WASTED SPACE
REIMAGINING AND
REPURPOSING SPACES

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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
EXISTING SITE CONDITION
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- South Parking Deck
- Georgia Capitol Museum
- Capitol Avenue
- Northeast Parking
- Freeway
- Memorial Drive
EXISTING SITE CONDITION

South Parking Deck

Capitol Avenue

Southwest Parking

Freeway

Capitol Avenue
EXISTING SITE CONDITION
Site Design

ATLANTA, GA
Garden Walkway
Community Center Section
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

Mechanical & Storage  Market Rooms  Unisex Restrooms  Local Artist Exhibition

Garden Walk and Seating
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- Mechanical & Storage
- Market Rooms
- Unisex Restrooms
- Local Artist Exhibition

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GARDEN WALKWAY COMMUNITY CENTER – FIRST FLOOR
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR

- Unisex Restroom
- Library Lounge
- Greenhouse Kitchen
- Open Studio
- Garden Walk Cafe

Floating Garden Walk and Seating
GARDEN WALKWAY COMMUNITY CENTER – SECOND FLOOR

- Unisex Restroom
- Library Lounge
- Greenhouse Kitchen
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Floating Garden Walk and Seating
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GARDEN WALKWAY COMMUNITY CENTER – RAISED SECOND FLOOR

Urban Greenhouse
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
Downtown Connector Freeway
Transformed South Lot
Pedestrian Bridge
Bike and Pedestrian Path
Garden Walkway Community Center
THANK YOU