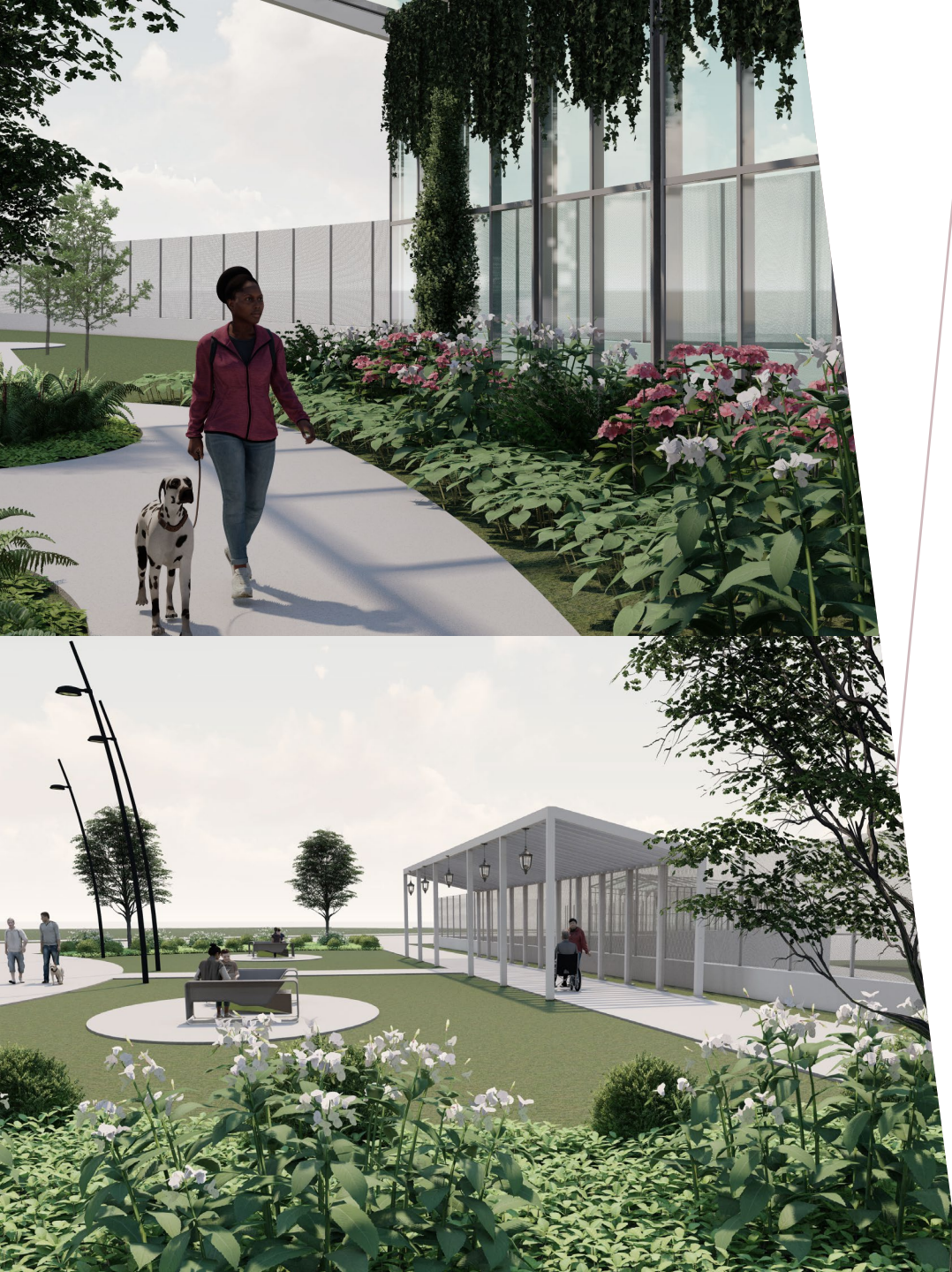


WASTED SPACE
REIMAGINING AND
REPURPOSING SPACES

Alixandra Hermanson





INTRODUCTION

Through the re-purposing of unused space, a new identity may be created through pedestrian usage influencing building and site design. This project addresses the possibilities of reconsidering the use of marginalized sites to create connection, increase safety, give access to usable green space, provide community platforms, and increase density. By designing with these elements in mind as well as programming opportunities for community members, a once wasted space is given renewed purpose and value.

Thesis Research

WASTED SPACE



WASTED SPACE

Characteristics

- Negative local identity
- Loss of functionality
- Unusable physically



Reason

- Prior zoning codes creating urban sprawl
- Site usage options
- Non-local ownership affecting physical connections

Examples

- Waterfronts
- Train Yards
- Industrial Complexes



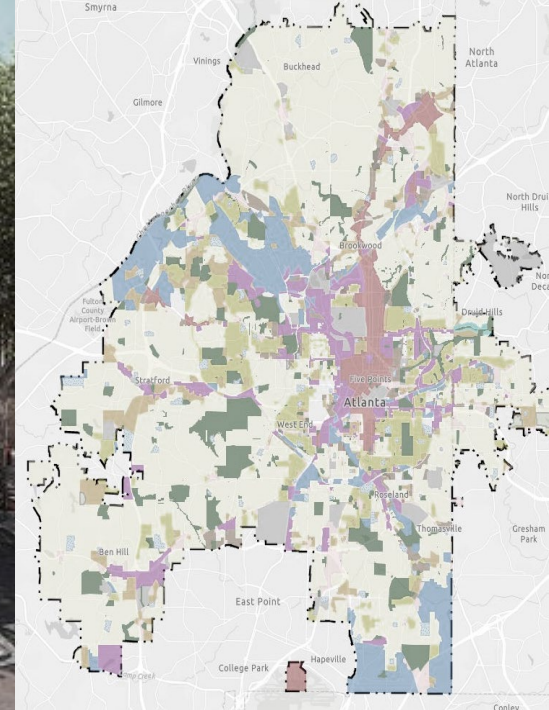
SOLUTIONS

Create urban connections

Lighten zoning codes

Encourage community involvement

Enhance patterns of public space usage



Site Analysis

ATLANTA, GA



ATLANTA, GA

Loss of usable land for development

- 37.7 M acres in GA with 4.6 M acres for urban use

Densely populated 133.15 miles² of city

- 1370 persons per mile²

High poverty rate

- 20.8% among residents

Loss of green space to development

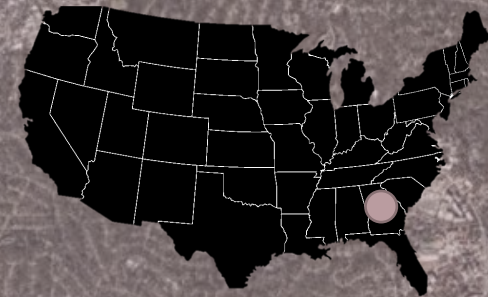
- 38% lost in past 30 years

Effects of green space deficiency

- Heat island effect causing ozone pollution
- Air quality issues
- Water quality issues
- Physical, mental, and emotional toll to community



ATLANTA, GA



Blandtown

Midtown

Druid Hills

Old Fourth
Ward

Downtown
Atlanta

West End

East Atlanta

Venetian Hills

South Atlanta



University System
Of Georgia

South Parking
Deck

Capitol Avenue
Northeast Parking

Memorial Drive

Capitol Avenue
Southwest Parking

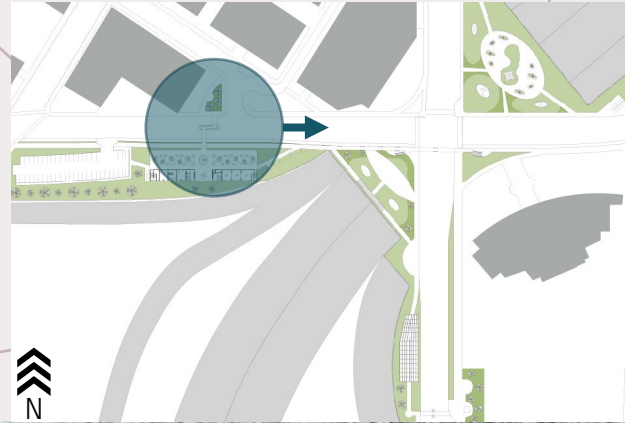
Judicial Complex

Downtown
Connector Freeway

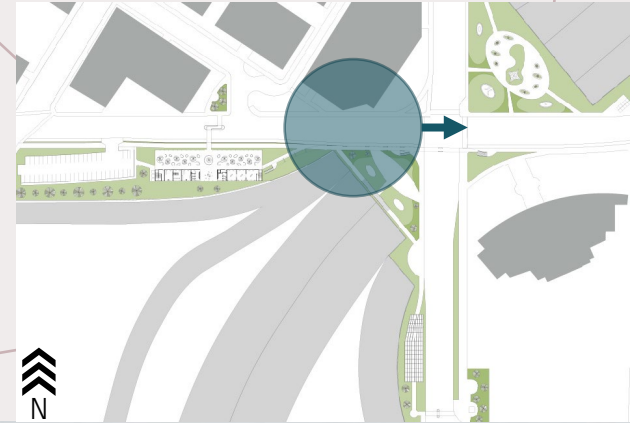
Capitol Avenue



EXISTING SITE CONDITION



EXISTING SITE CONDITION

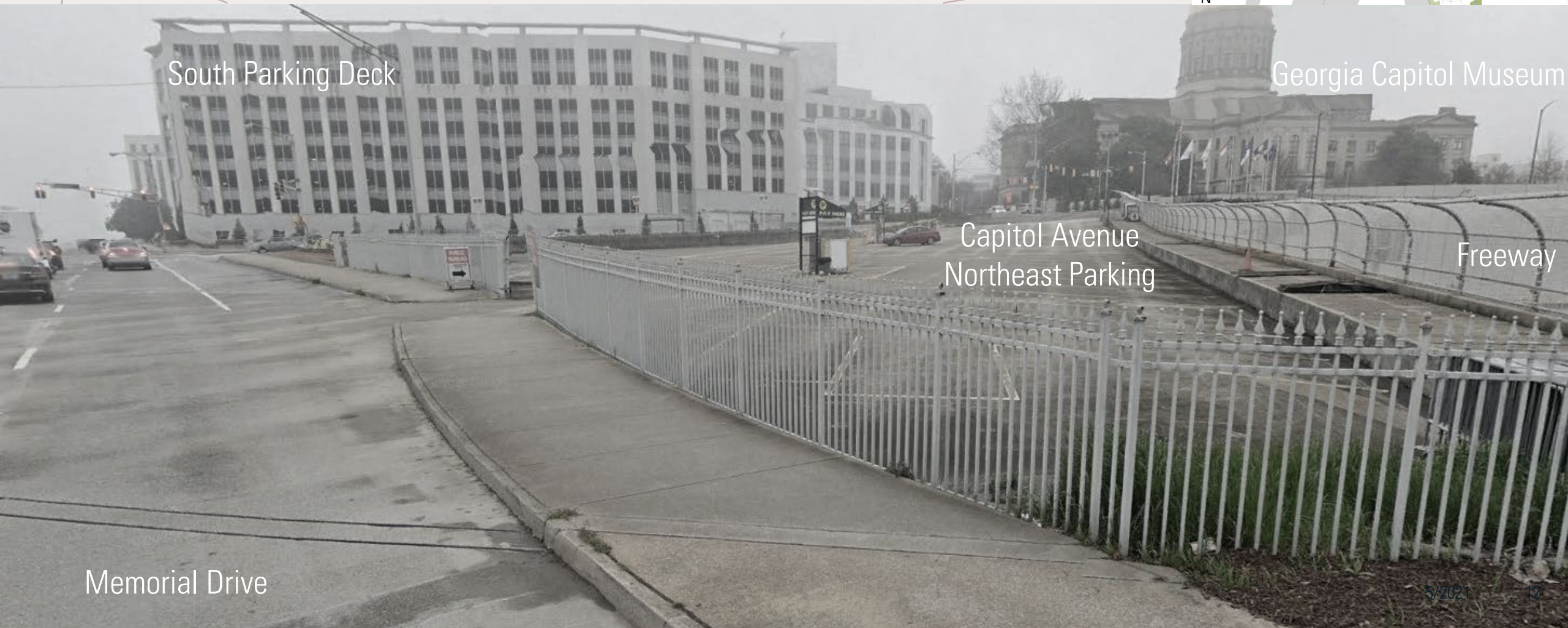


Memorial Drive

Capitol Avenue
Southwest Parking

Freeway

EXISTING SITE CONDITION



South Parking Deck

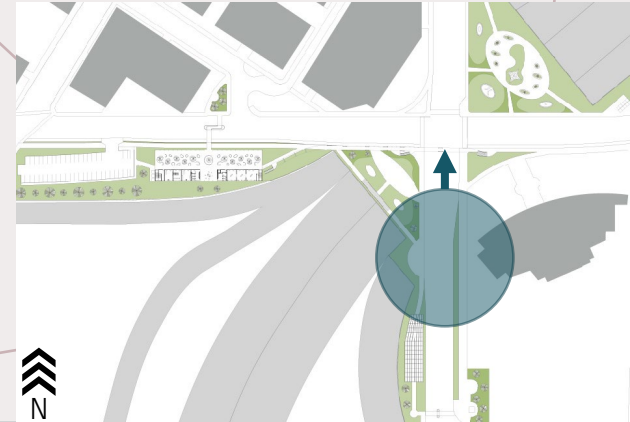
Georgia Capitol Museum

Capitol Avenue
Northeast Parking

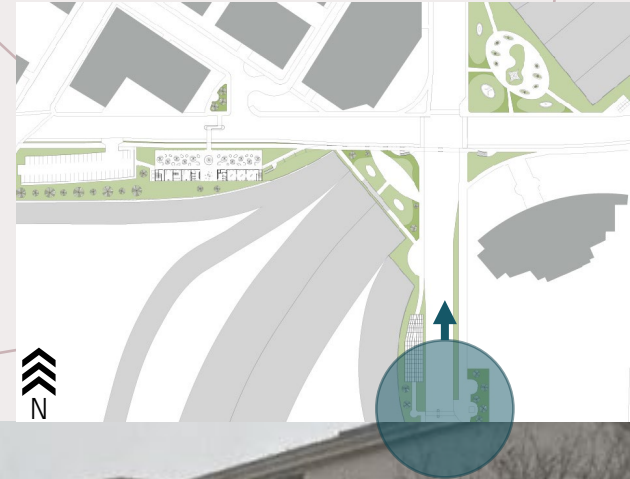
Freeway

Memorial Drive

EXISTING SITE CONDITION



EXISTING SITE CONDITION

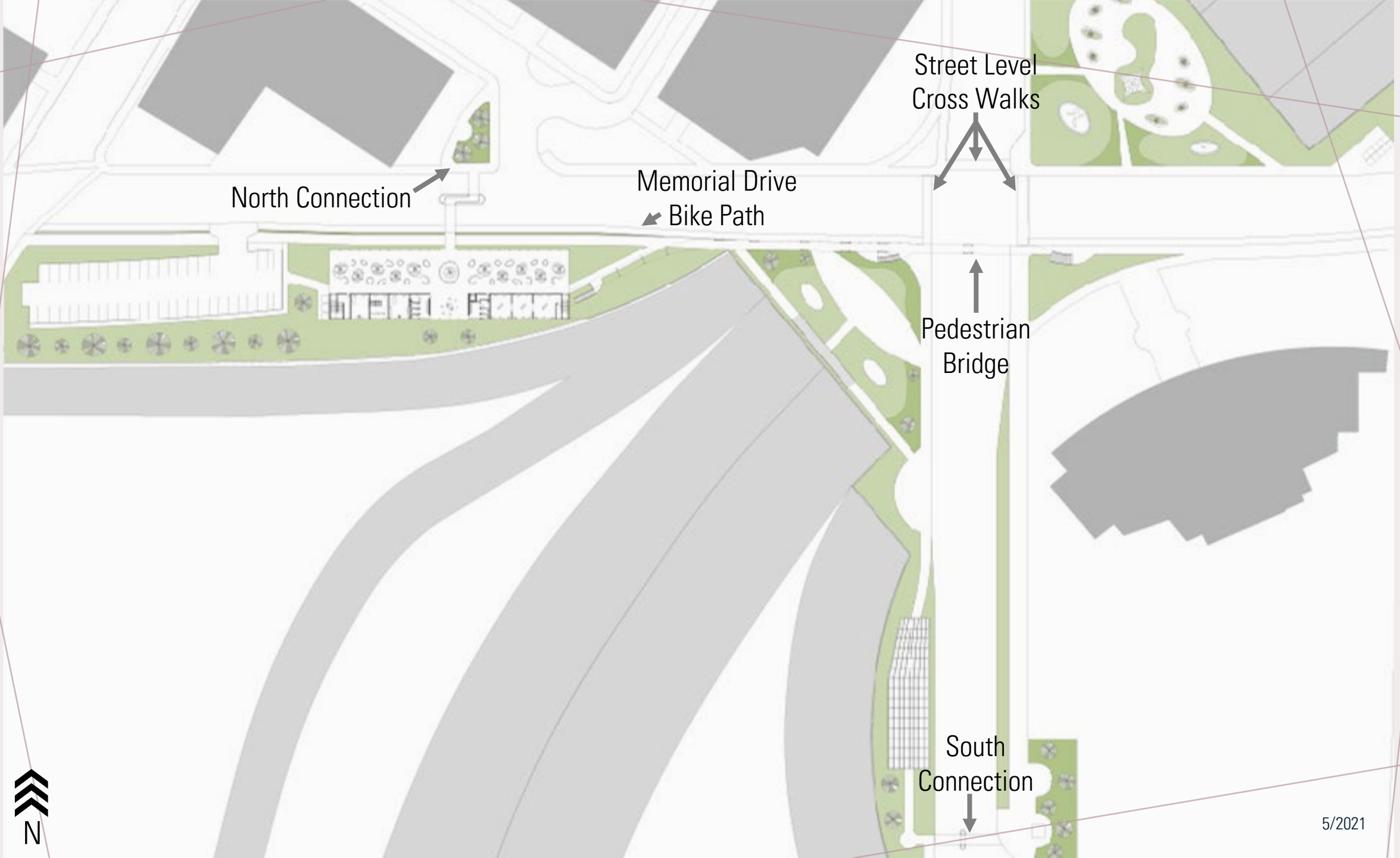


Site Design

ATLANTA, GA







North Connection

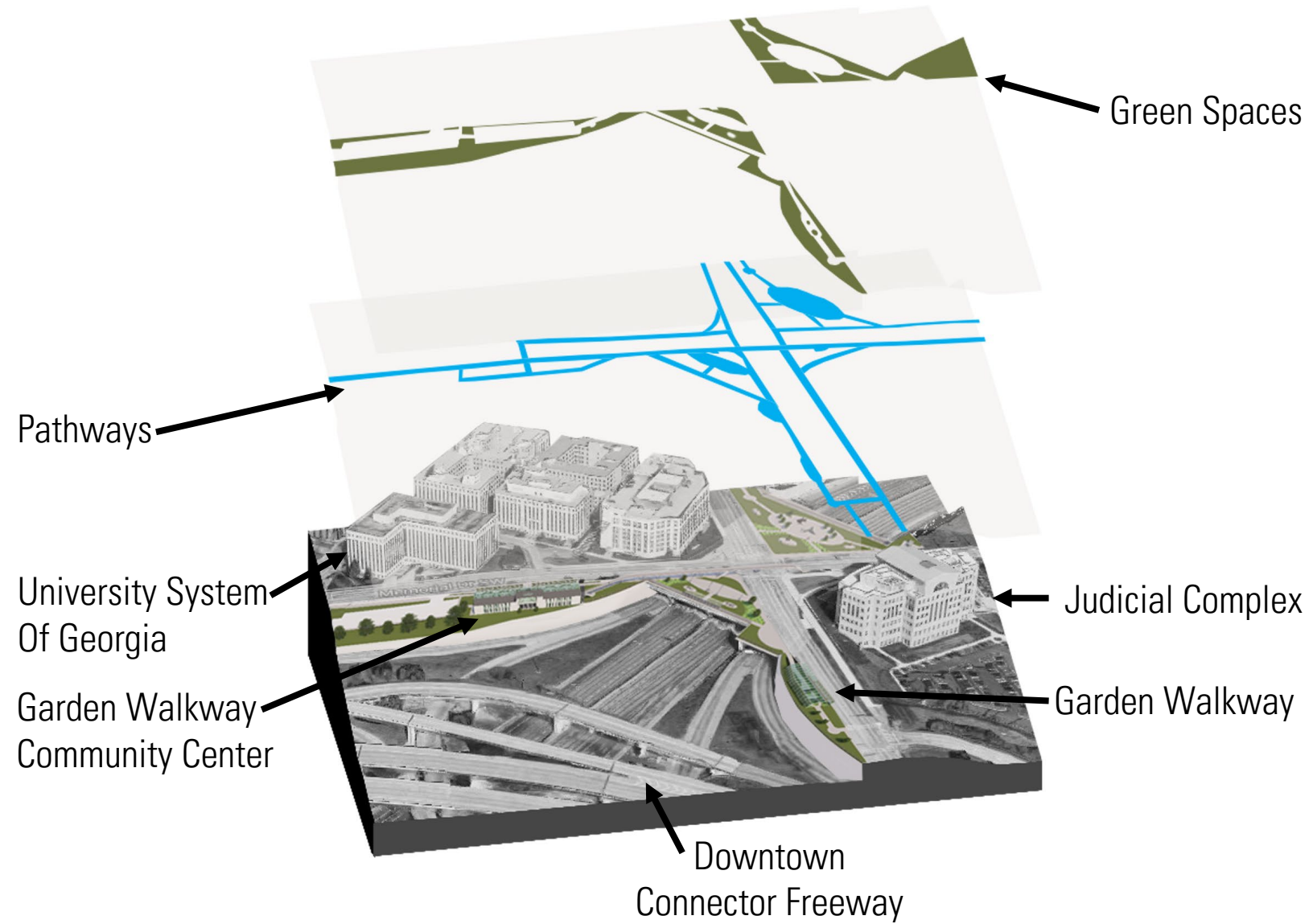
Memorial Drive
Bike Path

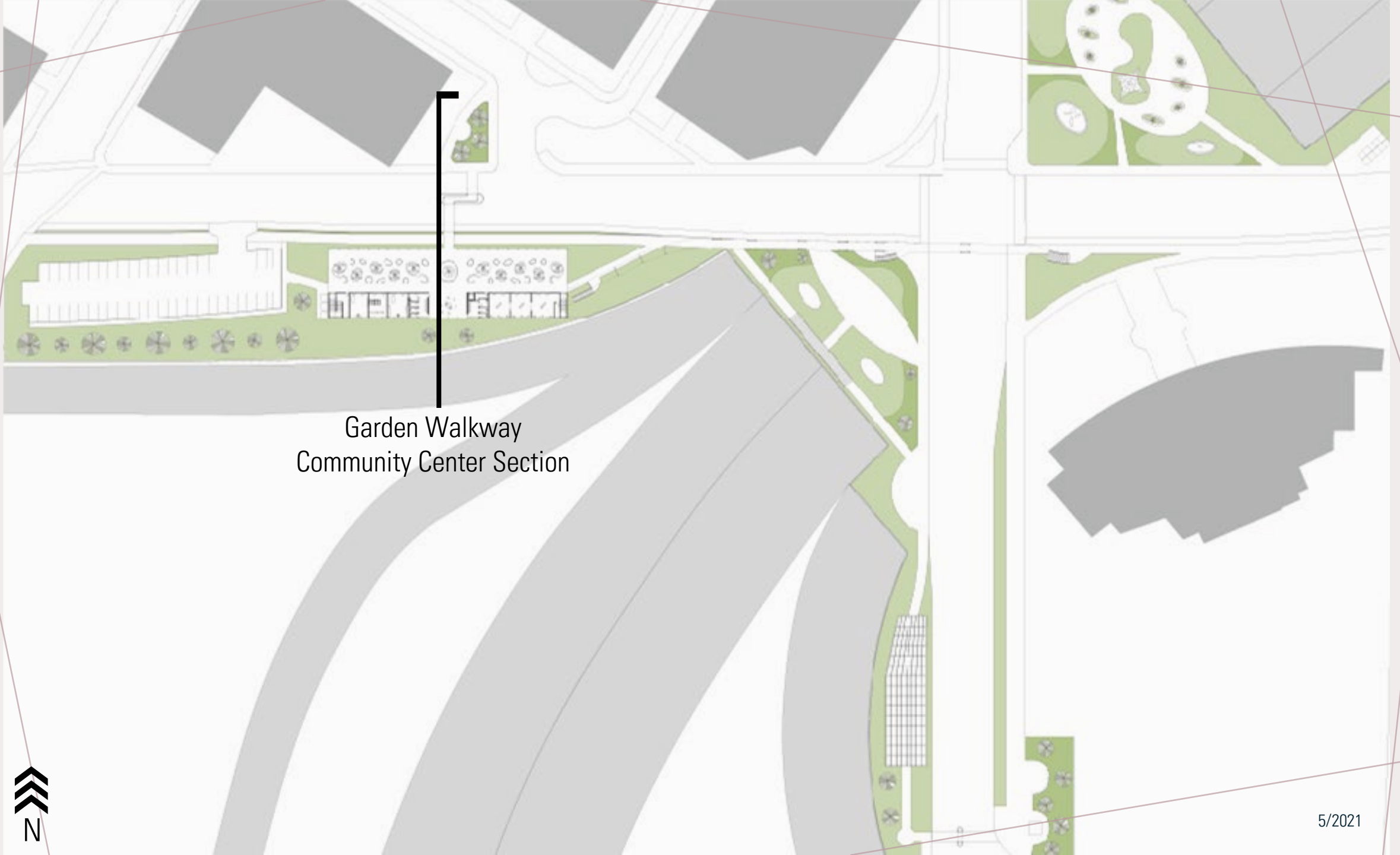
Street Level
Cross Walks

Pedestrian
Bridge

South
Connection







Garden Walkway
Community Center Section

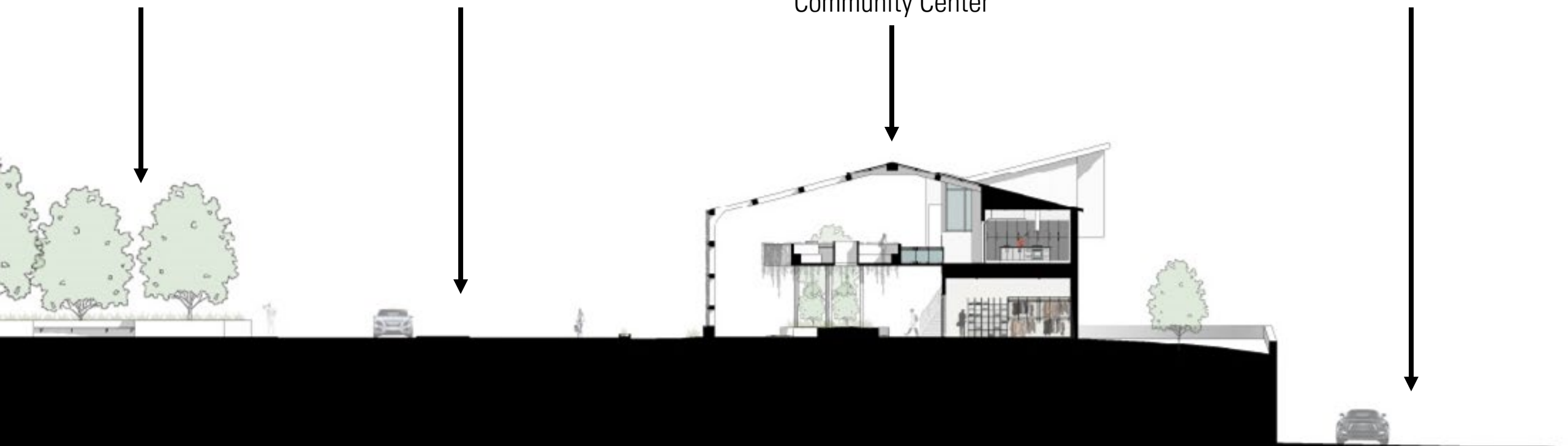


North Connection

Memorial Drive

Garden Walkway
Community Center

Freeway



GARDEN WALKWAY COMMUNITY CENTER



Memorial Drive 2-Way Bike Path

Pedestrian Pathway

First Floor Spaces

- Garden Walk and Seating
- Market Room

Second Floor Spaces

- Floating Garden Walk and Seating
- Greenhouse Kitchen

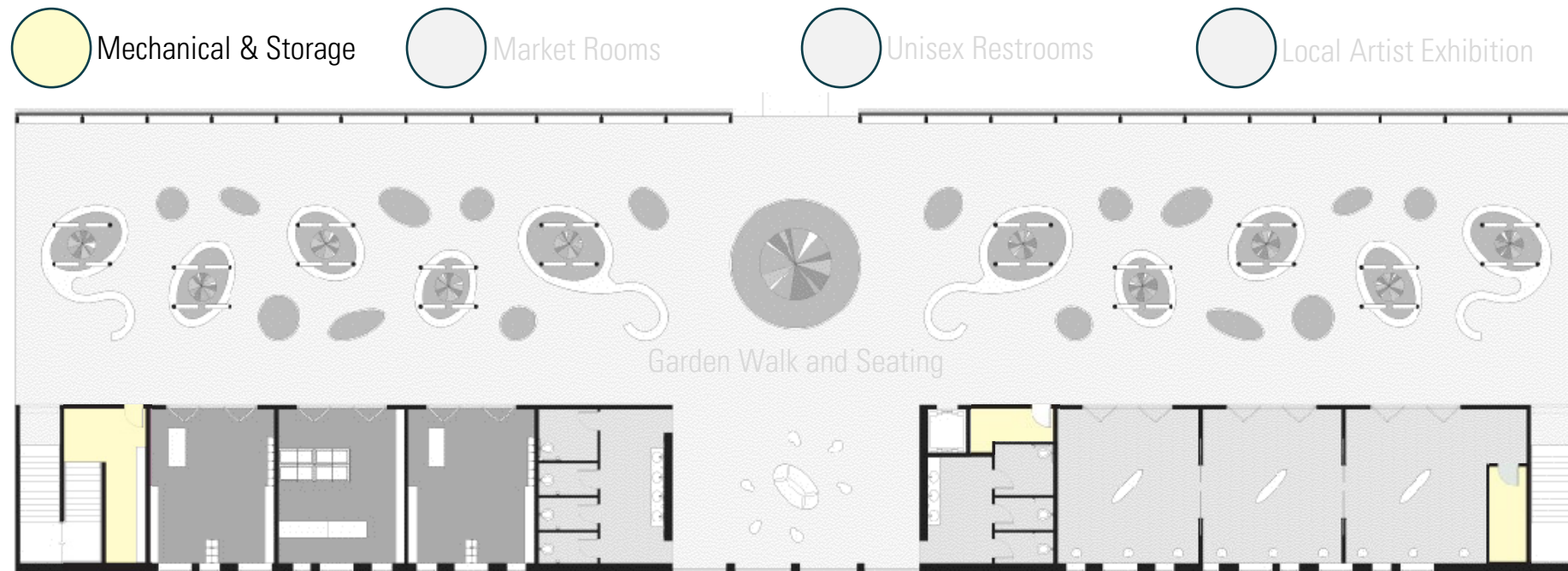
Garden Walkway
Community Center



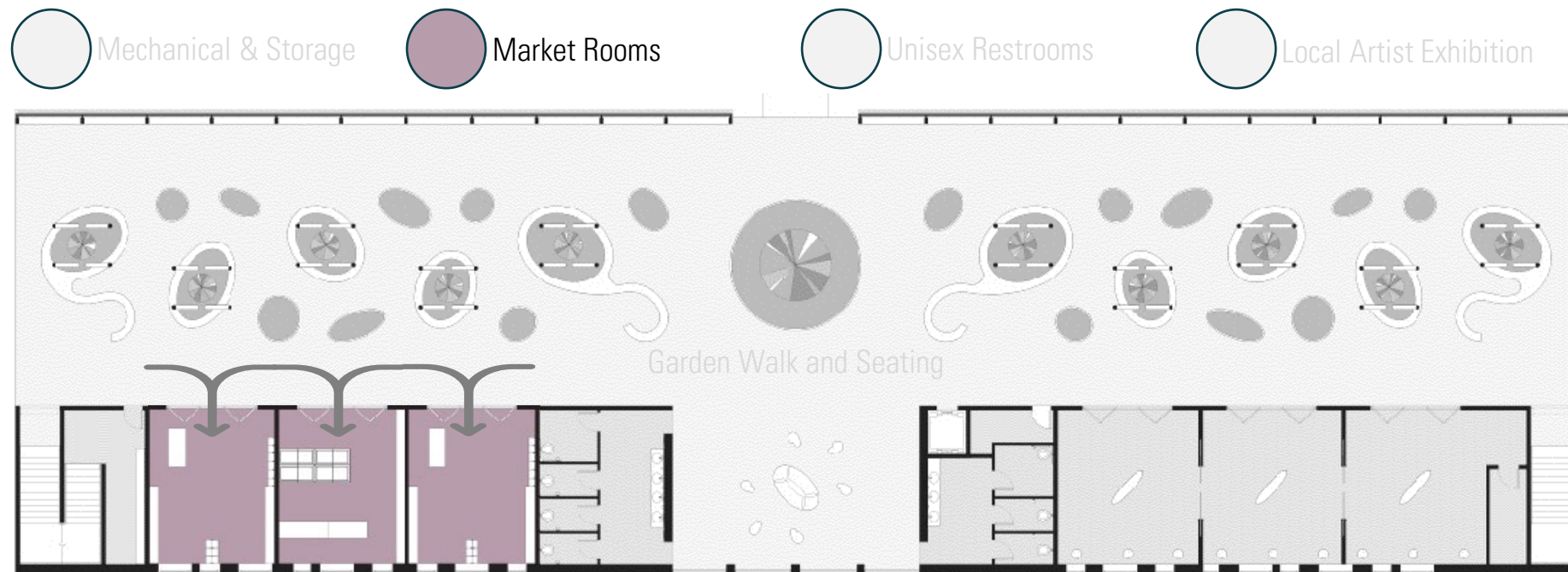
GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR



GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR



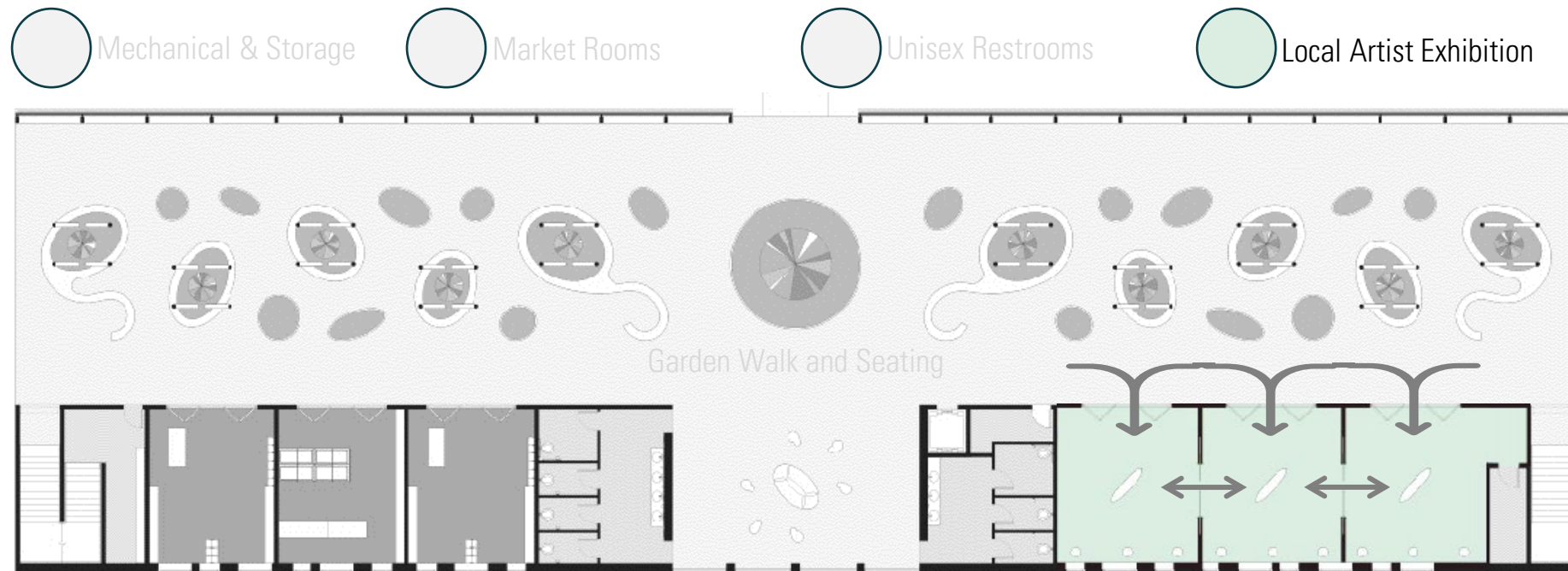
GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR



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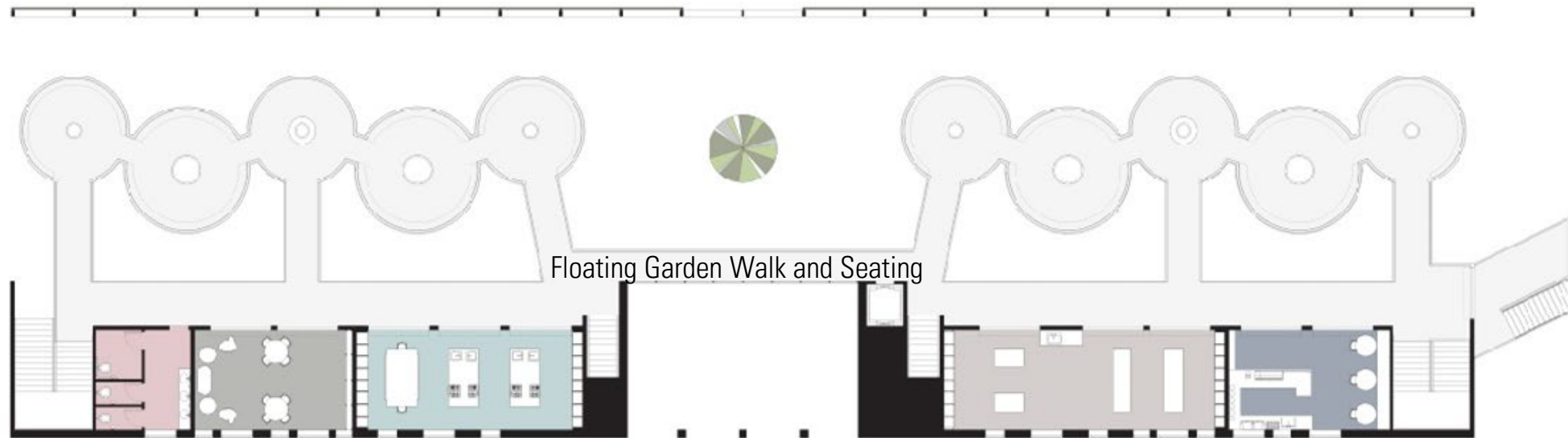
GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR



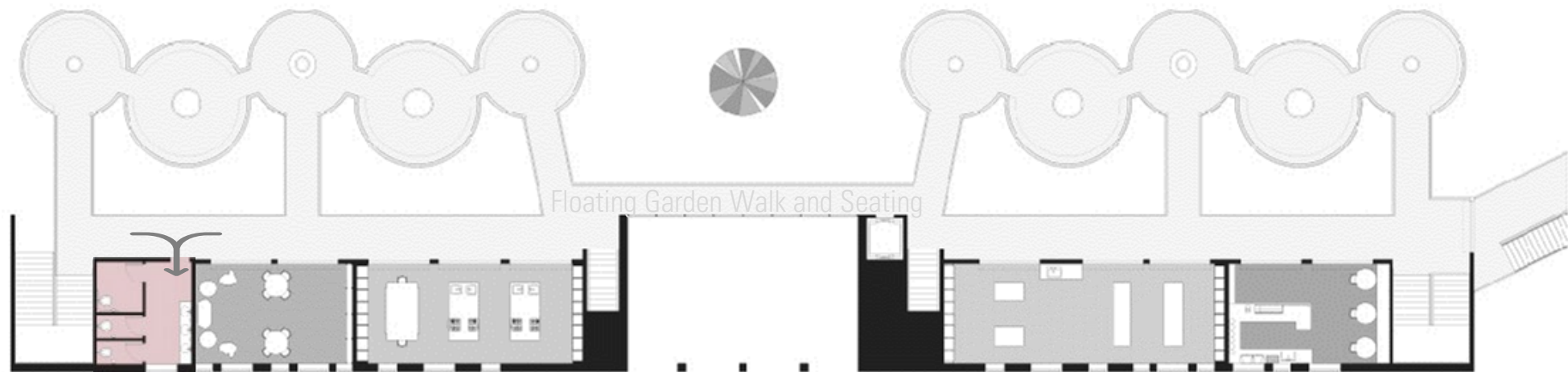
GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR



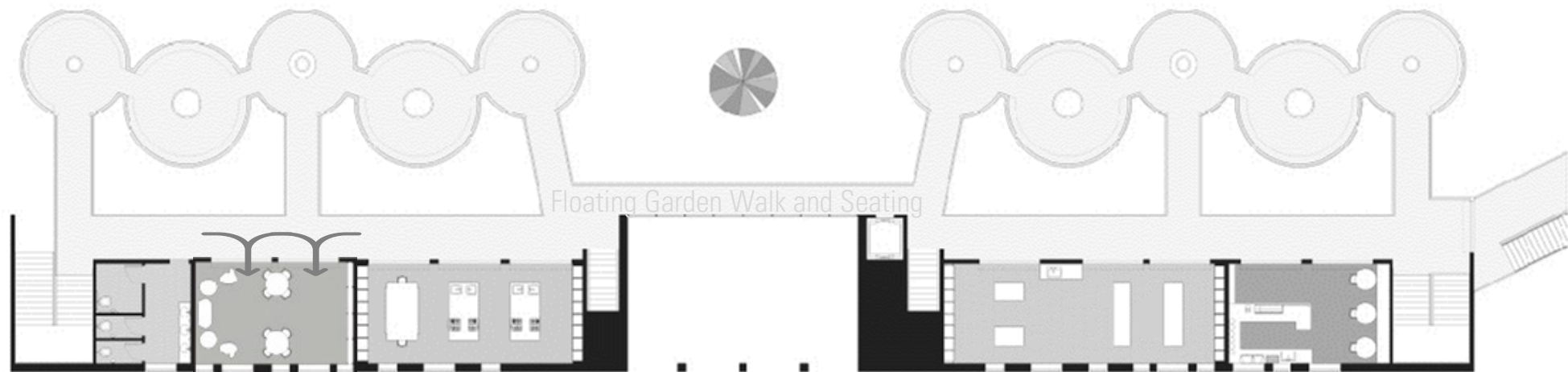
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



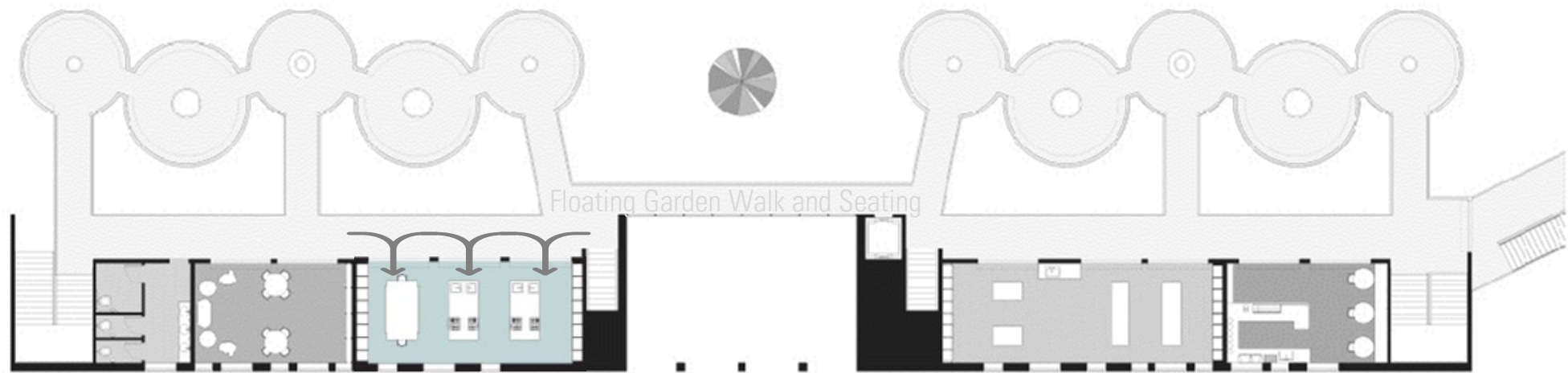
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



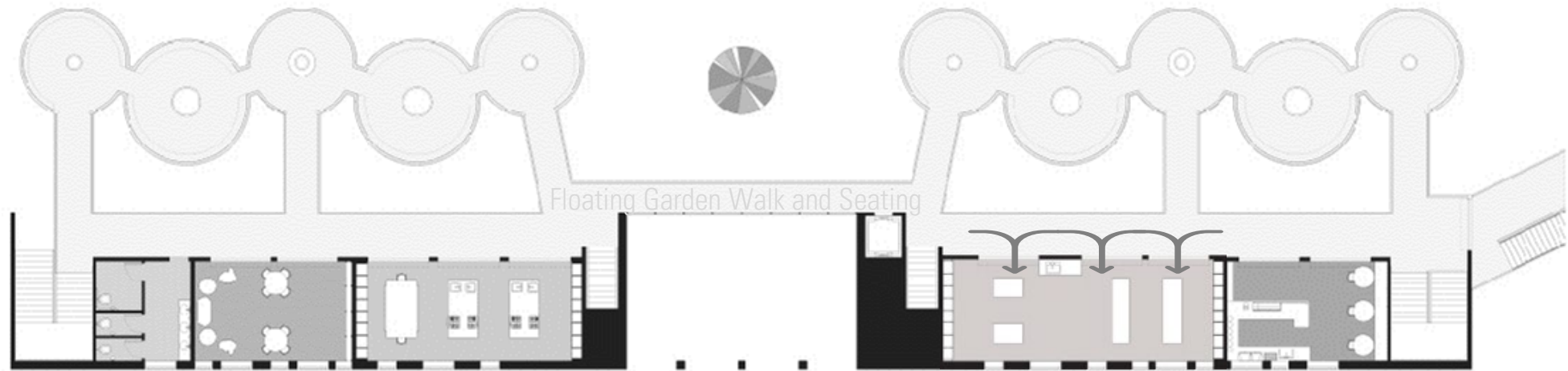
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



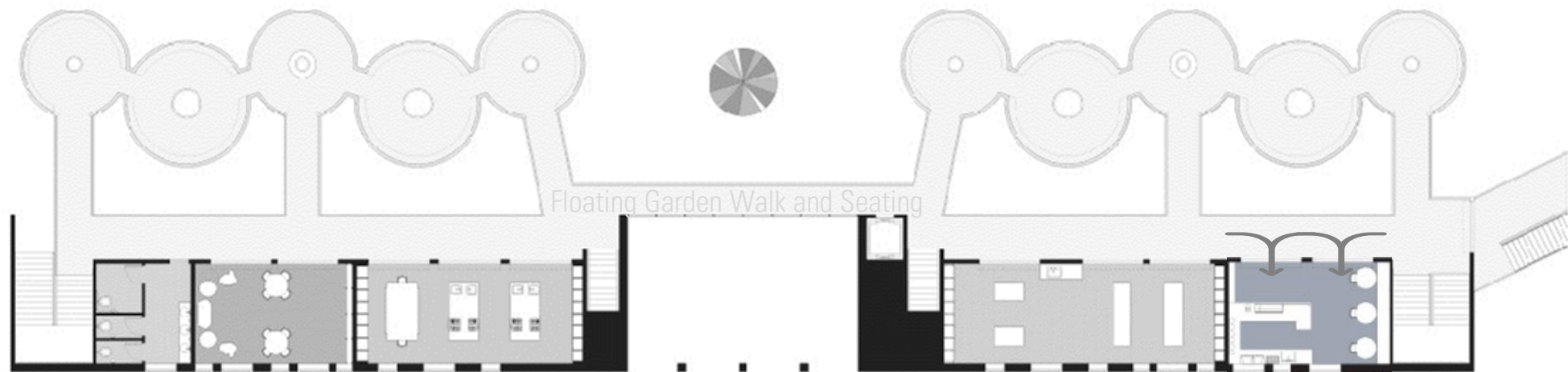
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



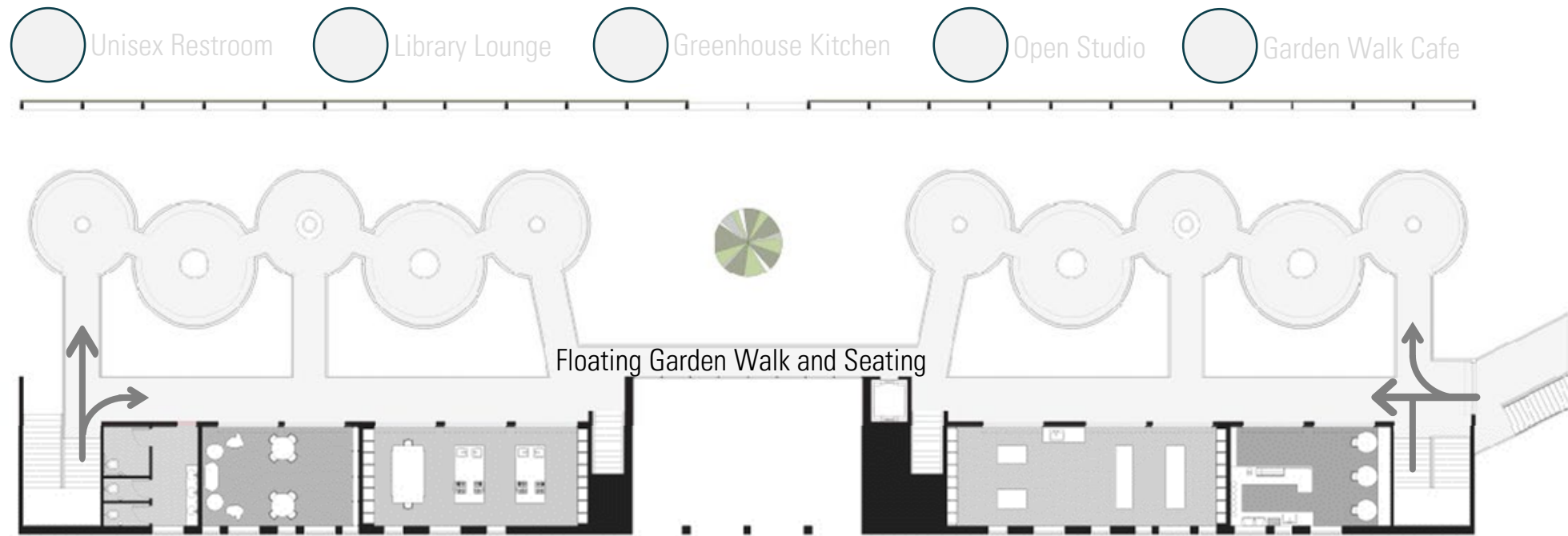
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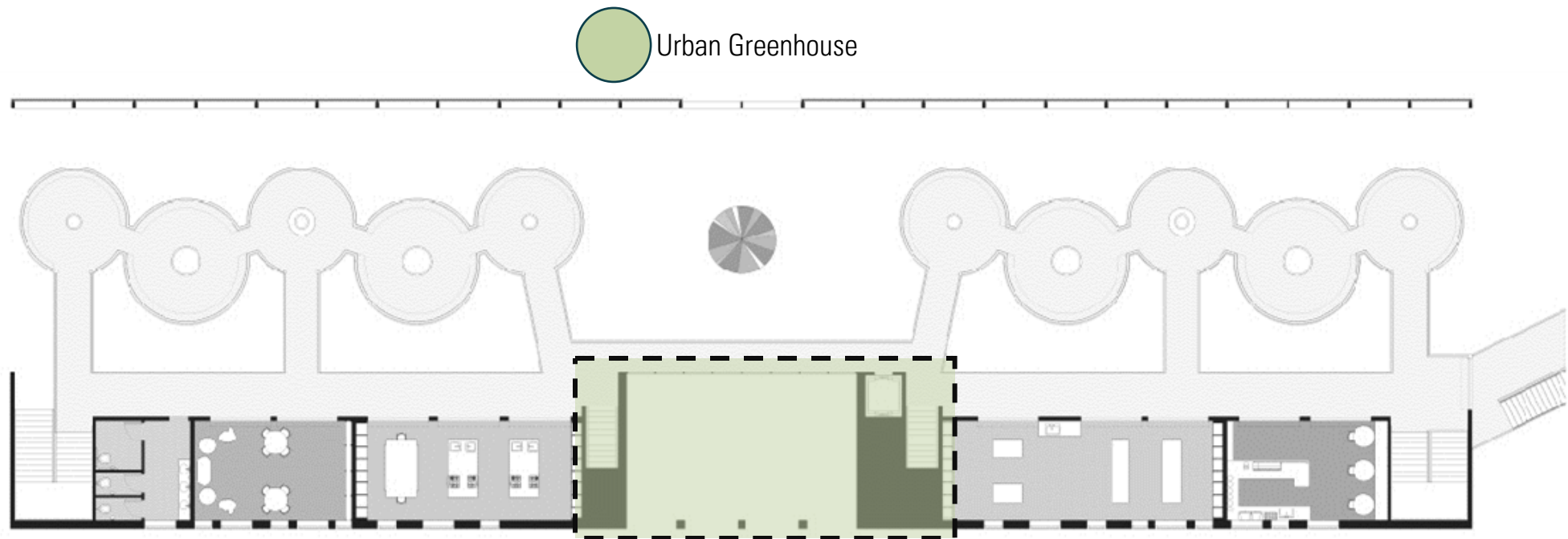
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



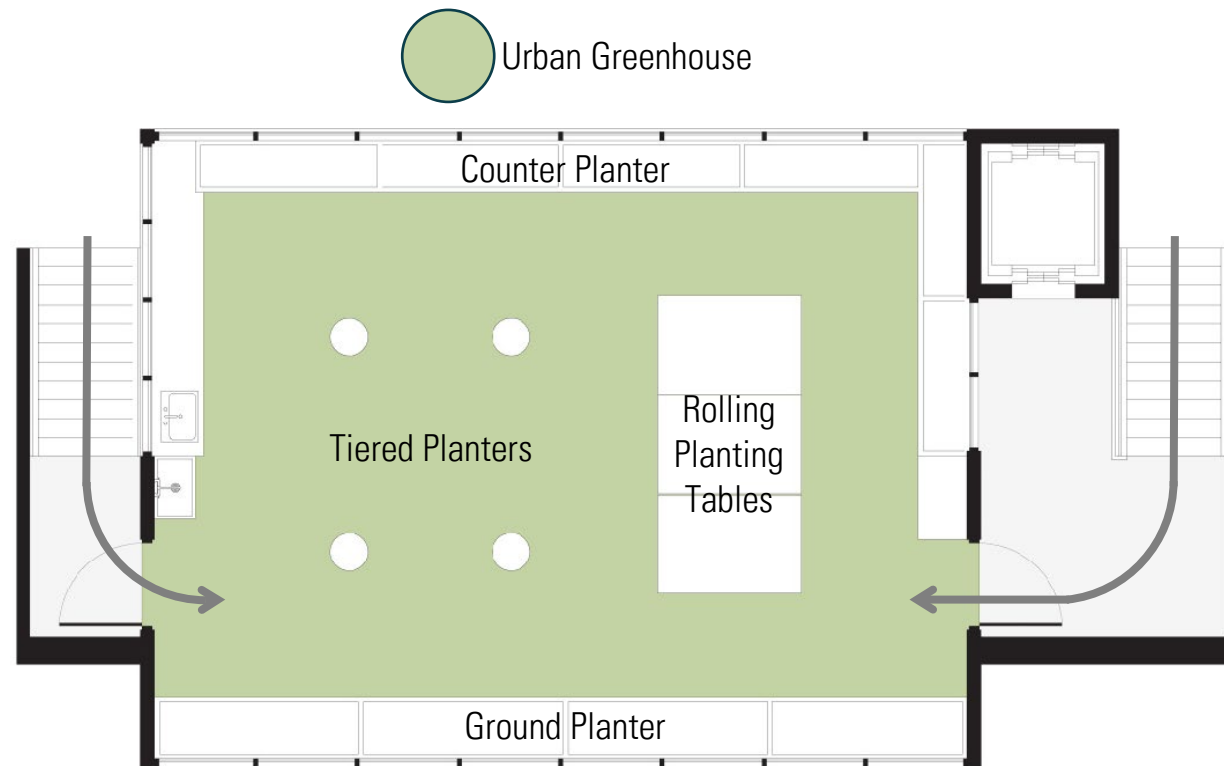
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR



GARDEN WALKWAY COMMUNITY CENTER – RAISED SECOND FLOOR



GARDEN WALKWAY COMMUNITY CENTER – RAISED SECOND FLOOR



GARDEN WALKWAY COMMUNITY CENTER – DETAILS



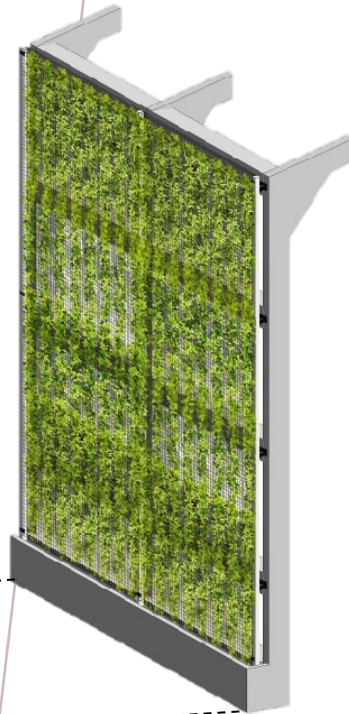
Reinforced Concrete Portal Frame

20" Cast-In-Place Concrete Walls

Second Level Walkway

Raised Second Level

GARDEN WALKWAY COMMUNITY CENTER – DETAILS



Reinforced Concrete Planter Box

28' Stainless Steel Wire Mesh

Anchor Connections

Benefits To Site

GARDEN WALKWAY COMMUNITY CENTER – DETAILS

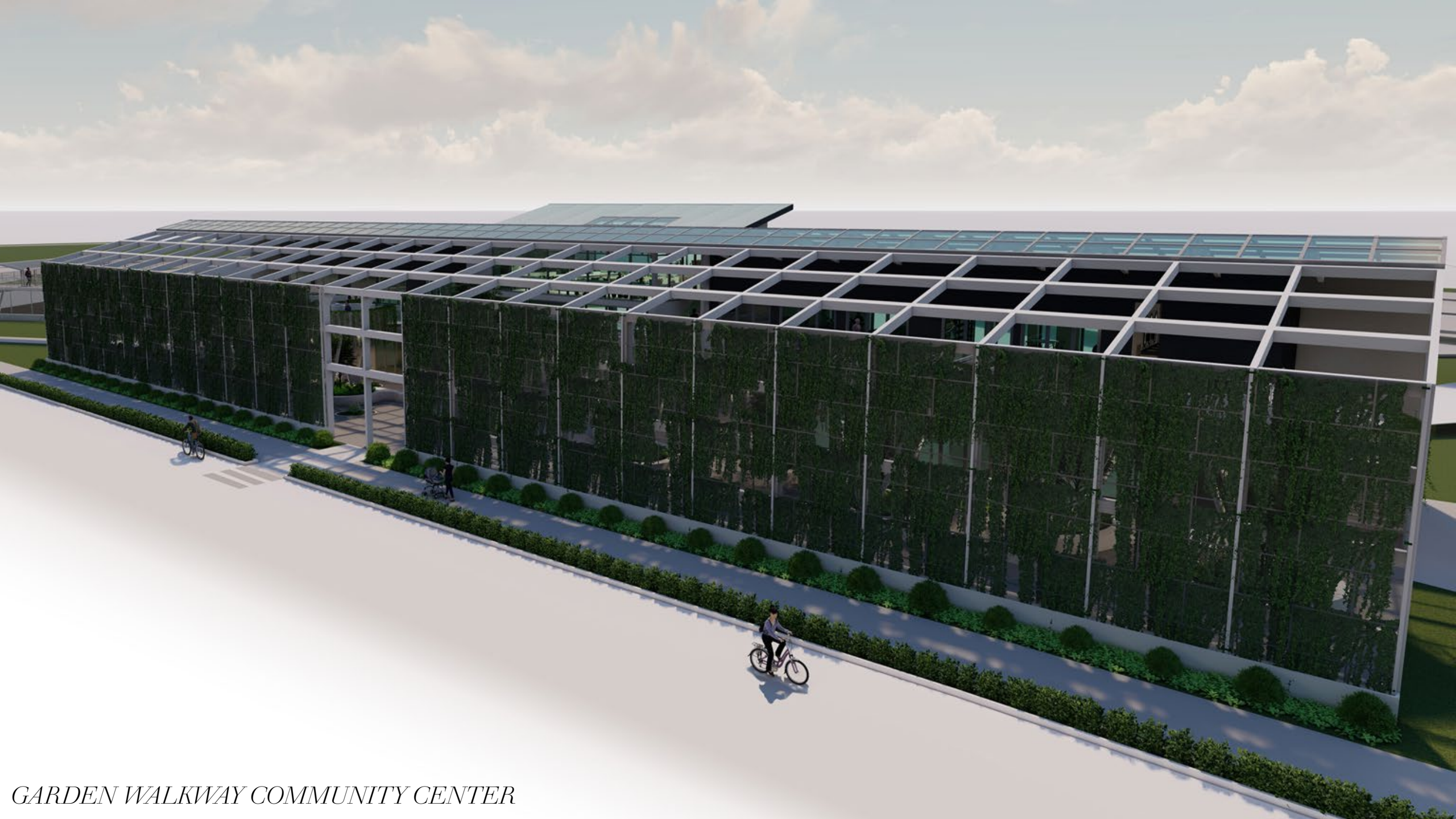


Double Glass Transparent Solar Panel

Aluminum Frame

Junction Box

Benefits To Site



GARDEN WALKWAY COMMUNITY CENTER



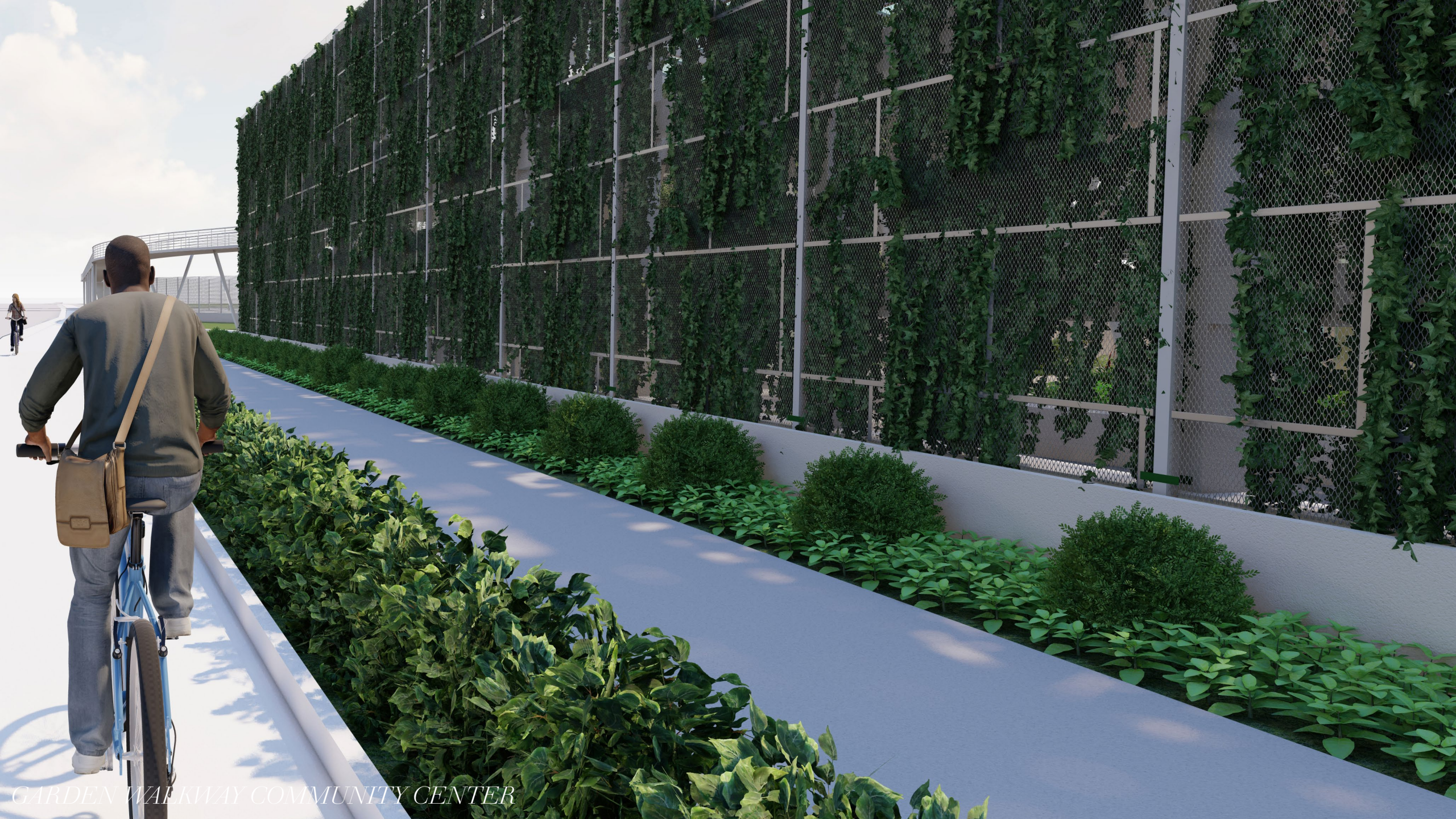
GARDEN WALKWAY COMMUNITY CENTER



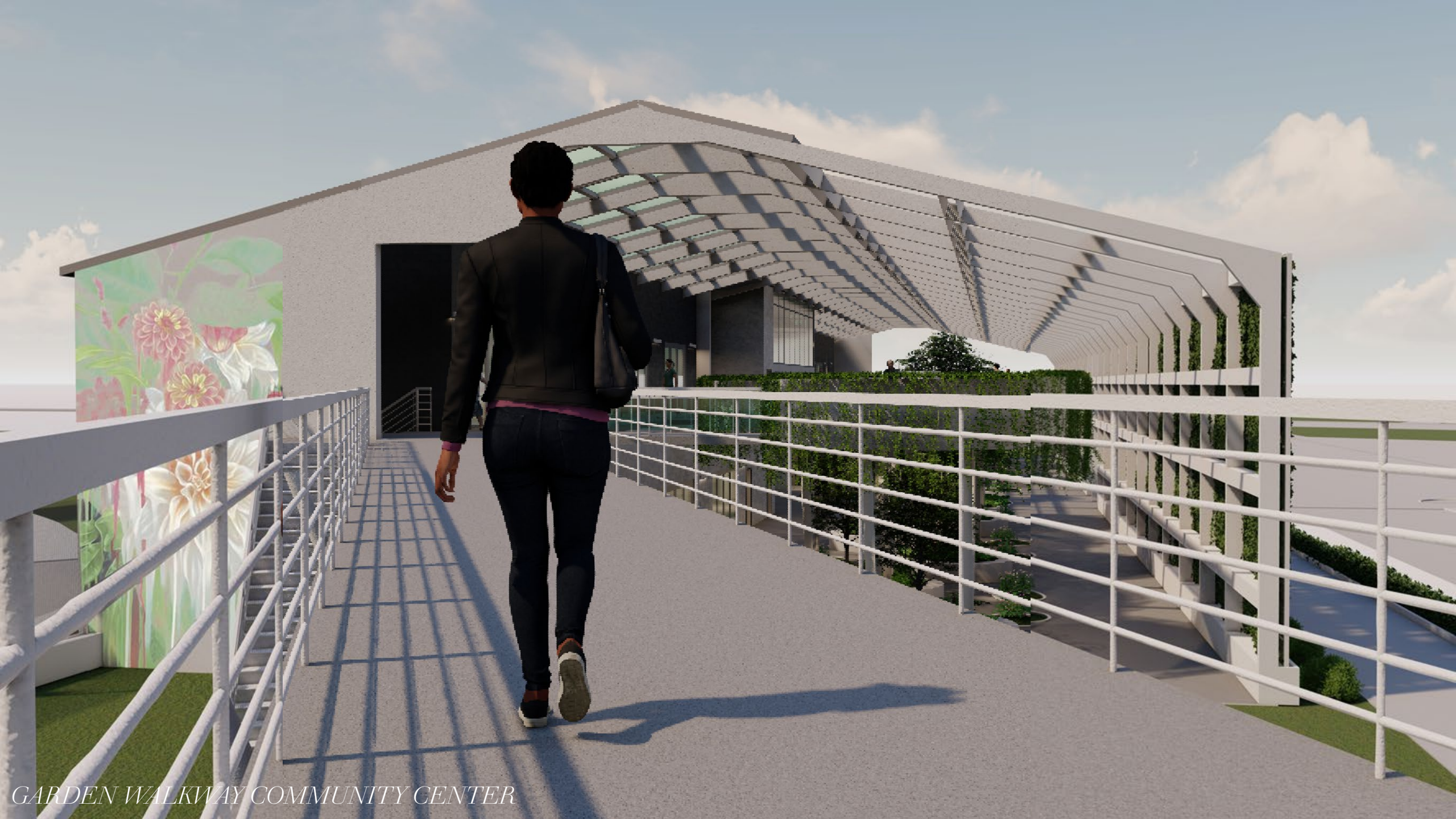
GARDEN WALKWAY COMMUNITY CENTER



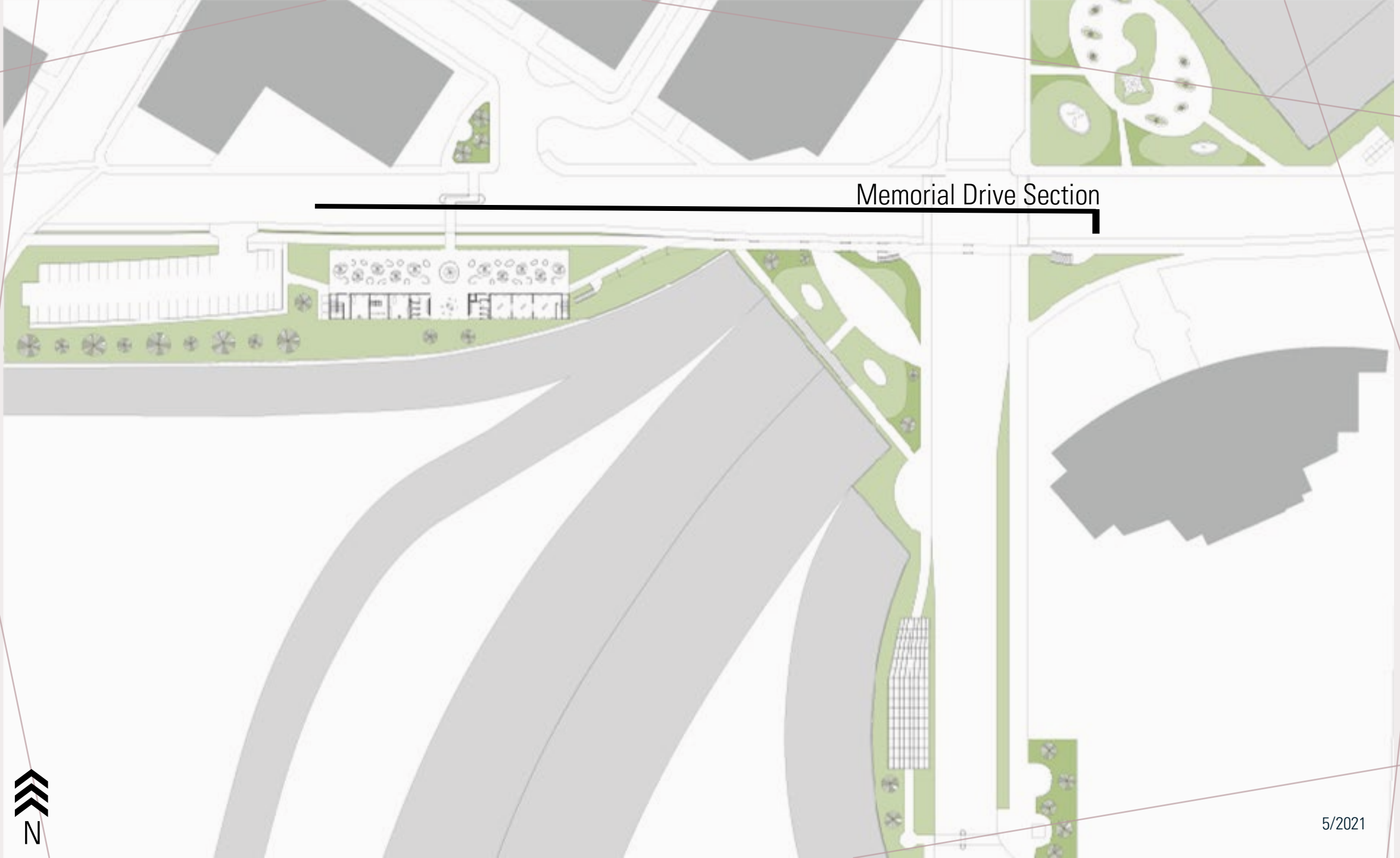
GARDEN WALKWAY COMMUNITY CENTER



GARDEN WALKWAY COMMUNITY CENTER



GARDEN WALKWAY COMMUNITY CENTER



Memorial Drive Section



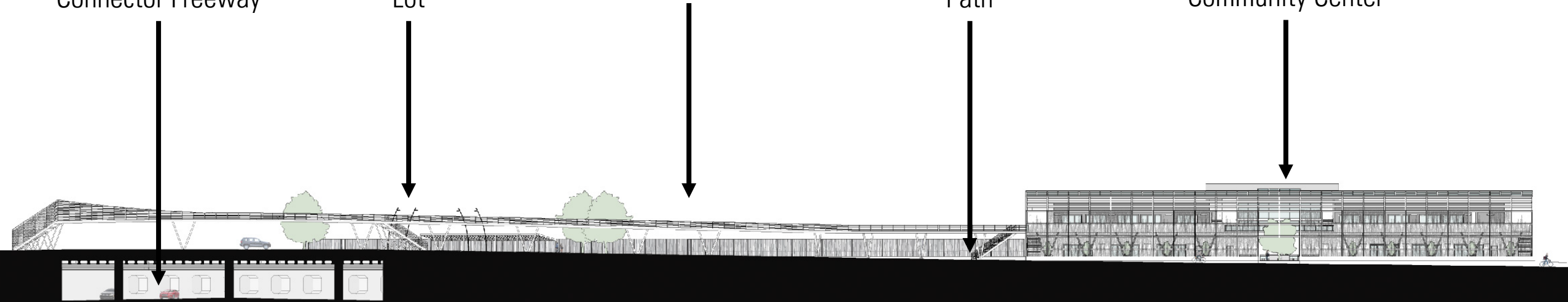
Downtown
Connector Freeway

Transformed South
Lot

Pedestrian Bridge

Bike and Pedestrian
Path

Garden Walkway
Community Center



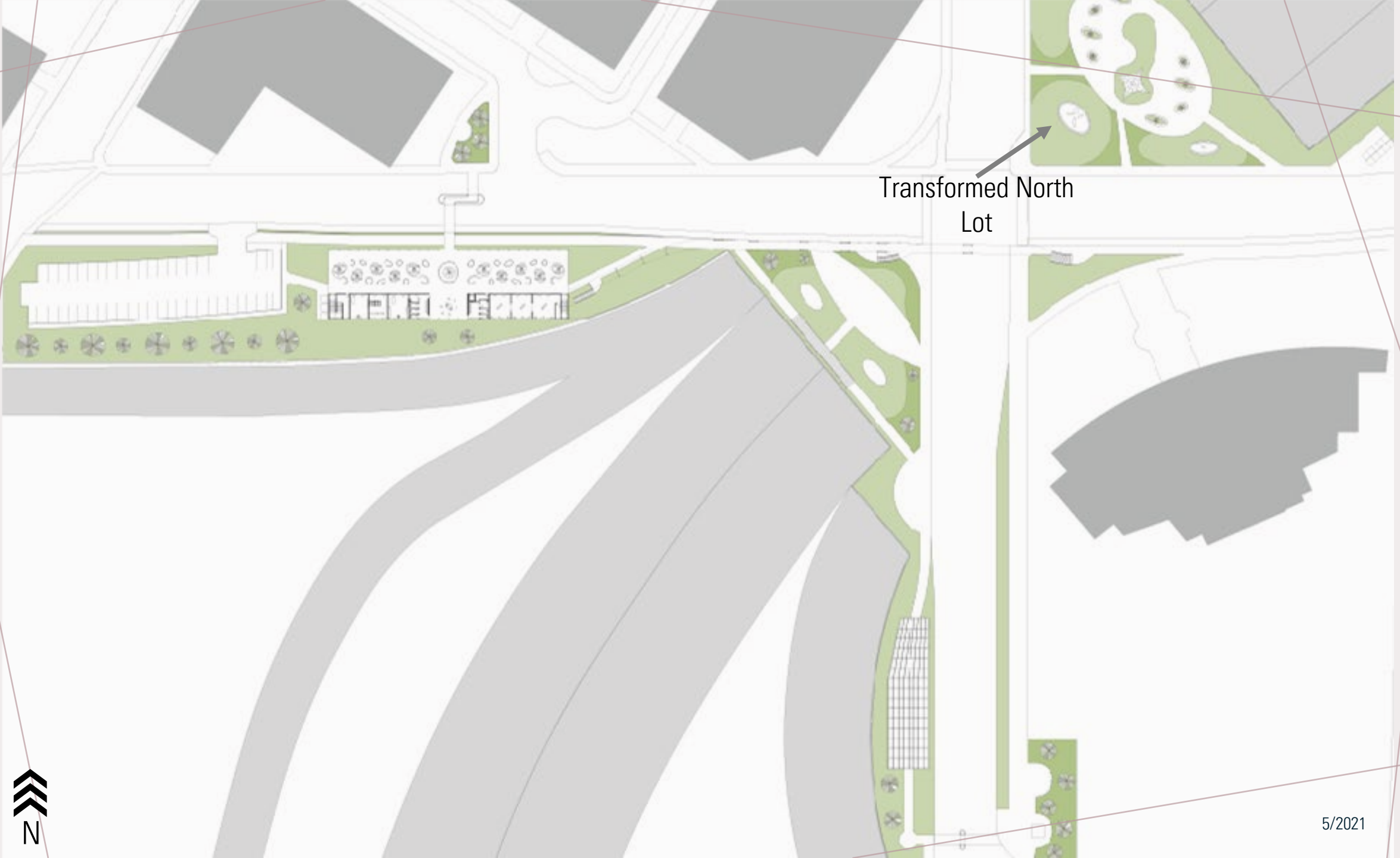


Transformed South
Lot



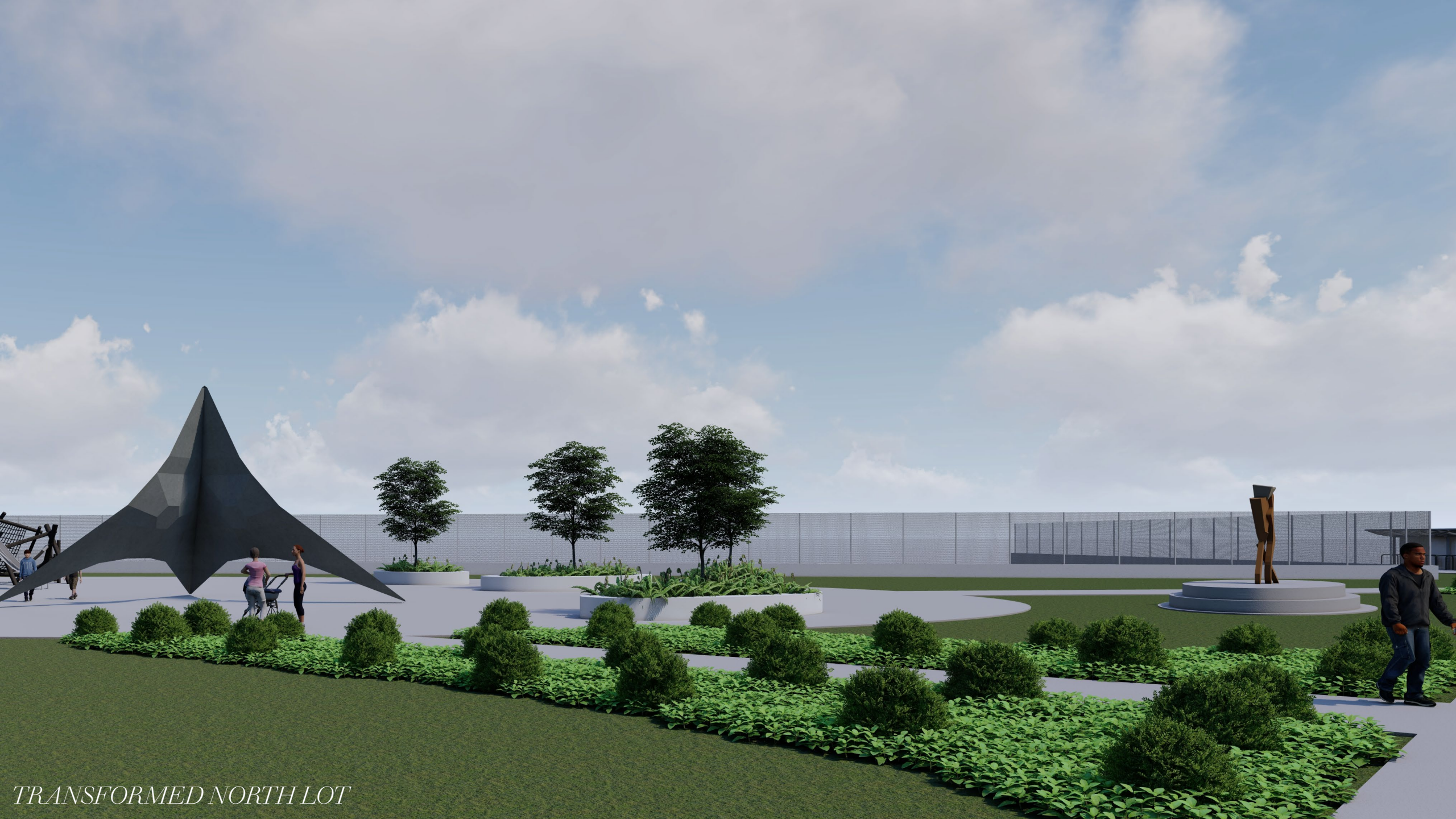


TRANSFORMED SOUTHLLOT



Transformed North
Lot





TRANSFORMED NORTH LOT





GARDEN WALKWAY



THANK YOU