B

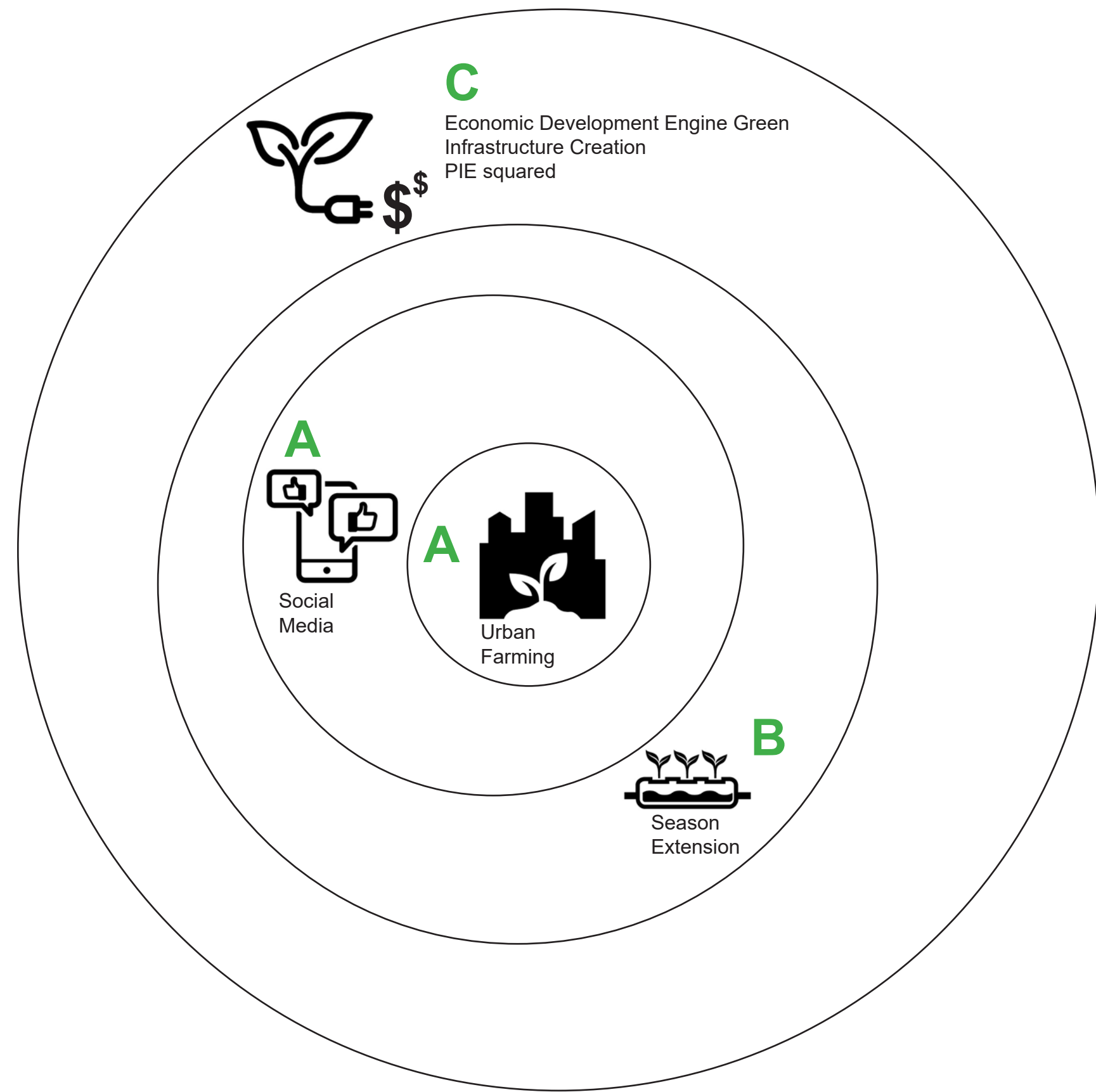


The site at the corner of Dowling and Humboldt has been a greenhouse use since 1904. The current property contains two 30'x60' greenhouses, a two-stall garage, 1,600 sq ft of retail/office space and 950 sq ft of storage space, all zoned for agricultural purposes. This location is an opportunity to be a trailhead: the greenhouse on the greenway, and is a step in Sweetie's Pie's own growth trajectory, allowing for the extension of the season and additional community and commerce space.

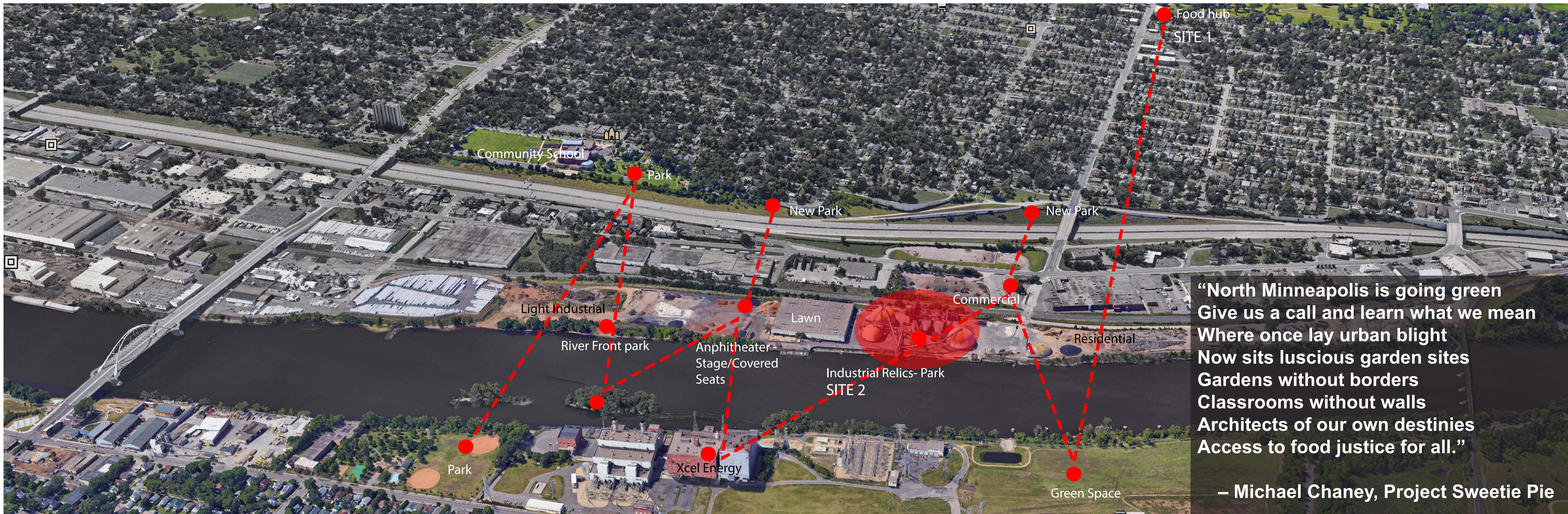
C



The objective of Gather North is to create a 2.5 acre Community Food Hub as the heart of a new Eco Village that will grow at the Upper Harbor Terminal site. This project will be an international model and a catalyst for a re-invention of the entire Mississippi River corridor of communities to revitalize and build healthy and resilient communities.



#### 4 PHASES OF PROJECT SWEETIE PIE



**“North Minneapolis is going green  
Give us a call and learn what we mean  
Where once lay urban blight  
Now sits luscious garden sites  
Gardens without borders  
Classrooms without walls  
Architects of our own destinies  
Access to food justice for all.”**

**– Michael Chaney, Project Sweetie Pie**



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PROGRAM SUMMARY

At the end of 2015 a final report was issued by a joint effort between Project Sweetie Pie, Healthy Foods Healthy Lives Institute, UMN Center for Urban and Regional Affairs and the UMN Center for Sustainable Building Research. That extensive community engagement process was centered around the Trailhead opportunity, the “Greenhouse on the Greenway” and Community workshop outcomes emphasized the following uses for the greenhouse:

- 1. Community run hub for full circle food production and healthy eating education.
- 2. Economic model that is hybrid and integrates non profit and business aspects that is leading edge and entrepreneurial with bold branding.
- 3. The project focuses on connecting youth to schools and master gardeners and adopts youth employment models.
- 4. The project becomes a place for youth to thrive in
- 5. The project creatively engages the community through fun and seasonal events.

Other program related feedback from that work included:

- Selling food grown on site or locally (e.g., fresh vegetables, fruit, honey)
- Selling products processed locally (e.g., canned tomatoes, jam, honey)
- Housing a locally owned small business (e.g., coffee shop, internet café, flower shop)
- Offering space for aspiring gardeners or commercial growers
- Offering classes on gardening, composting, canning and cooking
- Offering facilities to extend the growing season (e.g., greenhouse/high tunnel production, aquaponics)
- Offering produce processing facilities (e.g., washing, canning, preparing foods)
- Offering facilities for large scale compost production and waste recycling for local gardeners
- Partnering with schools and youth serving organizations to develop educational programs about agriculture, entrepreneurship, leadership and health

This has informed our understanding of the program for the Food Hub that is planted in the Sweetie Pie Trailhead and further grown and cultivated to be the eco community hub called Gather North, part of the overall redevelopment of the Upper Harbor Terminal Site.

Family Nutrition Need

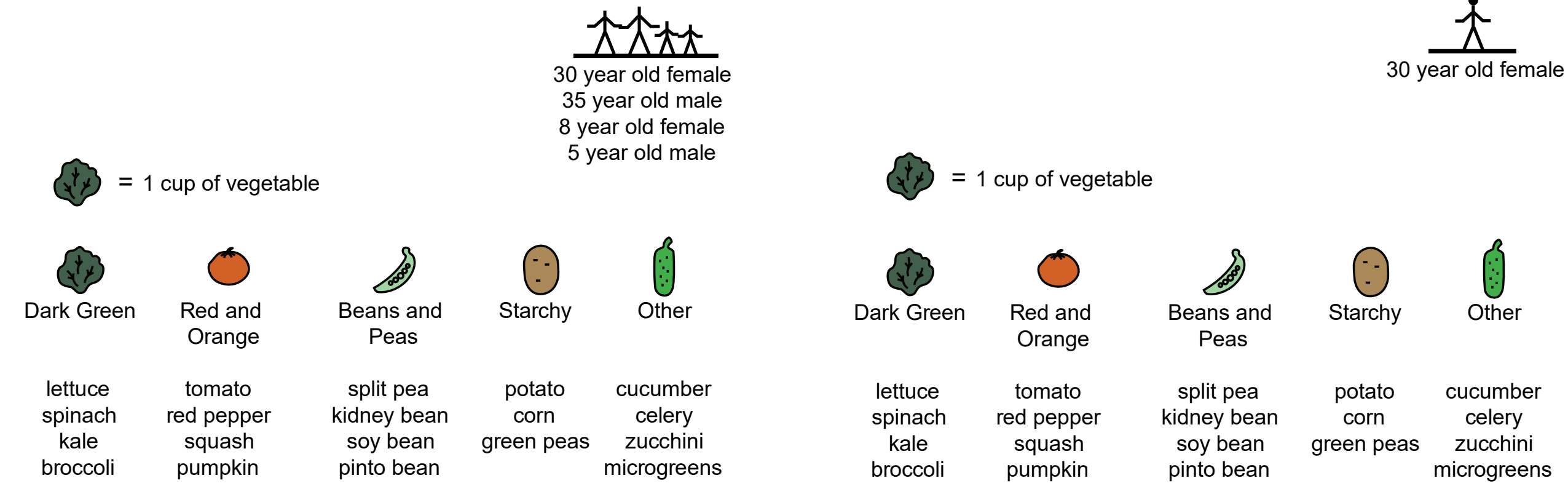
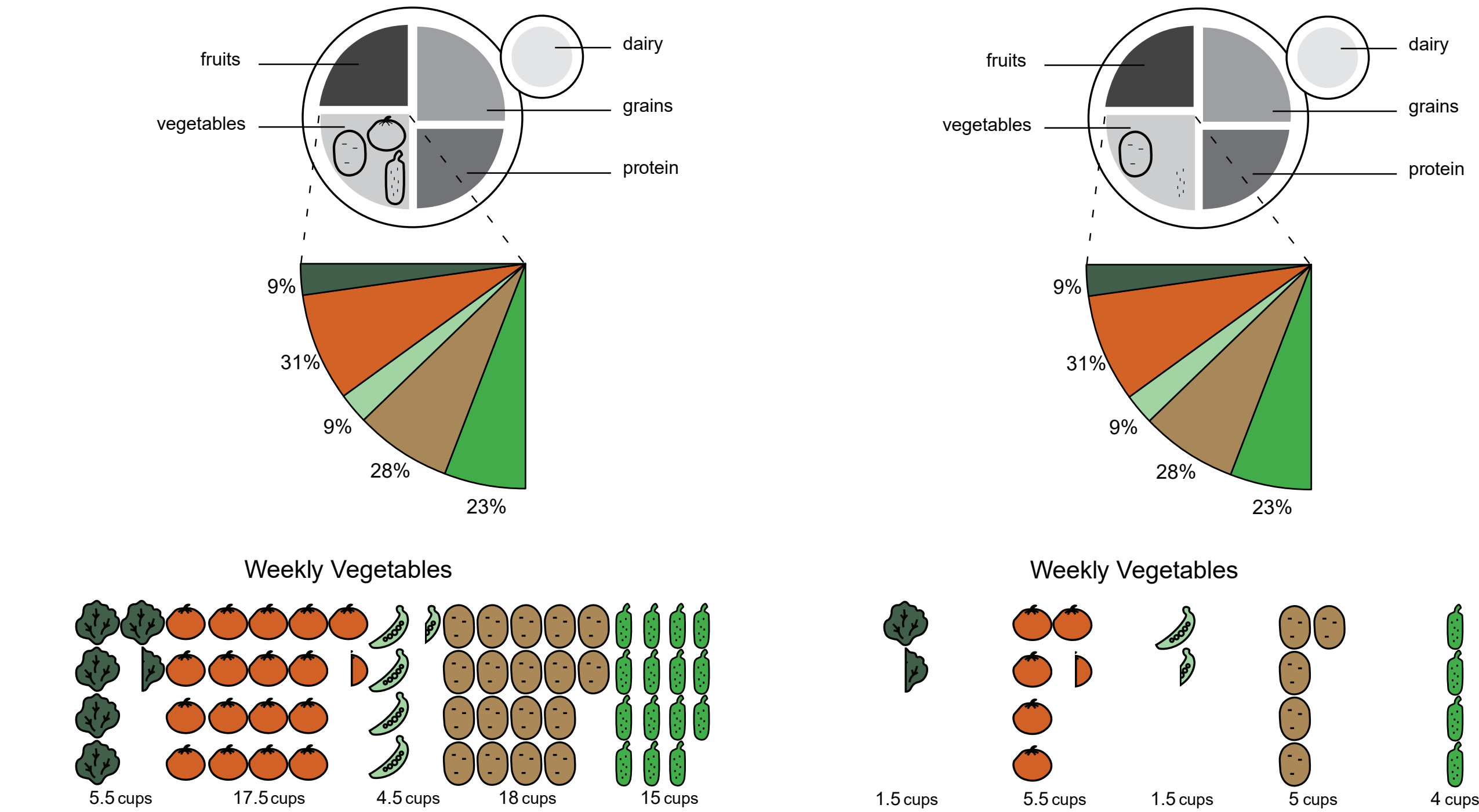
The amount of vegetables you need to eat depends on your age, sex, and level of physical activity. The USDA recommends that adults eat 2-3 cups of vegetables every day as part of a balanced diet.

Vegetable subgroup recommendations are given as amounts to eat WEEKLY. This family of four needs about, 50 cups of vegetables each week.

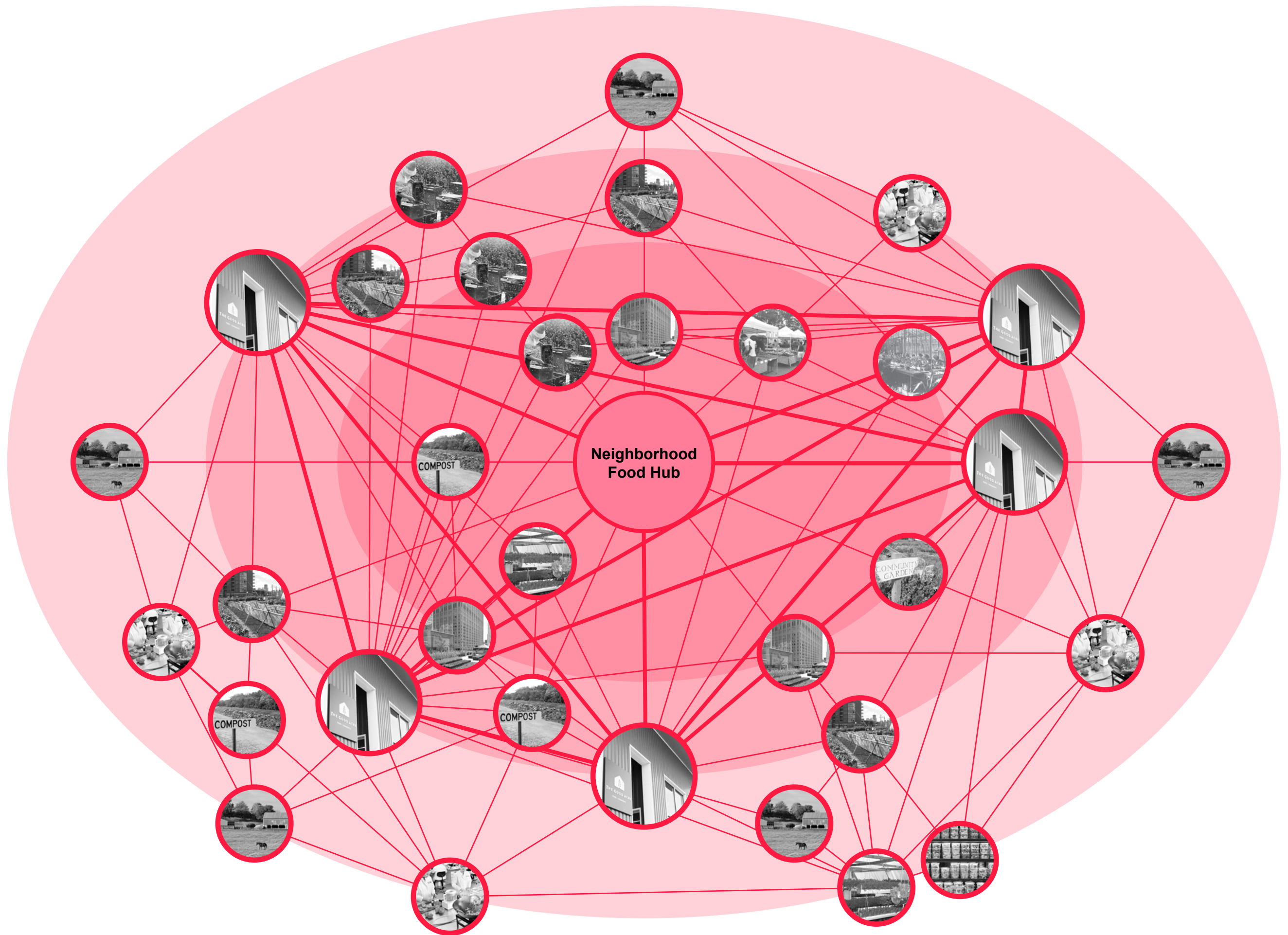
Individual Nutrition Need

The amount of vegetables you need to eat depends on your age, sex, and level of physical activity. The USDA recommends that adults eat 2-3 cups of vegetables every day as part of a balanced diet.

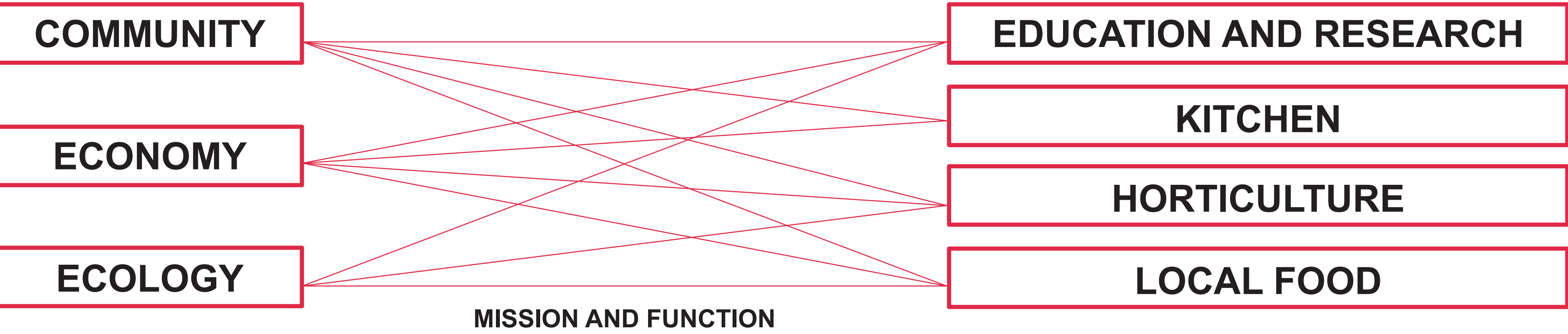
Vegetable subgroup recommendations are given as amounts to eat WEEKLY. A 30 year old female who is moderately active for less than 30 minutes a day should eat 18 cups of vegetables weekly.



MARKET INFOGRAPHICS



NEIGHBORHOOD FOOD HUB AND OTHER FACILITIES&GROUPS



**Victus Farms**  
Silver Bay, Minnesota  
<http://www.d.umn.edu/cscd/victusfarm/index.php>  
**Programming**

- Aquaponic food production
- Sustainable energy creation
- Educational center



**Nong Jia Le**  
Daxu ancient town, China  
<http://www.guilinholiday.com/blog-v1223-one-day-relaxing-nong-jia-le--at-daxu-ancient-town-and-maozhou-island>  
**Programming**

- Aquaponic food production and consumption
- Community kitchen
- Cultural events



**Lake Region Takes Root**  
Fergus Falls, Minnesota  
<http://www.lrhc.org/health-wellness-community-garden.aspx>  
**Programming**

- Access to healthy produce and sustainable gardening practices.
- Workshops/training sessions
- Recreational space for kids of the community



4 guiding principles of Project Sweetie Pie

- 1. Inform
- 2. Infuse
- 3. Inspire
- 4. Instruct

“Community run hub for full circle food production and healthy eating education.”



2018 SEARCH FOR SHELTER DESIGN CHARRETTE

Creating Affordable Design Solutions to Meet Minnesota's Housing Needs Since 1987

February 17, 2018  
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Project Sweetie Pie

Creating Affordable Design Solutions to Meet Minnesota's Housing Needs Since 1987

TEAM MEMBERS: ZWADE Augustine, Catherine Malmberg DANNENBRING, Jake BEAUDET, HUANG Junya, Kerrik WESSEL, Savannah STTEELE, YUAN Zheyang



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SEARCH FOR SHELTER  
CELEBRATING 30 YRS

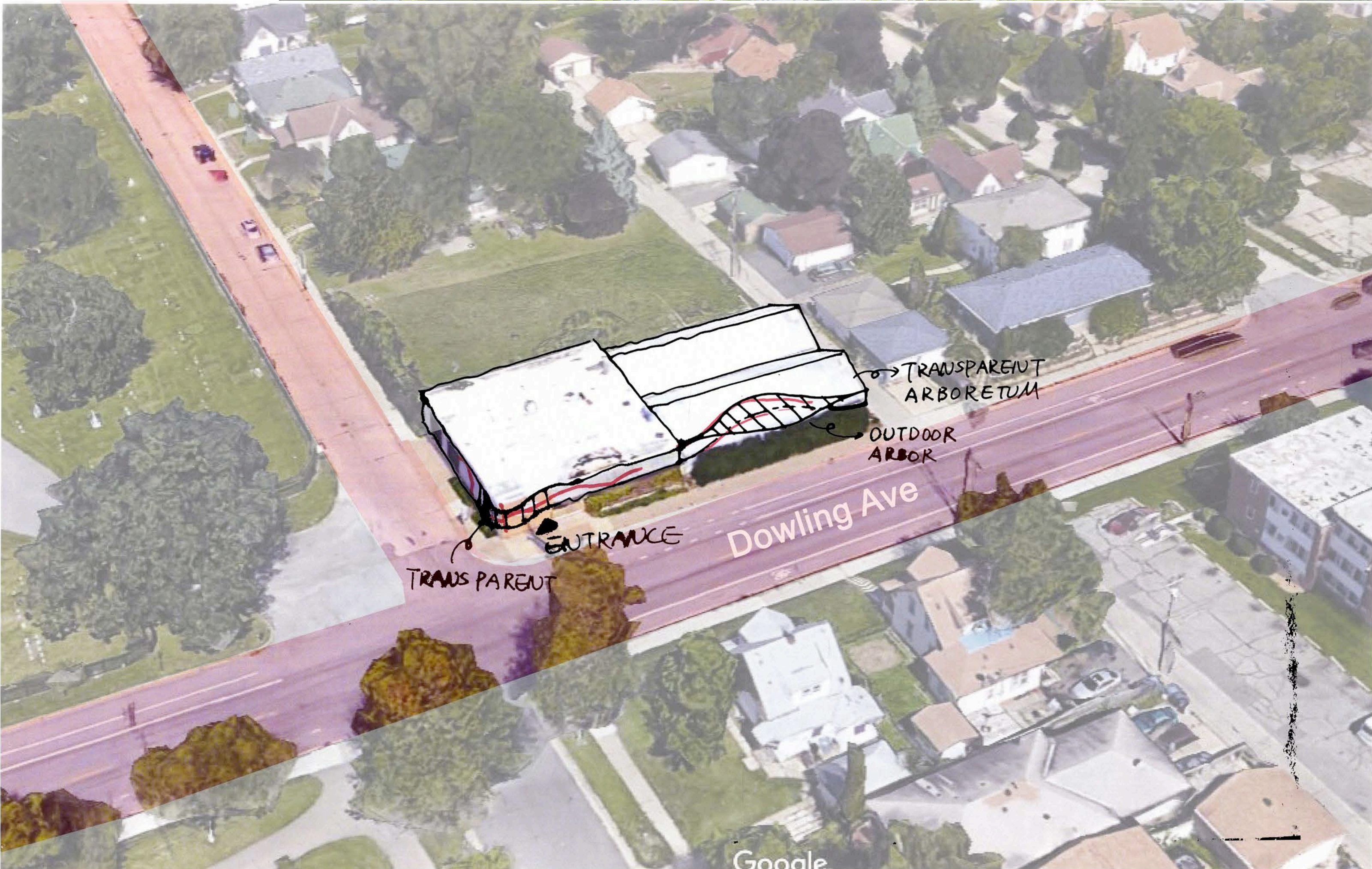


THE GREENHOUSE ON THE GREENWAY

Project Sweetie Pie's site at 3600 Humboldt Avenue features 8,000 sq. ft. of hydroponic green house, educational kitchen, food preparation, offices and outdoor living lounge. The hydroponic gardens support the immediate neighborhoods' food needs. At this site Project Sweetie Pie provides training and a place for the community to gather. The Greenhouse on the Greenway connects the region's food infrastructure via existing networks.

**PROGRAM**  
Experiential Greenhouse 275 sq. ft.  
Production Greenhouse 400 sq. ft.  
Community Gathering + Cafe + Coworking 2,500 sq. ft.  
Partner Program 200 sq. ft.  
Toilet Rooms 160 sq. ft.  
Educational Kitchen 800 sq. ft.  
Food Preparation + Storage + Delivery 1500 sq. ft.

The design language focuses lively colorful decoration on curved walls to encourage reuniting with processes of food production. An open floor plan in the cafe and community spaces allows for purposing of the cafe and community spaces to accommodate temporary uses and program changes over time. The experiential greenhouse curves into the building, drawing the neighborhood in. Within the resulting exterior dwelling space, a trellis supports edible plants, which contributes shade and sustenance to the community.



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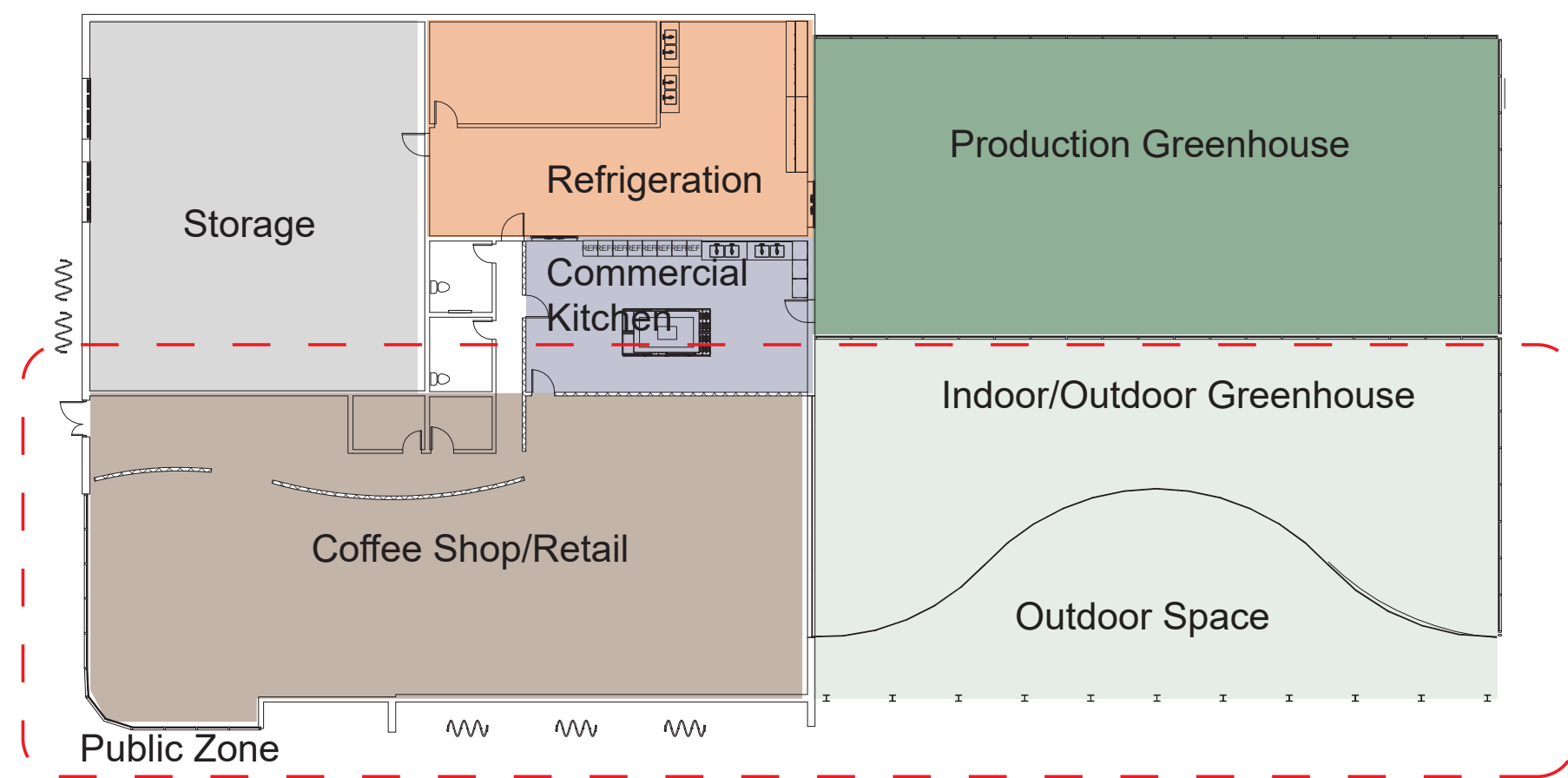


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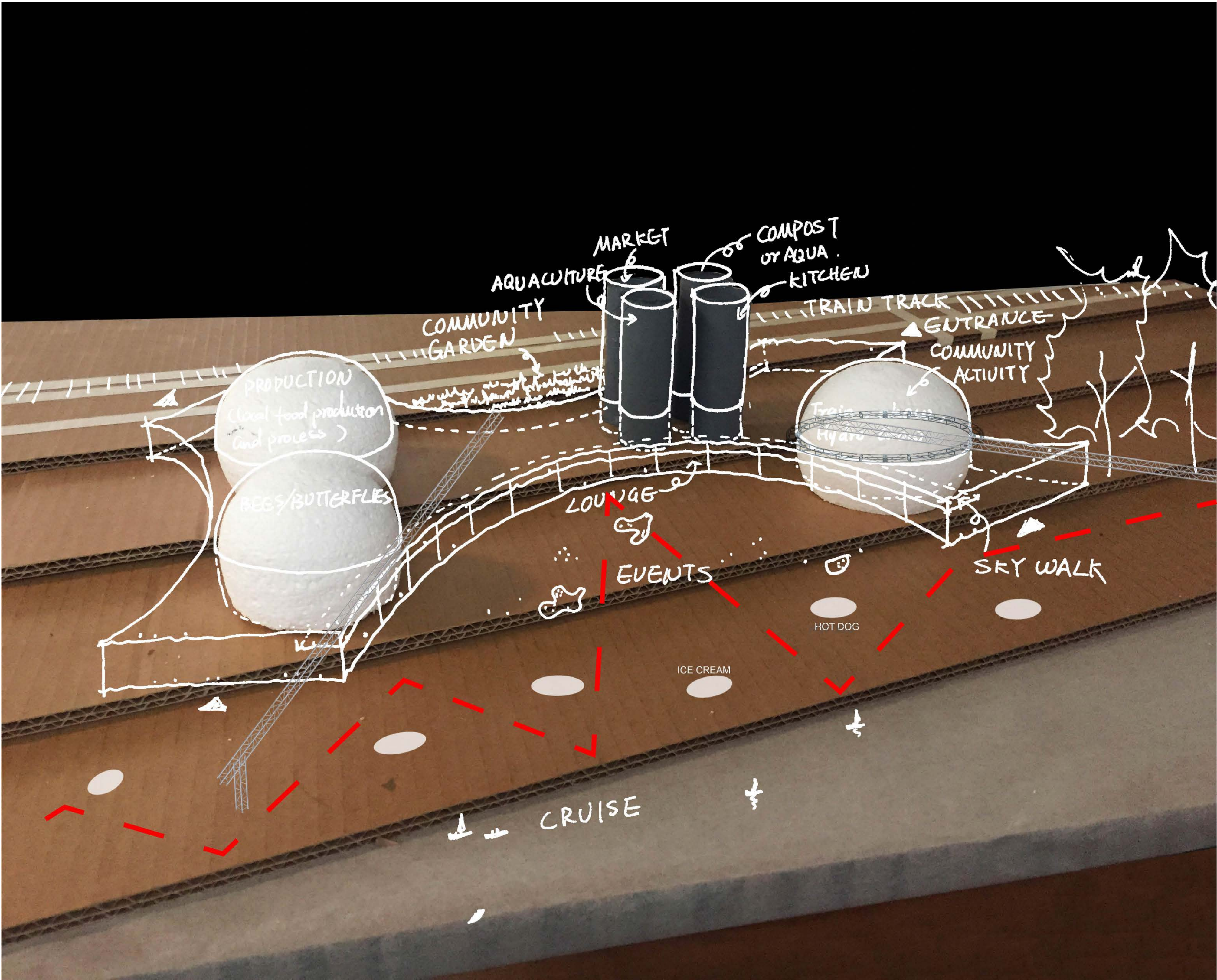
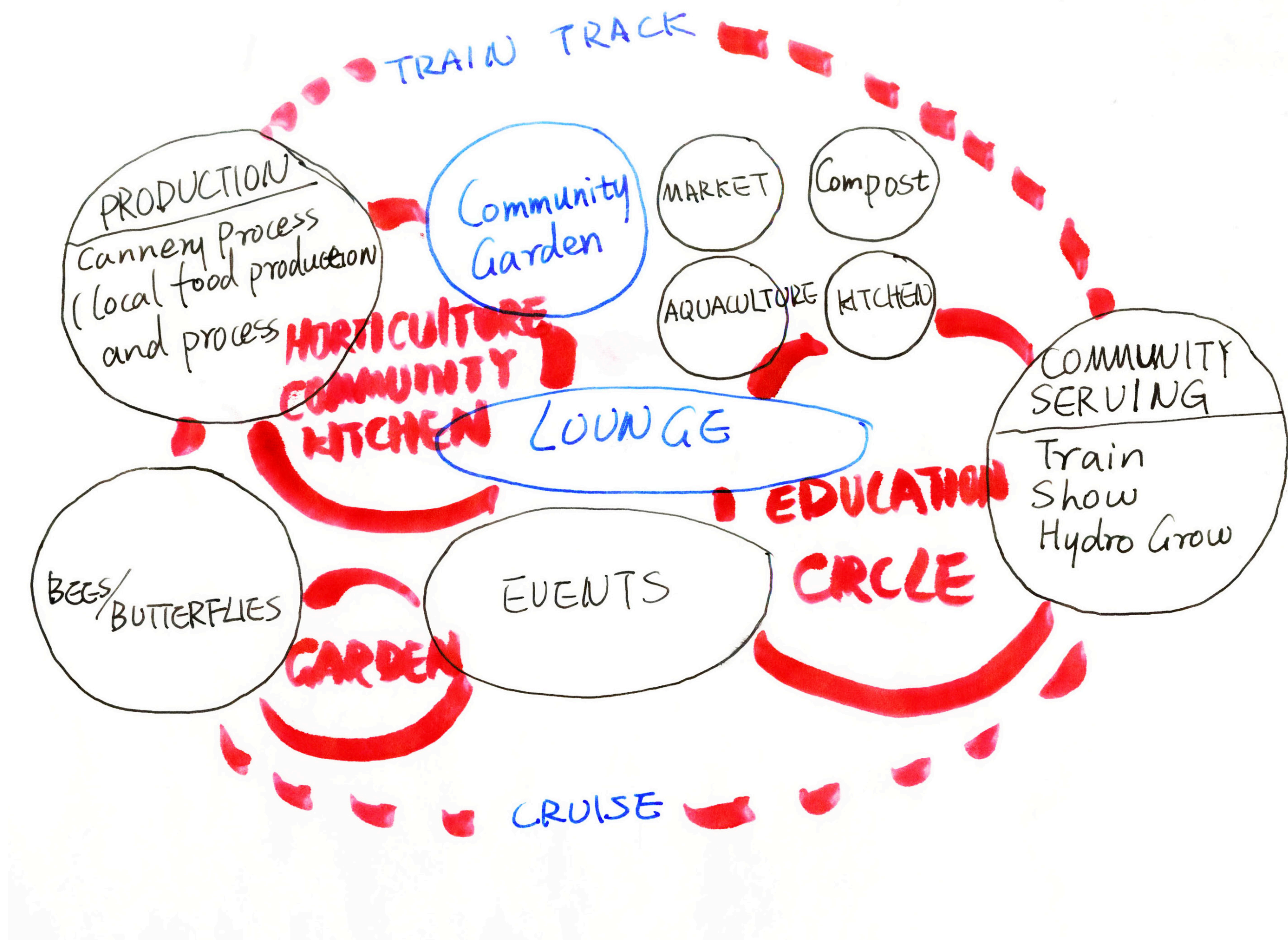
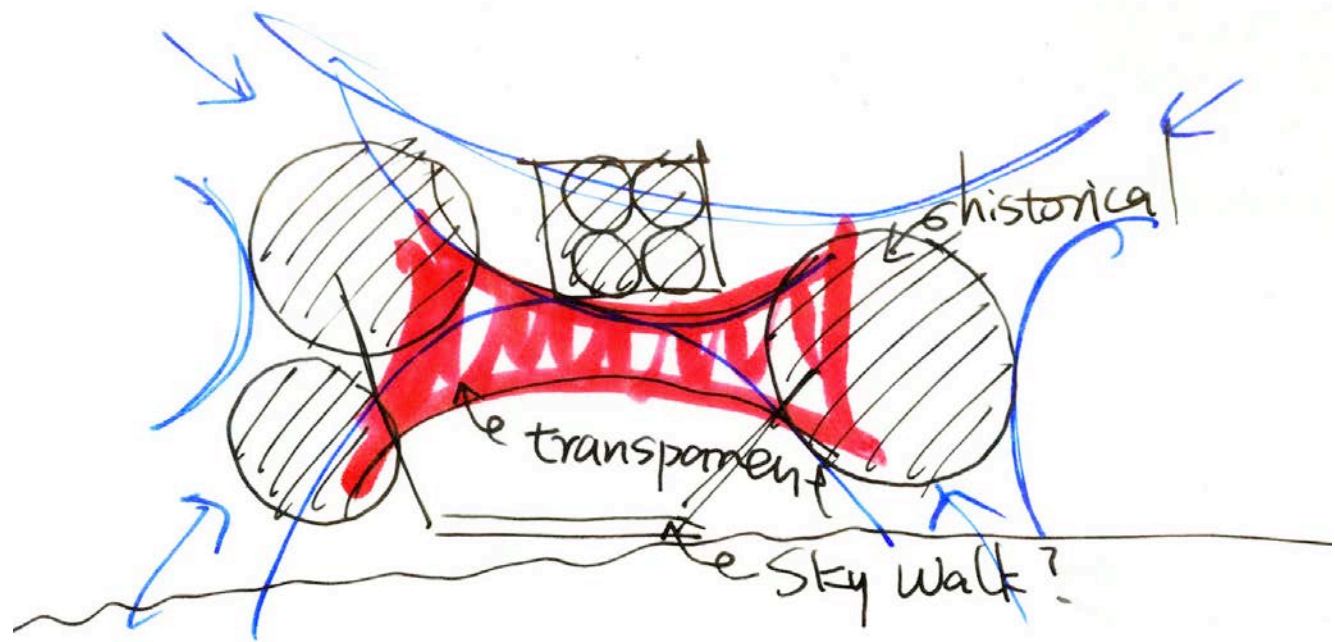
SEARCH FOR SHELTER  
CELEBRATING **30** YRS



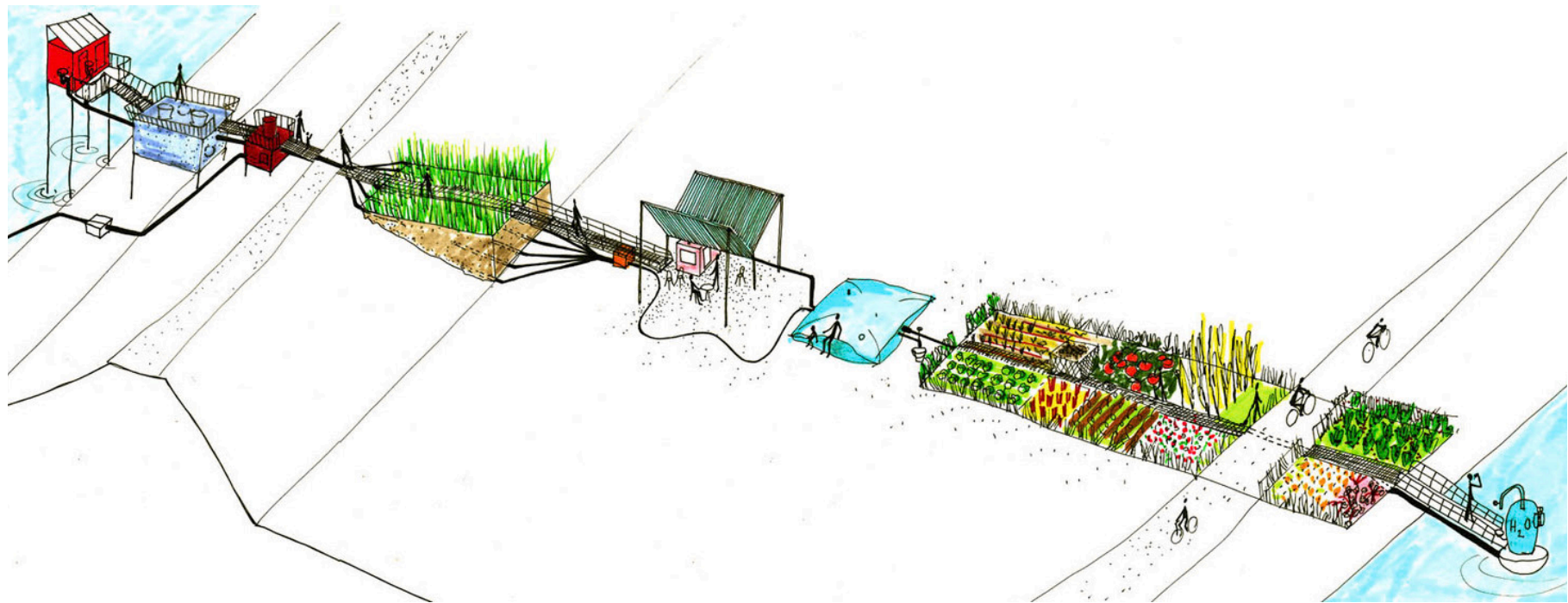
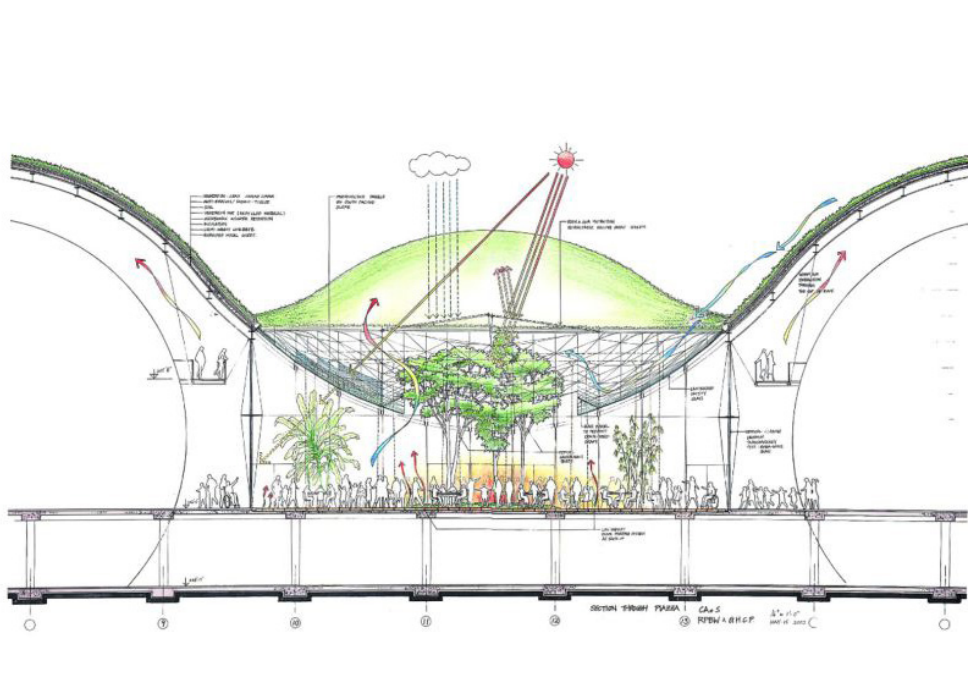
GATHERING AND REUNION  
A new and open attitude to the city

The main program elements of Gather North are represented in the diagrams below. The concept for this site is to reconnect the community to the natural world and to each other via food and water. By clustering the main program elements together on this site, reusing the existing domes, and linking the renovated and new structures we provide an armature to enable both the gathering of food and the gathering of people into community.

The plan for the site and buildings is based on the concept of *reunion* as well as gathering: Reuniting the residents of North Minneapolis with the Mississippi River and with the means of producing food, as well with one another and the larger web of food production and the natural world. We gather all of the social and physical needs of Project Sweetie Pie and celebrate a new iconic vision for the community.



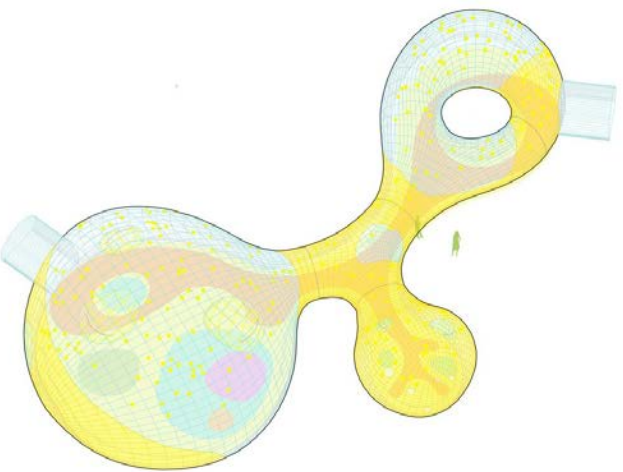
DOME SHAPE RENOVATION



DISTRICT ECO SYSTEM



TEMPORARY INSTALLATION



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