



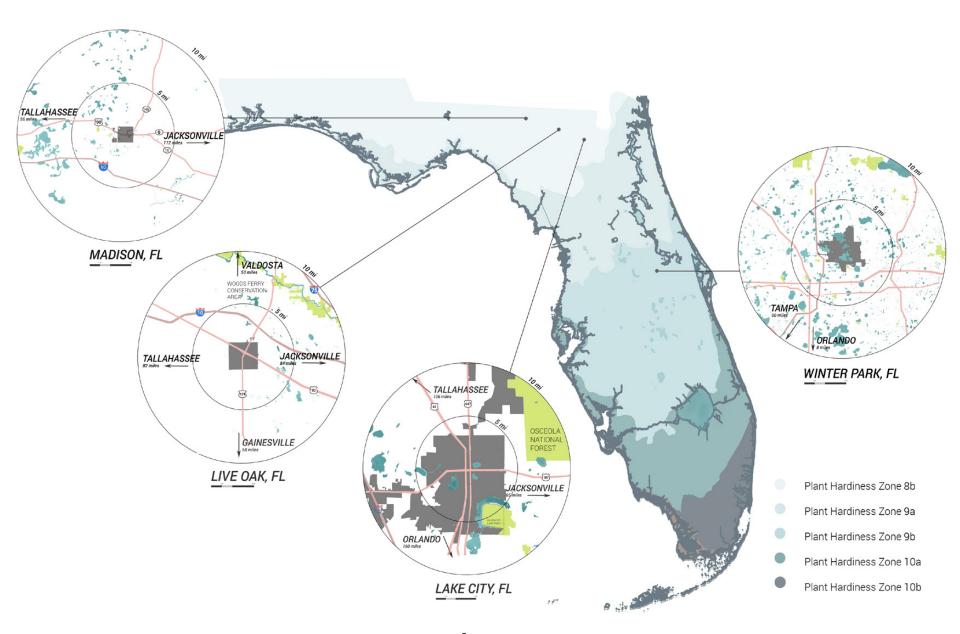
The CRA gave the University of Florida Landscape Architecture students an overview of the project and a brief history of Liveoak, Fl.

TABLE OF CONTENTS

COMPARATIVE CASE STUDIES, ANALYSIS + FOCUS AREA	5
OHIO CORRIDOR	23
HERITAGE SQUARE	39
HERITAGE SQUARE PARK	.57
CONNER STREET	67
HOWARD STREET	79
COURT STREET	89
ART DISTRICT	.101

COMPARATIVE CASE STUDIES, ANALYSIS + FOCUS AREA

FLORIDA TRANSIT ORIENTED DEVELOPMENT CASE STUDIES



LIVE OAK

LAKE CITY

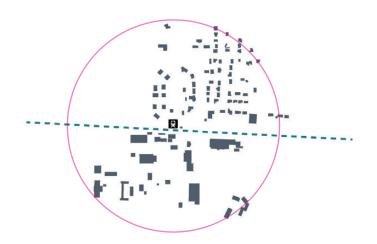




QUARTER MILE RANGE

REGIONAL CONTEXT

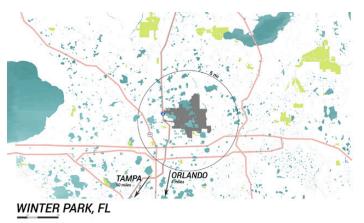


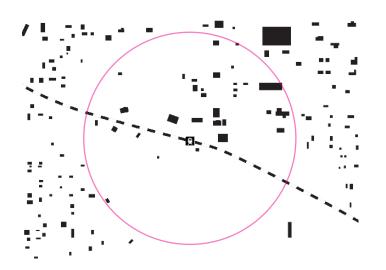


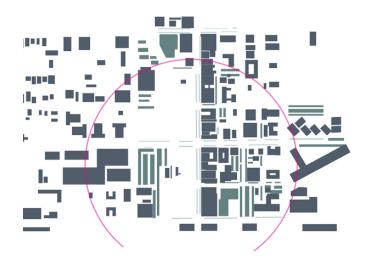
MADISON

WINTER PARK



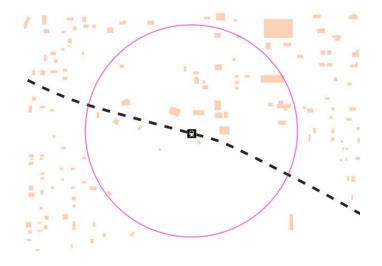


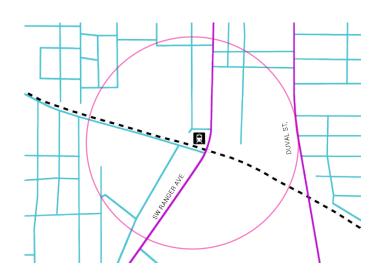




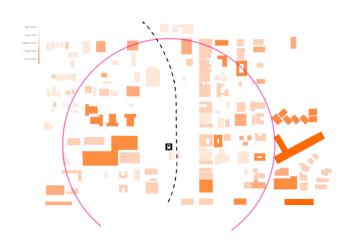
LIVE OAK LAKE CITY BUILDING HEIGHTS ROADS AND PARKING

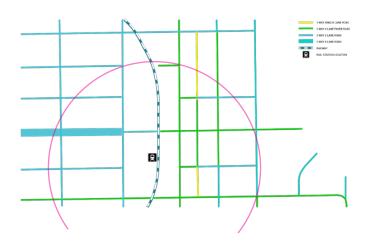
MADISON

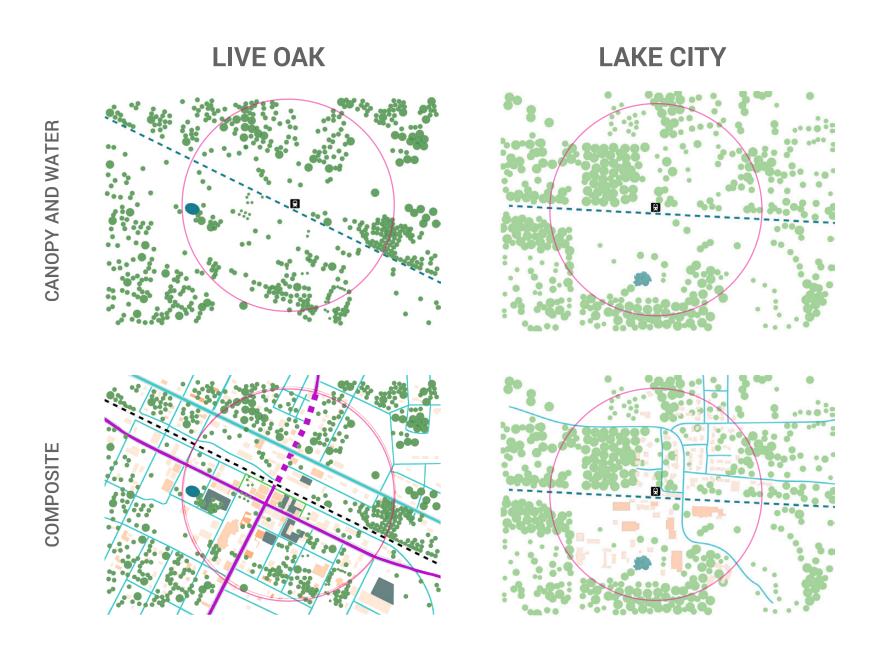




WINTER PARK







MADISON

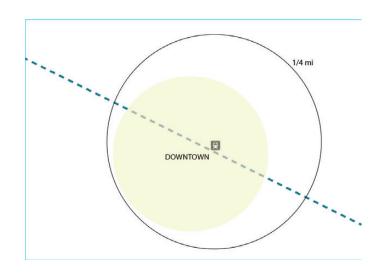
WINTER PARK

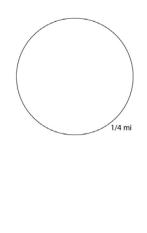


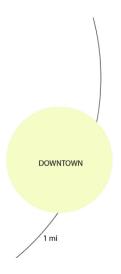
LIVE OAK

LAKE CITY

DISTANCE TO DOWNTOWN

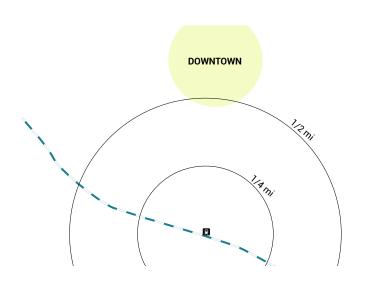


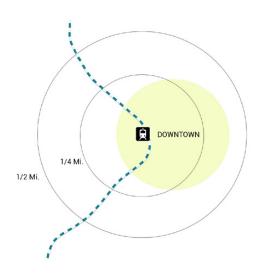


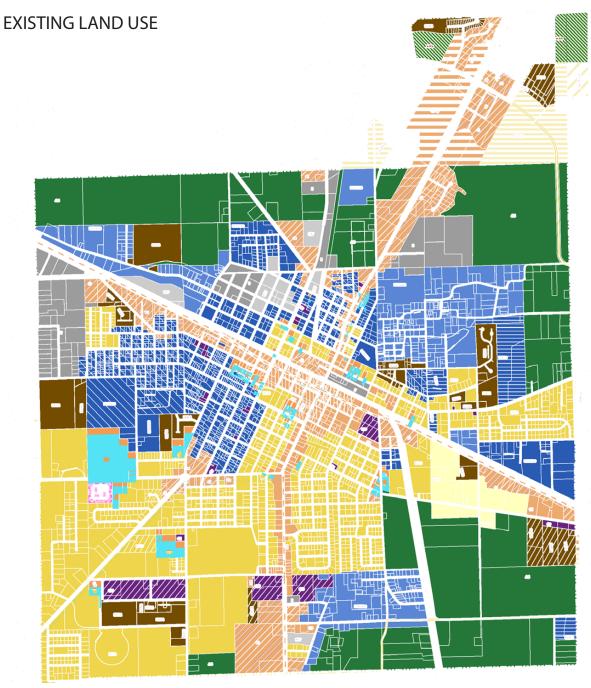


MADISON

WINTER PARK







Conservation Agriculture

RSF-1-single family RSF-2-single family

RSF-3-single family RSF/MH-1 SF/Manuf. Home RSF/MH-2 SF/Manuf. Home

RSF/MH-3 SF/Manuf. Home Res. Manuf. Home Park

Res. Multiple Family-1

Res. Multiple Family-2 Residential - Office R-O

Office

Commercial Neighborhood

Commercial - General

Commercial - Intensive

Central - Downtown

Commercial Shopping Center Industrial - Light Warehousing

Industrial

Planned Resdidential Development

900'

3,600'

EXISTING TREE CHARACTER

MAJOR CANOPY TREES



SWEETGUM (Liquidambar styraciflua)



SOUTHERN MAGNOLIA (Magnolia grandiflora)



CAMPHOR (Cinnamomum camphora)



LONGLEAF PINE (Pinus palustris)



LOBLOLLY PINE (Pinus taeda)



WINGED ELM (Ulmus alata)



LIVE OAK (Quercus virginiana)



BLACK WALNUT (Juglans nigra)

DOWNTOWN TREES



BLACK WALNUT (Juglans nigra)



CABBAGE PALM (Sabal palmetto)



CRAPE MRYTLE (Lagerstroemia sp.)



LIVE OAK (Quercus virginiana)



CAMPHOR (Cinnamomum camphora)

EXISTING ARCHITECTURAL CHARACTER



- 1. HISTORIC CITY HALL
- 2. WAREHOUSE
- 3. HISTORIC FREIGHT STATION
- 4. HISTORIC POST OFFICE
- 5. KIRBY HOUSE
- 6. HISTORIC COURTHOUSE
- 7. SPEARMAINT BRICK WALL
- 8. DOWLING HOUSE

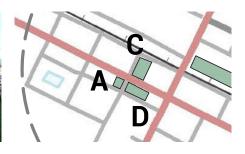
EXISTING GREEN SPACE CHARACTER

A

VETERAN'S MEMORIAL PARK





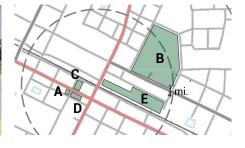


В

JOHN H. HALE COMMUNITY PARK





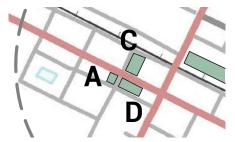


C

MILLENNIUM PARK









STRENGTHS

- -rich historic content
- -rich cultural heritage
- -enthusiastic, willing and knowledgeable CRA representatives
- -existing infrastructure
- -located between major cities: Gainesville,
- Jacksonville, Tallahassee
 -proximity to Suwanee music festival
- -new walking trail
- -local jazz festival

WEAKNESSES

- -lack of urban canopy
- -lack of natural corridors
- -poor connectivity
- -not a walkable city
- -street noise
- -lacking downtown points of interest

OPPORTUNITIES

- -location along major railway
- -several existing open spaces
- -start of trail system
- -pump house and water tower
- -barren areas

THREATS

- -flood zones
- -CSX
- -competing cities distracting
- -noise





Inventory + Scope

Ohio Avenue, a state road, is within the jurisdiction of FDOT. Overhead power-lines, obstructed sidewalks, a wide road with no Urban Canopy, make Ohio Ave unpleasant for drivers and pedestrians. We quickly identified where our efforts would focus on: Canopy, urban infill Pedestrian use, storm water management and a sense of arrival.





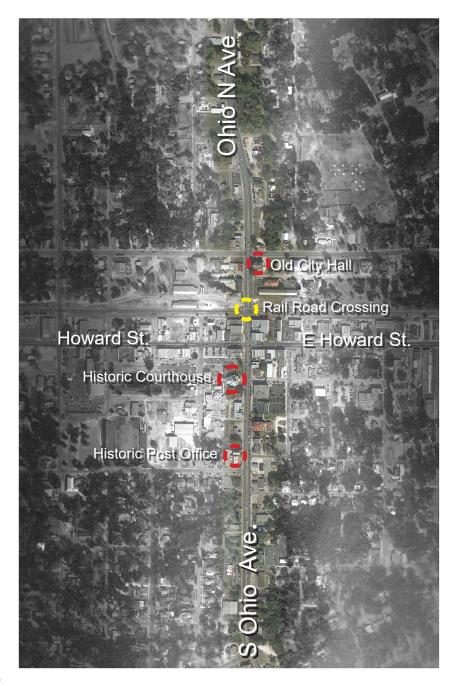














The Approach

Approaching from the north and south on Ohio we identified ways to improve the transition into Historic LiveOak. By extending a median along the road and planting it with Live Oaks and planting native plants the approach to the Downtown would let the visitor know they are now arriving somewhere new.











A Sense of Arrival

Genius Loci [A spirit of place] Gateways have been used to define communities throughout human history. Unlike walls , the don't deliberately keep individuals out but the tell the visitor this is "Us" and "you" are welcome here.



St. Augustine, FI gateway



St. Louis Arch Gateway



Ibor City, Tampa, FI Gateway



S Ohio at the old Post Office.

The Gateway

There needs to be a declaration of arrival. Something to say "I am here, this is Liveo-ak." A design that incorporates a traditional gateway, somewhat hidden and soft, with perennial and annual planting beds and a crown of live oaks above declaring ones entrance to the Historic LiveOak, would give one a sense of arrival.

Areas to apply this design would be at the intersection of Duval St and Ohio N with the architectural backdrop of the old City Hall Parshley St and S Ohio at the old Post Office.

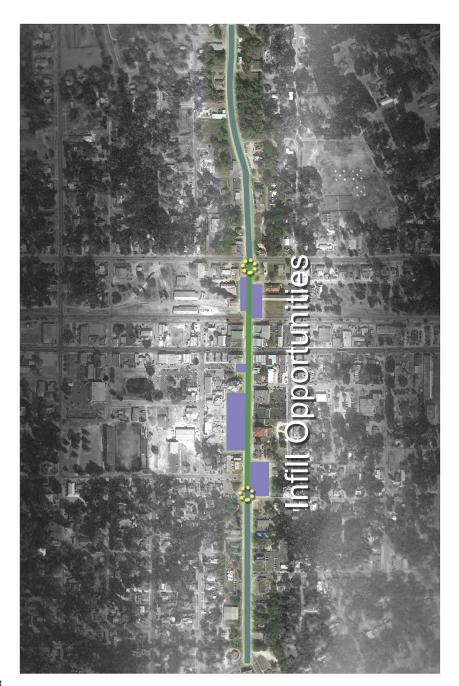
Urban Infill

Areas along Ohio Ave showed potential adding and or retrofitting existing buildings for infill. These areas can be either Pocket parks, multi-use buildings with loft style apartments. An additional 77,415 s.f. of infill can be added to Ohio Ave between the Old City hall and The Histroic Post Office











Design Response

In response to the corridor gave us we addressed our goals to increase the tree canopy, bury power-lines along Ohio Ave, widen sidewalks and narrow drive lanes to accommodate a median. To respond to water management issues we've proposed rain gardens along the entire corridor. In addition to moving rain water they beautify the corridor with native Florida plants.



























OHIO AVENUE

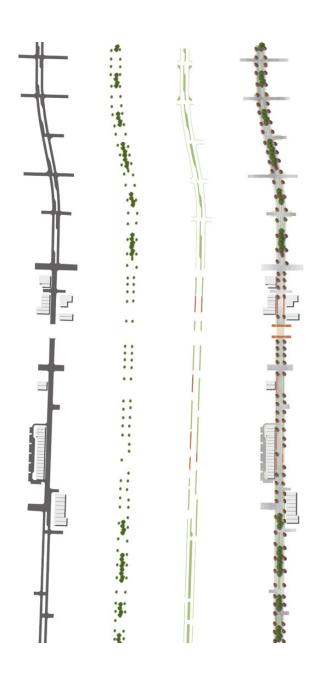
PROPOSED

- RECLAIMED 77,173 ft² OF PERMEABLE SURFACE
- ADDITIONAL 203,574 ft² OF TREE CANOPY AT MATURITY

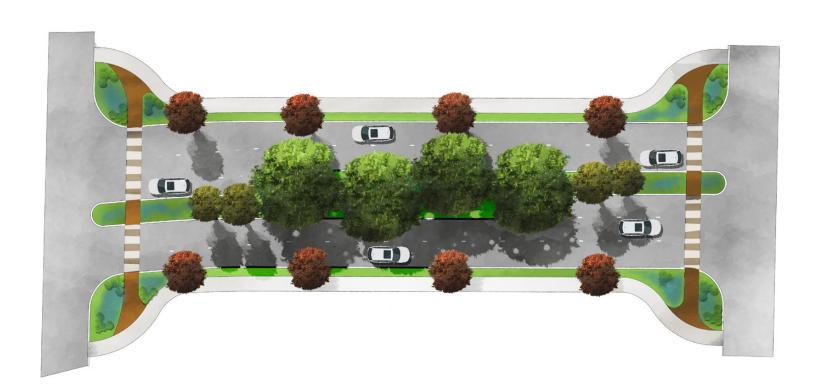








STREET DETAIL

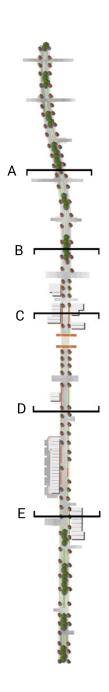




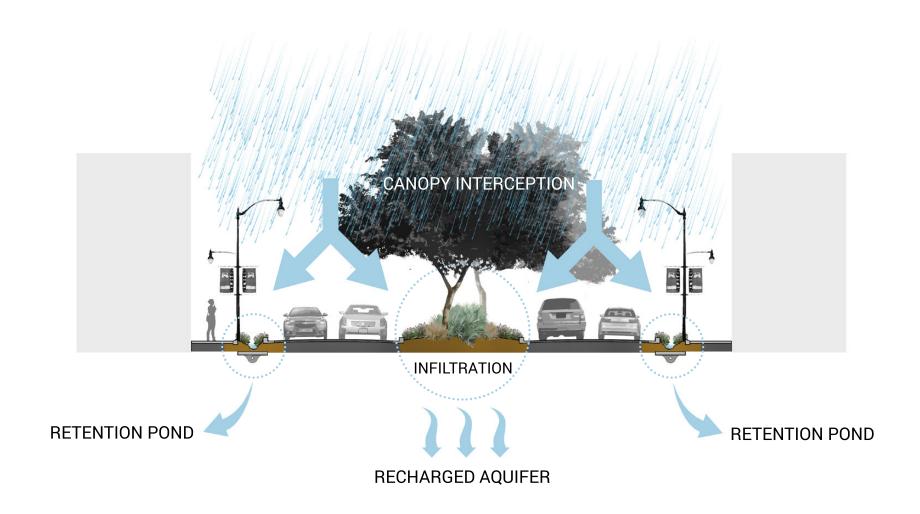
STREET SECTIONS A + B





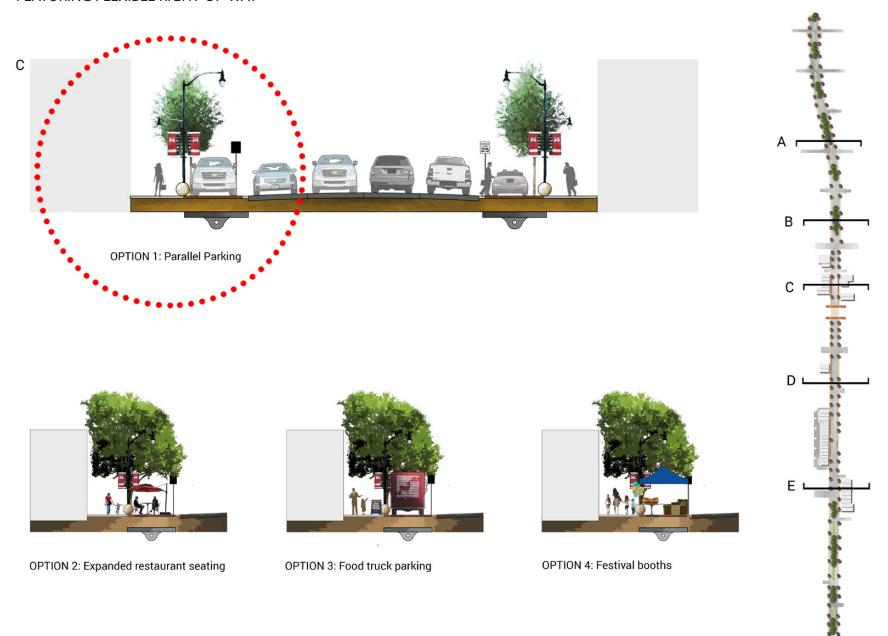


RAIN GARDEN FUNCTION



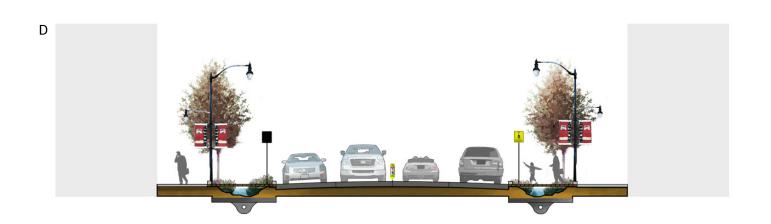
STREET SECTION C

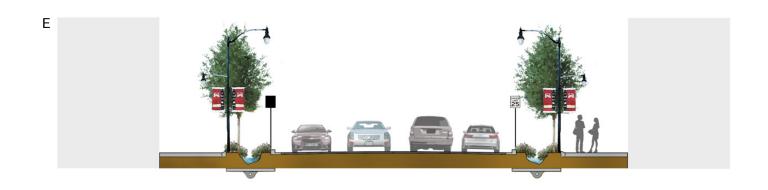
FEATURING FLEXIBLE RIGHT-OF-WAY

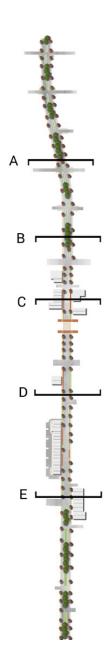




STREET SECTIONS D + E









The University of Florida Landscape Architecture Class of 2018



GOALS

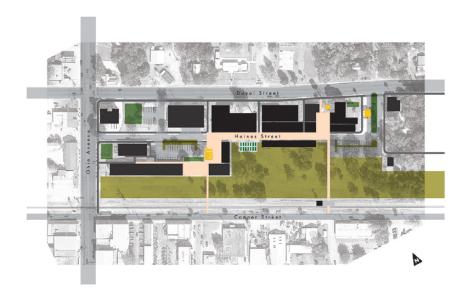
- 1. Connectivity
- 2. Comfort
- 3. Emphasize historic elements
- 4. Safety
- 5. Walkability
- 6. Infill and sustainable development
- 7. Foster artistic expression

HAINES STREET

LIVE OAK, FLORIDA



LIVE OAK HERITAGE



With several historic buildings and cultural institutions, Haines Street is ground zero for building community in Live Oak. The masterplan vision aims to link together these important architectural elements and catalyze sustainable development. The design takes advantage of the open space adjacent to the railroad, maintaining most of it as Heritage Square Park. New development is located along Haines Street's pedestrian promenade, overlooking the park. Smaller establishments are clustered around paved plazas, retaining industrial features as objects of interest. Park, plaza, and architecture merge to form Live Oak's community hub, the gathering spot for residents and visitors.



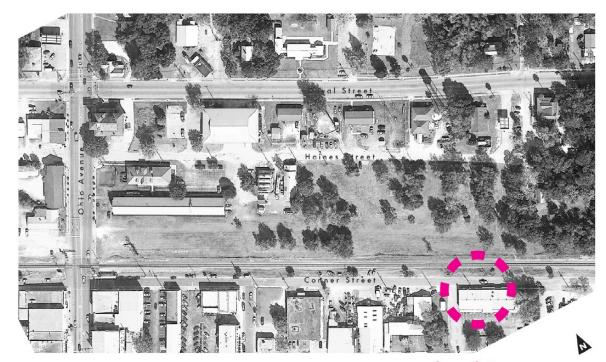






OBJECTIVES

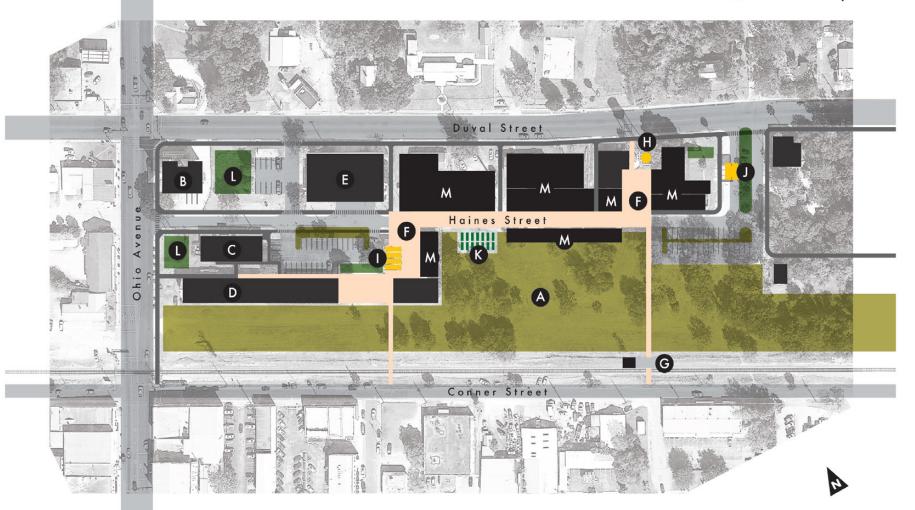
- + Link together historic and cultural institutions of Live Oak.
- + Anticipate sustainable development to enhance urban character and compliment Heritage Square Park.
- + Provide a destination for Live Oak residents.



Railroad Station

SITE PLAN

- A Heritage Square Park
- B City Hall
- © Live Oak Union Depot
- Suwanee Historical Museum
- **3** Fire Station
- Pedestrian Paving
- Railroad Station
- Dowling Water Tower
- Oil Tanks
- Gas Canopy
- Community Gardens
- Rain Garden
- Mew Development



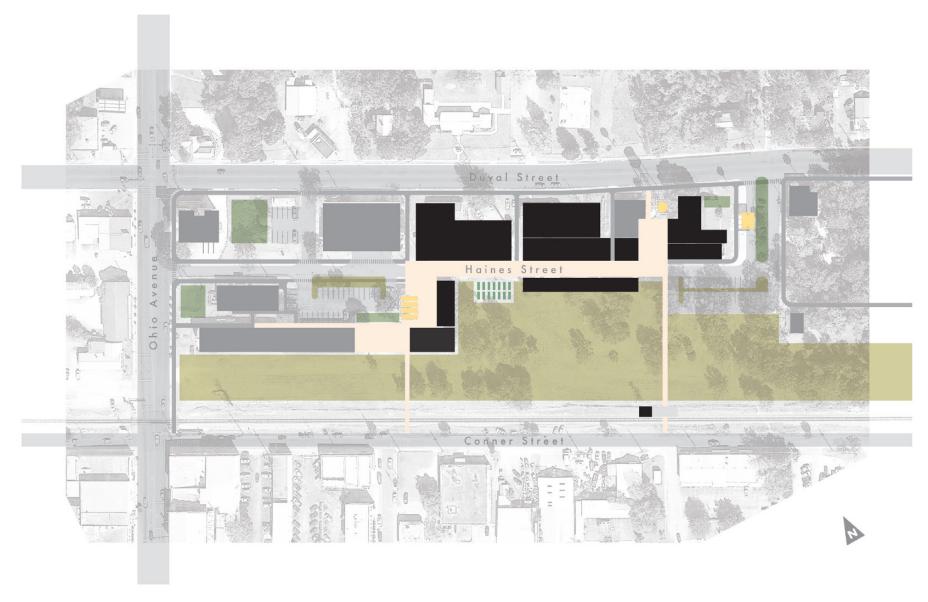
EXISTING BUILDINGS TO REMAIN



INDUSTRIAL CHARACTER



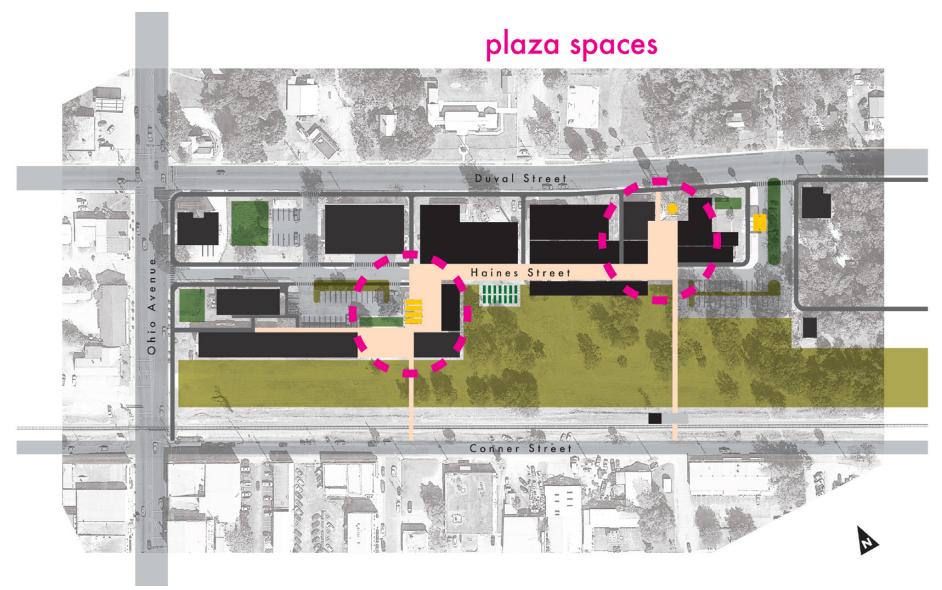
NEW DEVELOPMENT





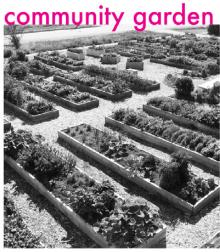


NEW DEVELOPMENT

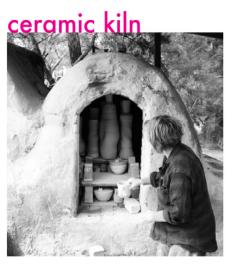


LIVE OAK COMMUNITY ENTERPRISES

The design aims to promote a Live Oak community by suggesting "community enterprises," business formats that encourage participation and dialogue, on the premise that engaged citizens have a voice in their community's economic development.















THE CITY OF LIVE OAK







INTERSECTION OF HOWARD AND OHIO
ISSUES: SAFETY, COMFORT



CONNER ST.
ISSUES: REASON, COMFORT, INTEREST



CONNER ST.
ISSUES: INTEREST, COMFORT

Jeff Speck

AUTHOR OF WALKABLE CITY: HOW DOWNTOWN CAN SAVE AMERICA, ONE STEP AT A TIME

THE USEFULE WALK
THE COMFORTABLE WALK
THE SAFE WALK
THE INTERESTING WALK



IMPROVED HEALTH

MORE TIME TO SPEND WITH FAMILIES

LOWER TRANSPORTATOIN COSTS

MORE UNPLANNED SOCIAL ENCOUNTERS

BETTER SENSE OF PURPOSE AND COMMUNITY

SO WHAT DOES A WALKABLE DOWNTOWN LOOK LIKE?



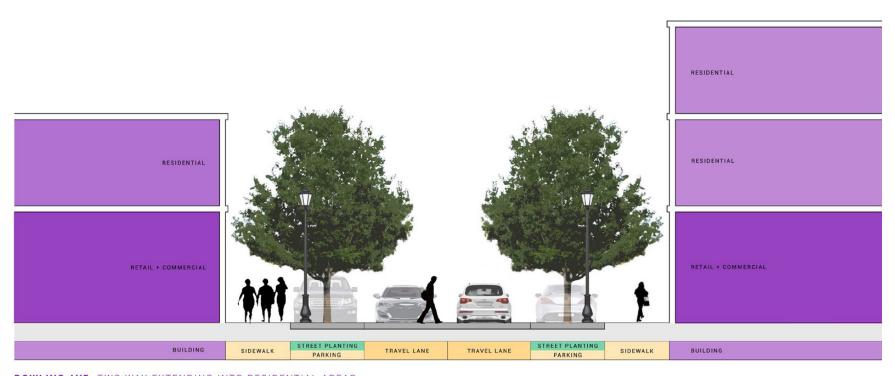








CONNER ST. ONE WAY MOVING WEST



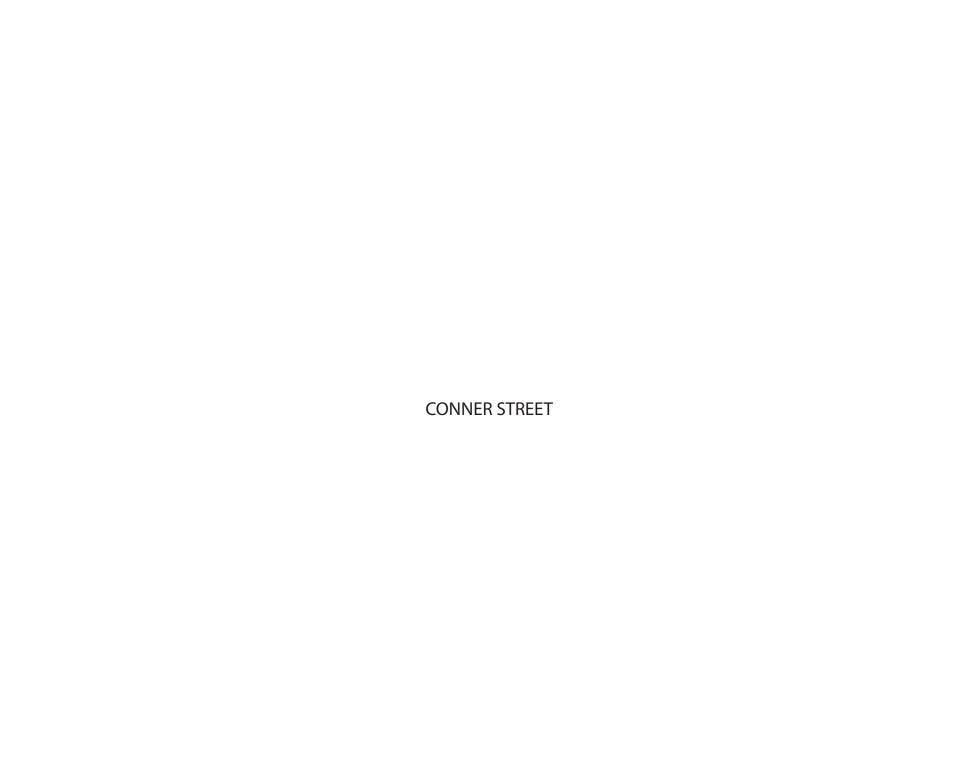
DOWLING AVE. TWO WAY EXTENDING INTO RESIDENTIAL AREAS

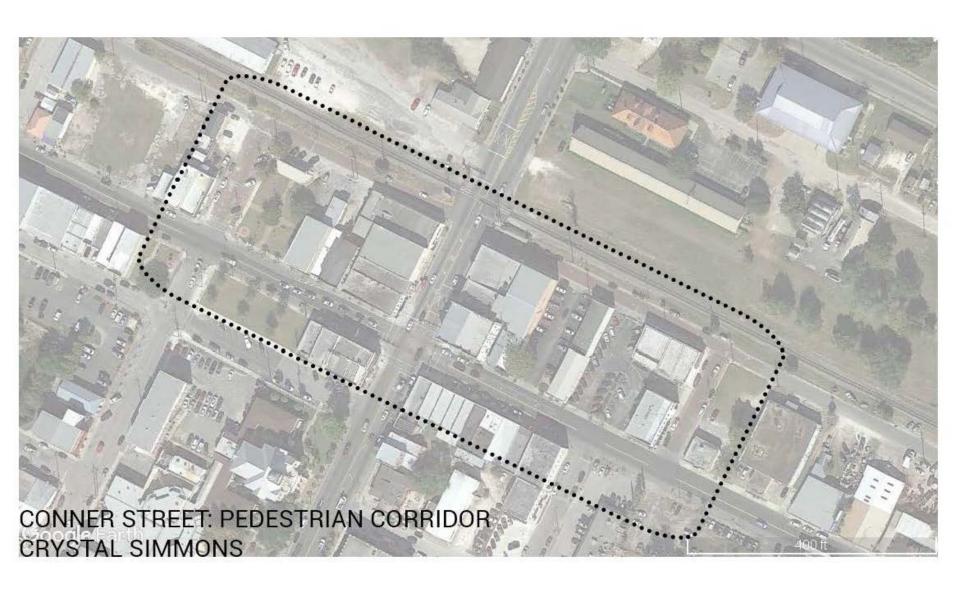


HERITAGE PARK ACTIVE AND PASSIVE ACTIVITY



Heading down to the proposed Heritage Square Park for inventory collection and analysis





Design Narrative:

Live Oak is a small humble town. The people living here are friendly making you feel as though you've stumbled into a homegrown southern town. The city downtown is quiet with historic buildings scattered throughout the area. Live oak presents a unique opportunity for growth and activity. This is a town that could benefit from an Amtrak rail station and the tourism value that comes along with it. The implementation of a rail station could bolster the economy and provide numerous benefits to the town. There are many successful rail towns and small downtowns across the state. I chose to look at Winter Park, DeLand and Savannah, GA as comparative case studies for my focus area in downtown Live Oak. The focus area I worked on is an area right in downtown on the edge of the rail, the boundaries are from Pine St. to Texada St. with the focus on Conner St. This area of town provides a real opportunity for revitalization and connection to a future rail station. Conner St. is a fairly unused brick street along the backside of many commercial buildings. There is little to no comfort in walkability or activity on the street; this presents a chance to create a unique identity in downtown right as you would exit the train into town. Imagine arriving in Live Oak, as you exit the train you walk immediately into the downtown right onto one the most active and pedestrian friendly streets in town. Conner St. would have a new identity and a pedestrian corridor for people to come and visit new storefronts, sit outside at small town cafes and enjoy the shaded canopy of large live oaks. On this street you have access to downtown and also the historic district right across the tracks. At each end of Conner St. there would be open park spaces for people to gather, play games and relax. This new walk-able green alley would become an immediate identity drawing people to the downtown area, bringing economic benefit to the new growing and bustling town of live oak.

S

STRENGTHS: RAIL ACCESS PARK PROXIMITY DOWNTOWN PARKING LOW ACTIVITY



WEAKNESSES: EXISTING BLDG, USE NO VEGETATION WALK-ABILITY SEATING



OPPORTUNITIES: INFILL WALK-ABILITY HOUSING GATHERING SPACE GATEWAY RAIL CONNECTION GREENWAY



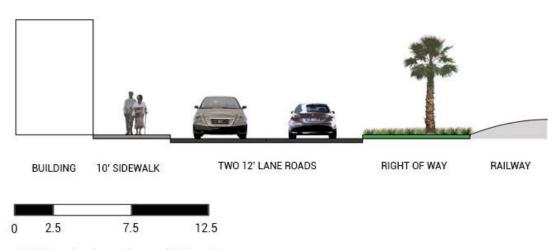
THREATS: RAILWAY DANGER OHIO AVE. TRAFFIC



Site analysis and existing street photos



CONNER STREET



Existing street sections at 1:5 scale

Project goals and objectives:

Increase walk-ability, restricted vehicle access
Improved storefronts and building use (retail, 2nd story housing, cafes)
Gathering spaces and seating options
Rail and Greenway access
Urban canopy, improved planting scheme
Create downtown identity

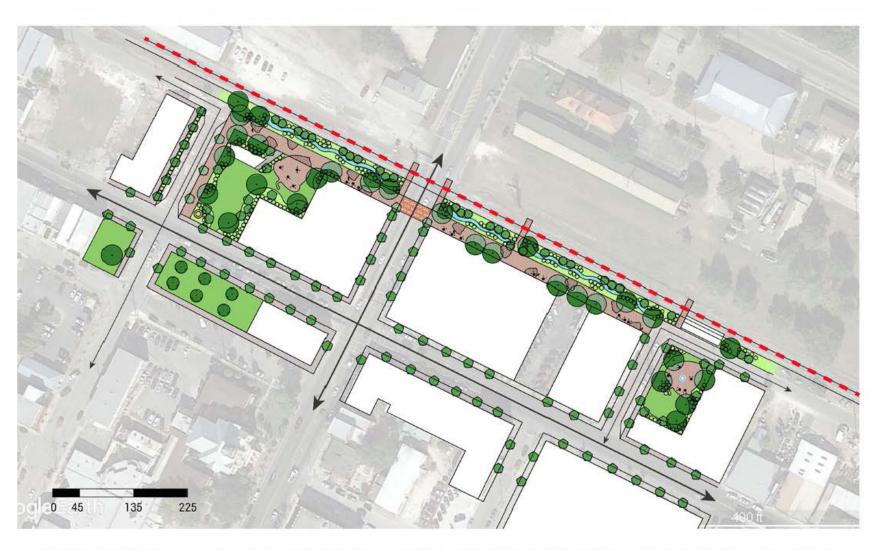
COMPARATIVE TOWNS

NINTER PARK

DELND

DEL

Comparative downtowns with pedestrian walkability



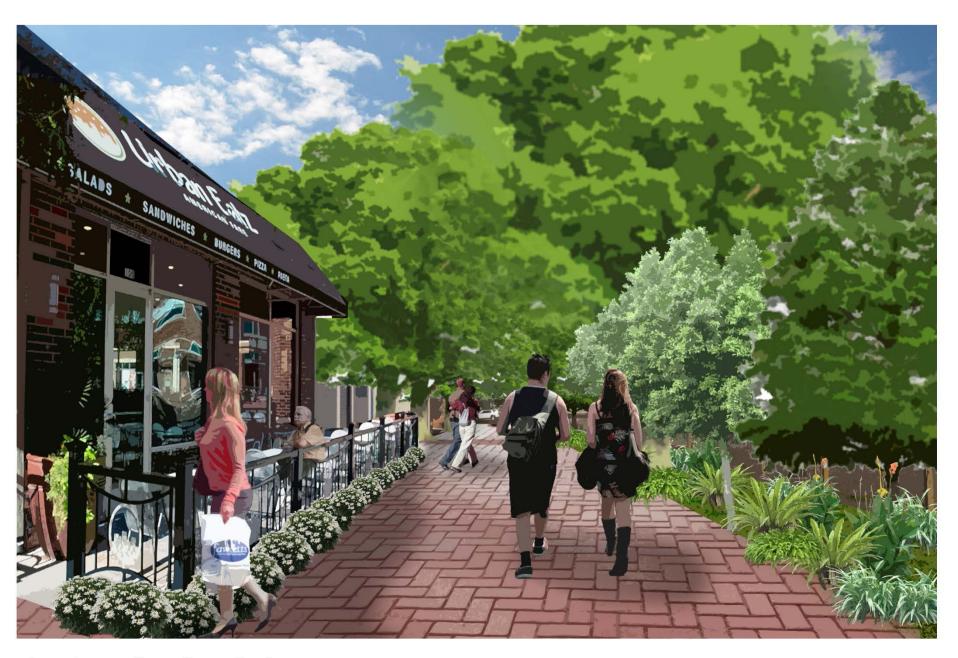
Conceptual plan featuring a restricted pedestrian access on Conner St., a series of gathering open spaces, bio-swales perpendicular to rail tracks and improved building facades and uses.





0 2.5 7.5 12.5

Conceptual street sections at 1:5 scale



Concept perspective on Conner Street

AMENITIES















MATERIALS PLANTING





Inspirational materials and imaging















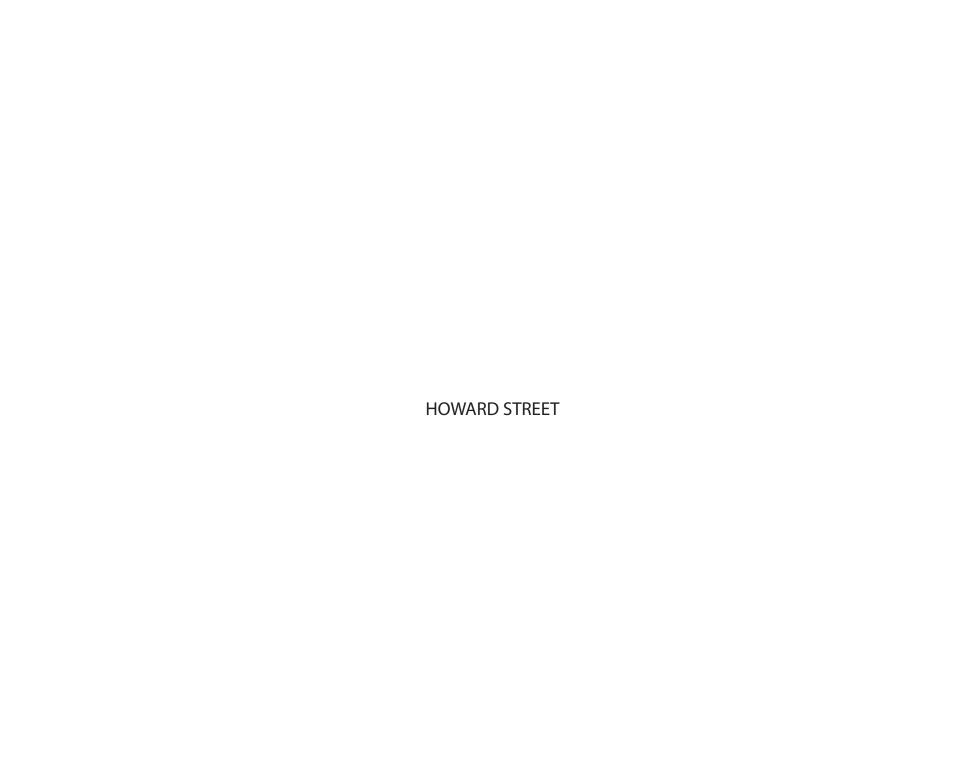




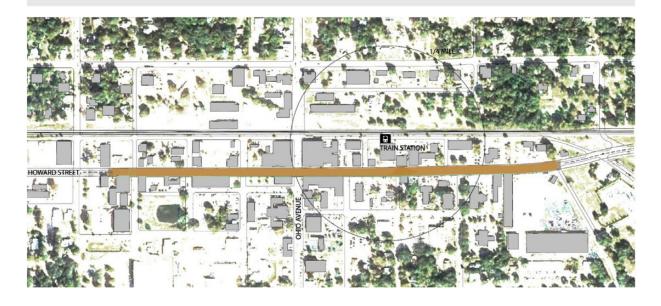




The team analyzing the existing railroad conditions



Howard StreetScape



BRYANA BOILEAU

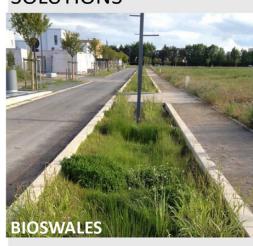
UNIVERSITY OF FLORIDA LANDSCAPE ARCHITECTURE



CONCERNS

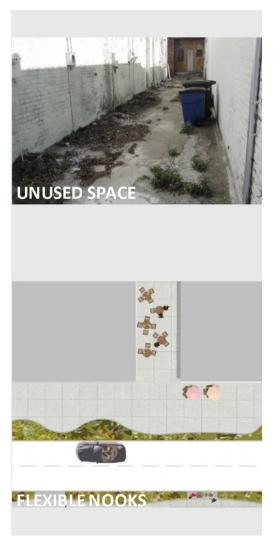


SOLUTIONS









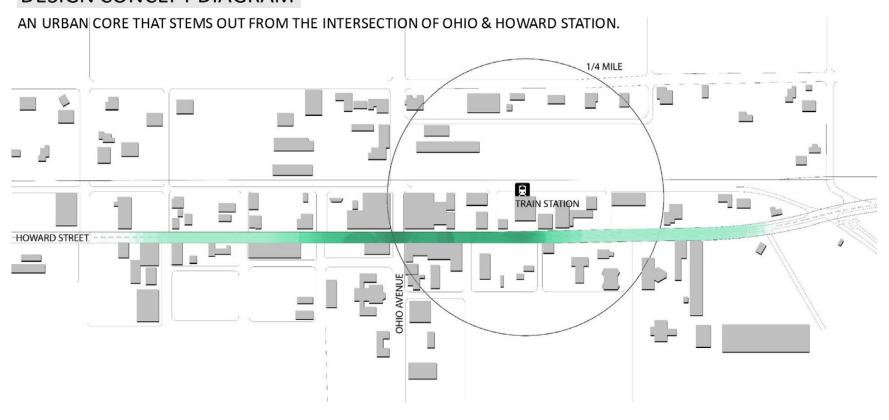
GOALS:

AMTRAK STOP IN LIVE OAK

PRESERVE AND SPOTLIGHT THE 'OLD FLORIDA' CHARACTER OF LIVE OAK

CREATE AN ADAPTABLE URBAN CORE FOR AMTRAK PATRONS AND LOCALS THAT TRANSITIONS FROM A PASSIVE PARK-LIKE SPACE TO AN UPBEAT DOWNTOWN

DESIGN CONCEPT DIAGRAM



PASSIVE PROMENADE

ACTIVE URBAN CORE







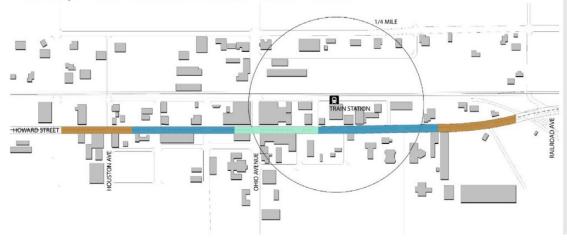
'FLEXIBLE NOOK' PROGRAMMING



THE CONSISTENCY IN SIZE OF NOOKS ALLOWS FOR THE STREETSCAPE TO ADAPT TO AN EXPANDING URBAN CORE.

USED FOR PARKING, SHOP EXHIBITS, MUSICIANS, CROSSWALKS, OR FRUIT STANDS FOR FARMERS!

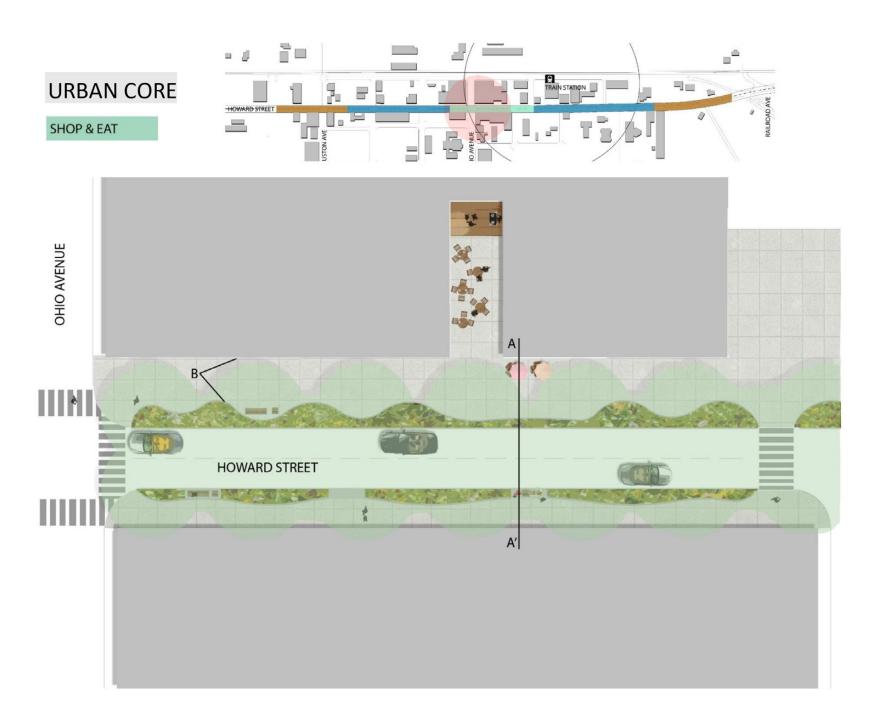
BIOSWALES & GRATES FOR STORMWATER PROTECTION AND VISUAL/SOUND BARRIERS FROM HOWARD STREET.













METRICS ALONG HOWARD STREET

IMPERVIOUS: 467,678 sq ft PERVIOUS: 291,452 sq ft

OPEN PARK PUBLIC SPACE: 201,452 sq ft BUILDING FIRST FLOOR:198,379 sq ft BUILDING SECOND FLOOR: 296,185 sq ft STREET SURFACE AREA: 87,693 sq ft PEDESTRIAN PAVED: 142,352 sq ft URBAN CANOPY: 205,735 sq ft

URBAN CORE SHOP & EAT



ACTIVATED ALLEY WAYS



LIVE OAK CANOPY

5' BIOSWALE

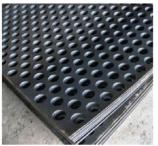


- 12'LANE -

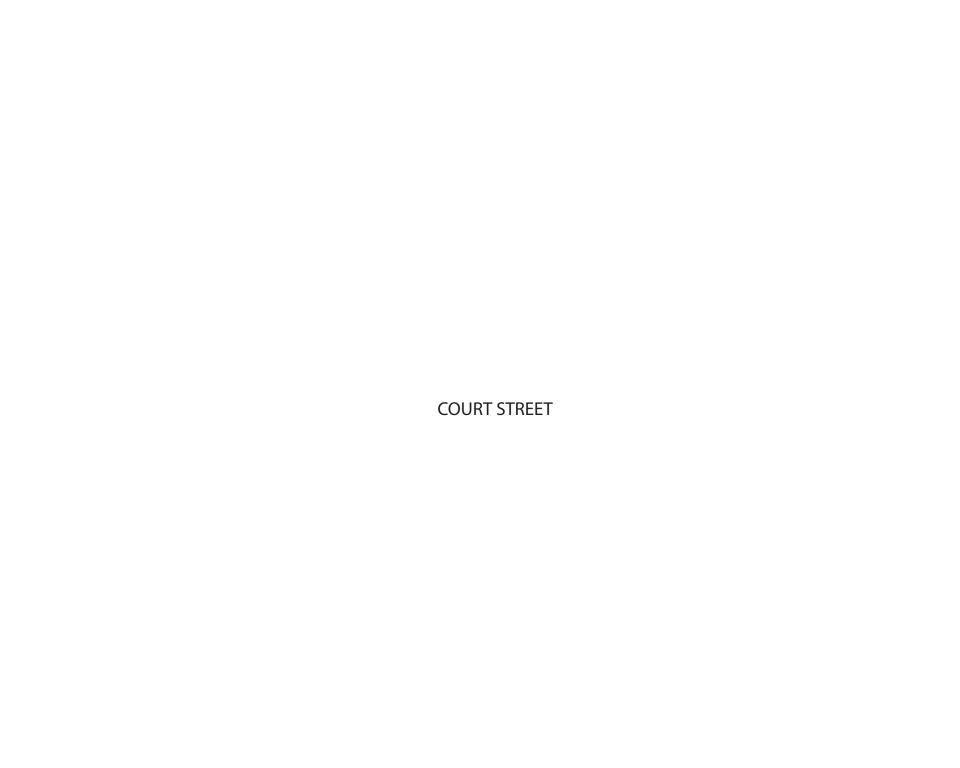


5'STORM-WATER GRATE 10'SIDEWALK -

12'LANE









COURT STREET REDESIGN



COLLIN BOWIE + UNIVERSITY OF FLORIDA

EXISTING CONDITIONS

CONSTRAINTS

- Lack of shade
- Unused R.O.W Space
- Vacant lots
- Vague street parking designation
- Buildings sit far from street
- -Lack of engangement

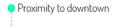
OPPORTUNITIES

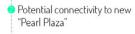
- -Proximity to downtown
- Connectivity to new "Pearl" Plaza"
- Attractive view to courthouse
- Potential for infill











Attractive view to courthouse

Infill potential

CONSTRAINTS



Lack of sidewalk shade

Barbed wire: intimidating

Thin planting strip

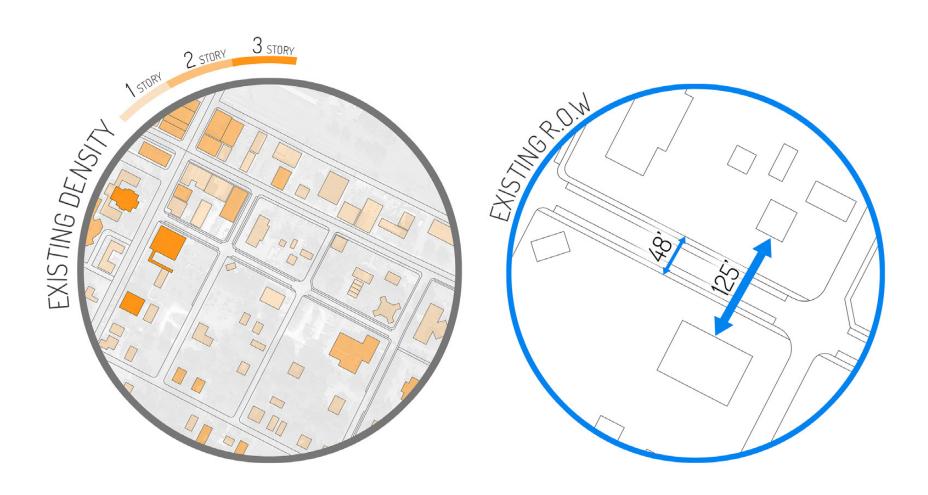








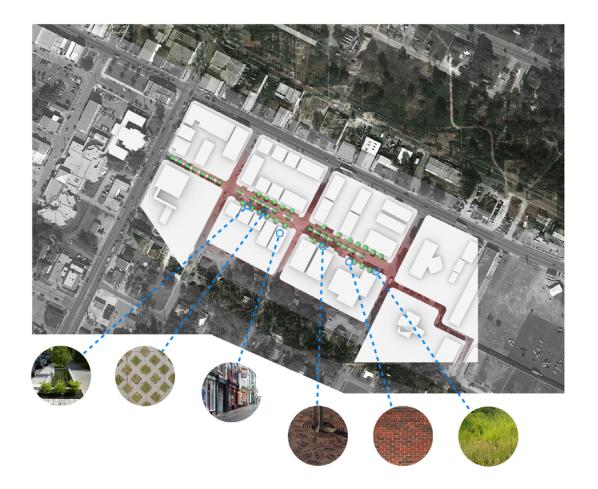




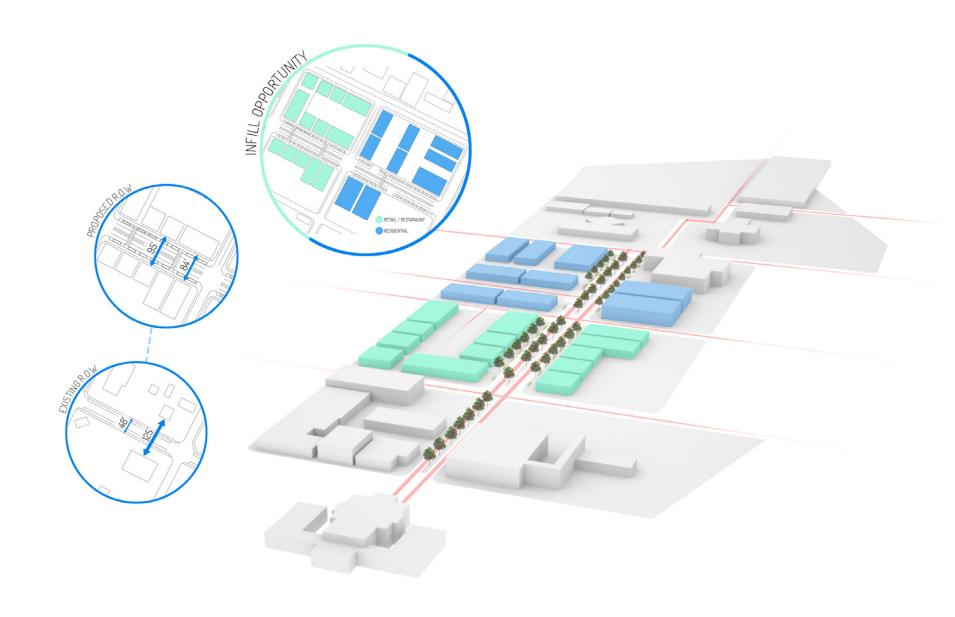
PROPOSED DESIGN

GOALS + OBJECTIVES

- Widen pedestrian space while decreasing total R.O.W. Space.
- Create a comfortable street
- Incorporate a variety of users
- Provide a mix of retail and residential infill.
- Contribute to greater Live Oak revitalization.



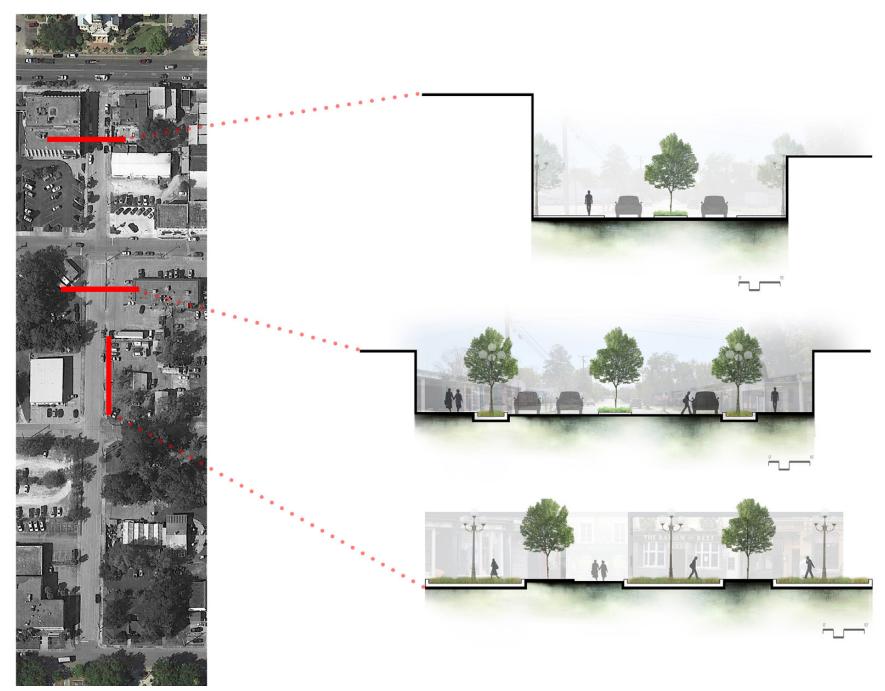
Court Street has the potential to become not only more comfortable but a destination in itself. This process begins by eliminating the obvious unpleasantries: overhead powerlines and barbed wire fencing. Shade is introduced though a linear grove of street trees, both down the median and flanking both sides of the roadway. Stormwater is directed to recessed planted swales where it is filtered by vegetation and allowed to percolate back into the ground. Infill has been brought closer to the street resulting in a decrease in wasted right-of-way space and includes both retail and residential opportunities. This engages a variety of users and creates a usable and exciting space both during the day and at night.





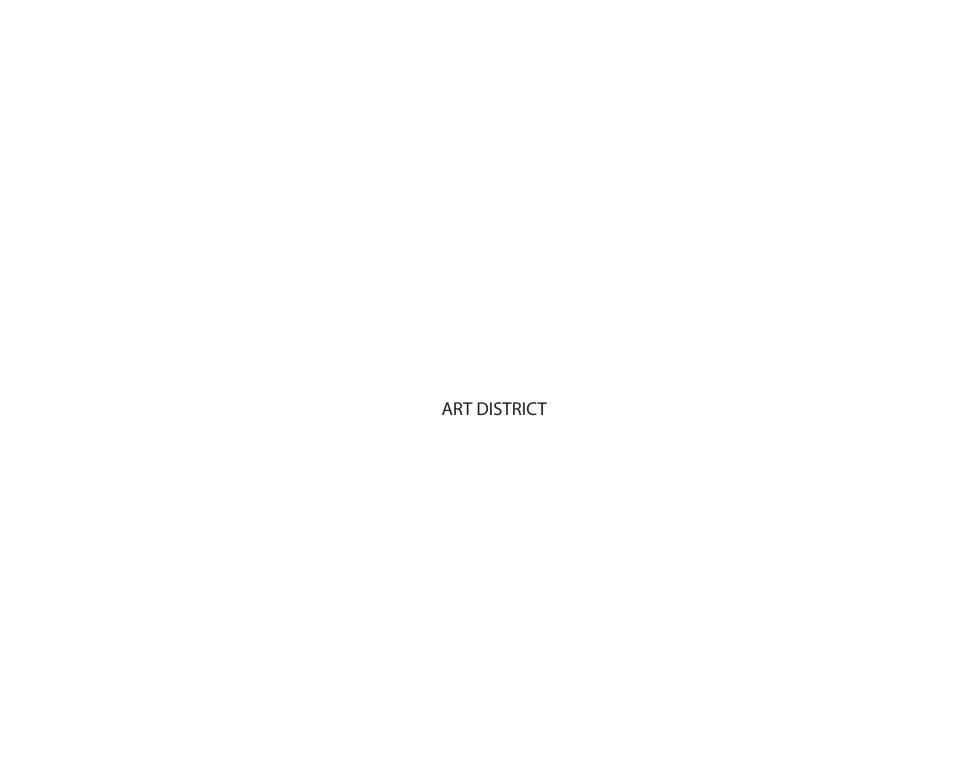




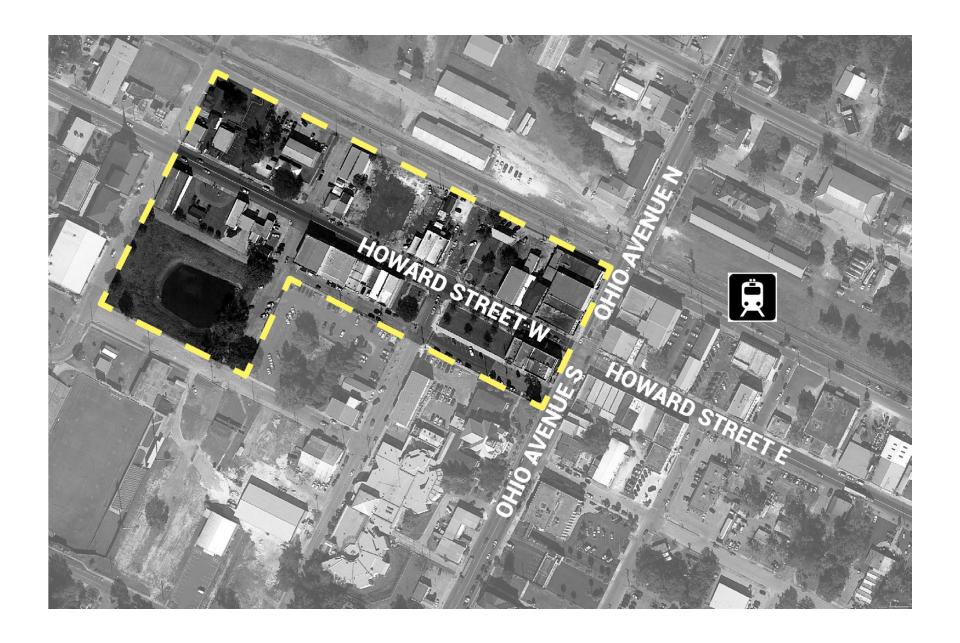




The team preparing to board the Amtrak for their Case Study Research



THEARTS
DISTRICT
ON
HOW-



PROJECT BOUNDARY













SEARCHING FOR AN ARTS DISTRICT IDENTITY



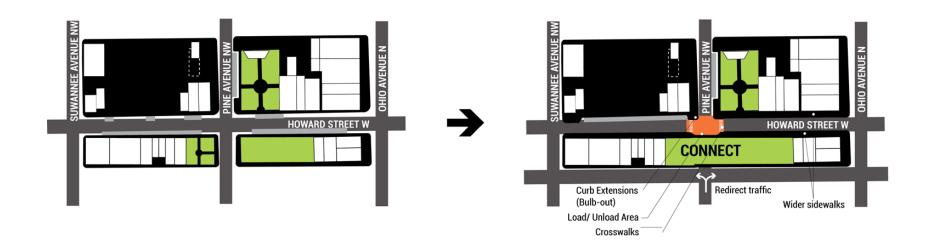
A COMMUNITY EFFORT

A community that expresses their ideas and character are sure to attract visitors from places near and far for a peek at a lively Live Oak. A core space, event, or symbol can help foster an identity for the Arts District that would strengthen its ties to greater Live Oak.

CATALYST TO DEVELOP AN ARTS DISTRICT IDENTITY SOCIALLY & CULTURALLY

IMPROVING THE PEDESTRIAN EXPERIENCE

TRI-PARK INTERSECTION



Speed table flushed

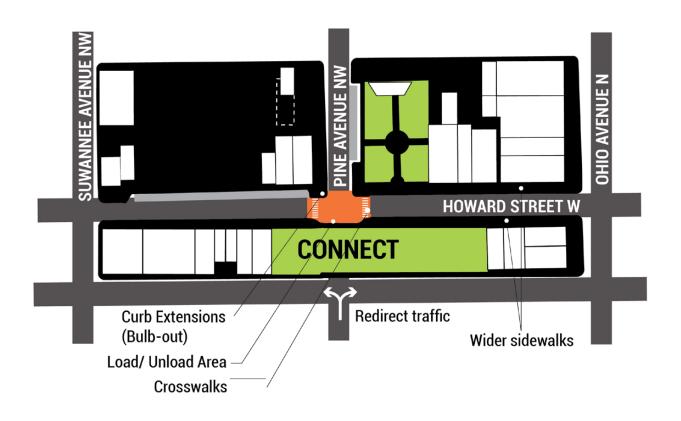
with curb

Park

Parking

Existing Building

Undeveloped or Pathways





BULB-OUTS





CROSS-WALKS

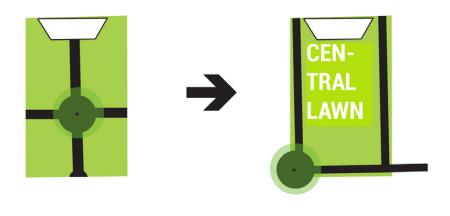




SPEED TABLE



WHAT CAN THESE LOOK LIKE?



MILLENNIUM PARK



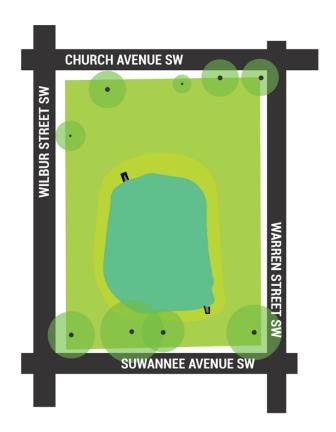


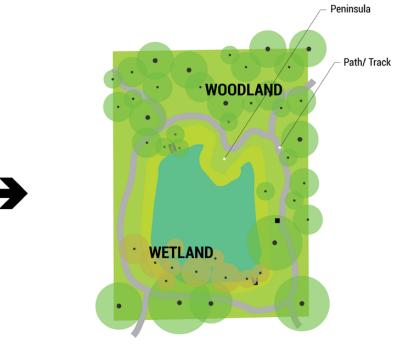
Millennium Park, Chicago, IL



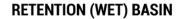
Nasher Sculpture Center, Dallas,

EXAMPLES OF PARKS WITH CENTRAL LAWNS



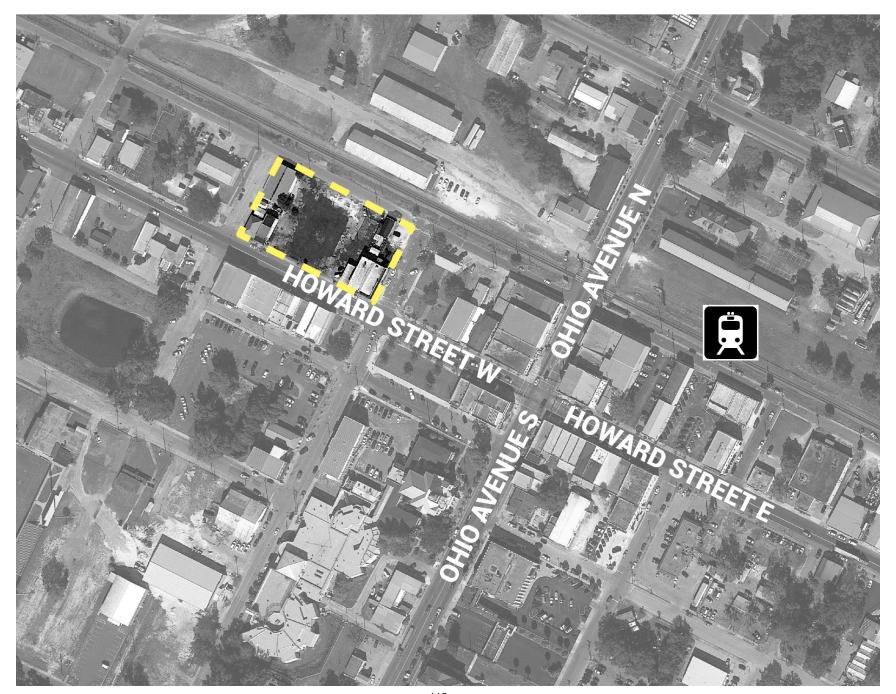


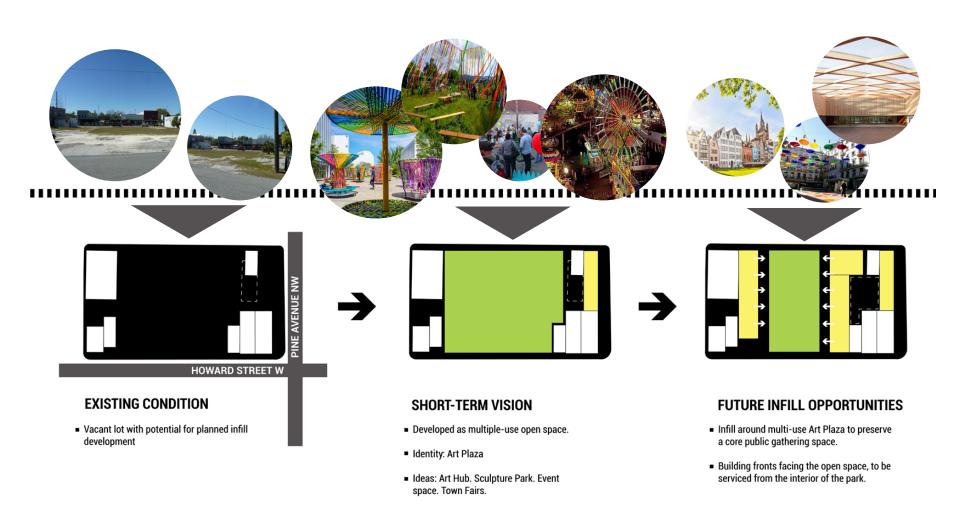
While the basin stores a permanent level of water, wetland species can filter stormwater, provide habitat, and a place for the public to utilize.











Undeveloped or Pathway

Existing Buildings

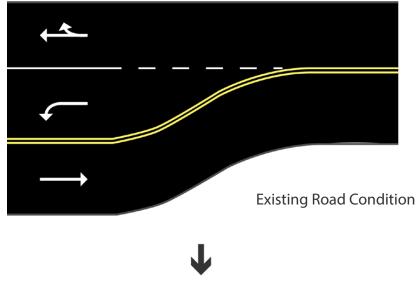
Courtyard

Proposed Development

Open Space

ROAD DIET STRATEGIES



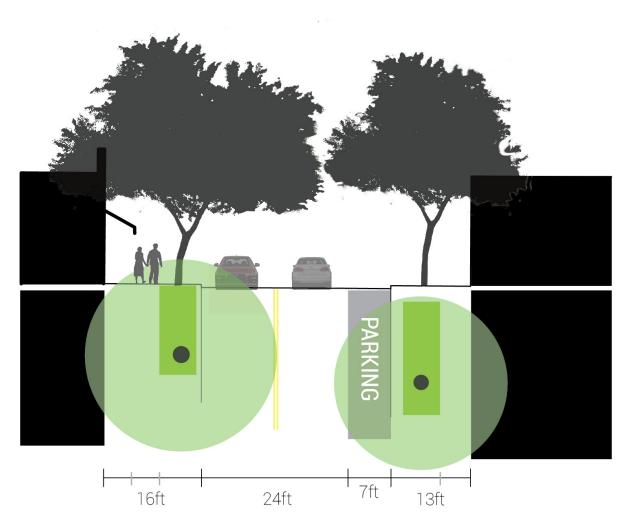


A method to reclaim public space back for the pedestrian is to analyze existing road conditions to possibly reconfigure the number of lanes and lane widths.



Proposed

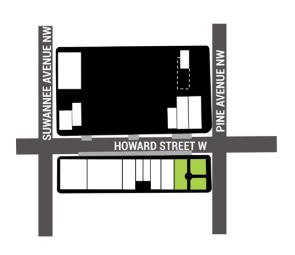




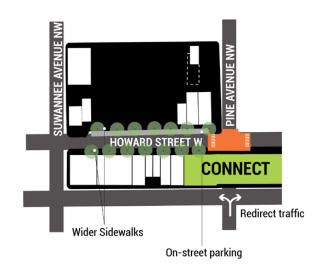
SECTION PLAN

Between Suwannee and Pine

1:20



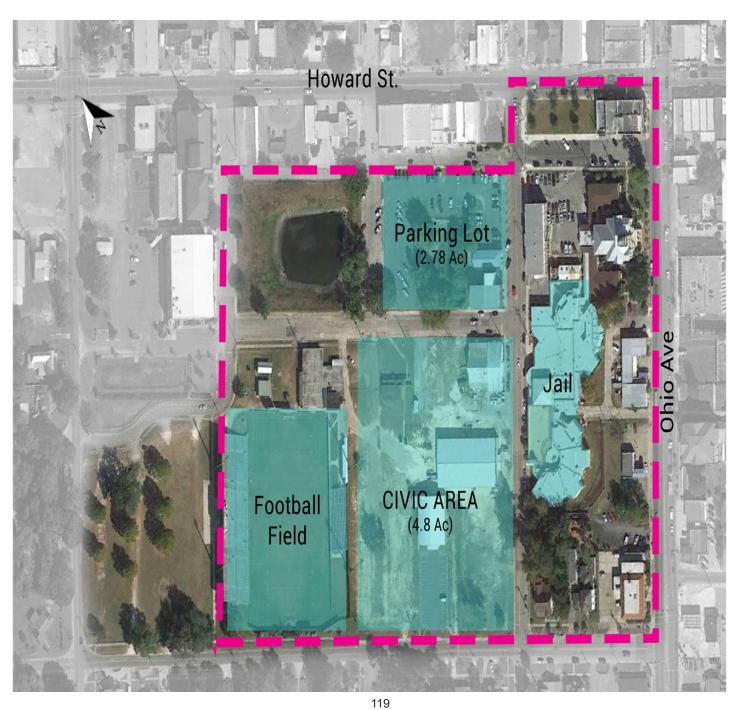


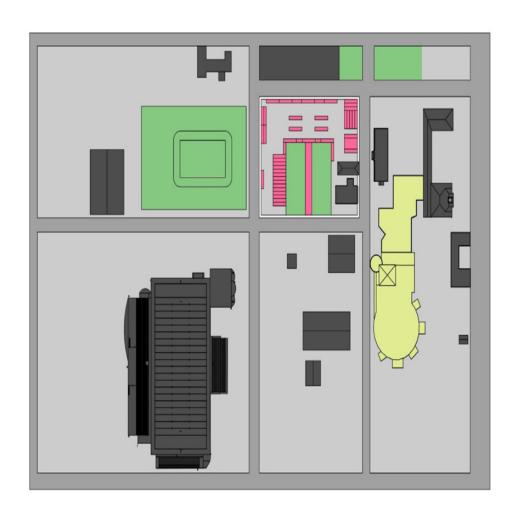




Between Suwannee and Pine







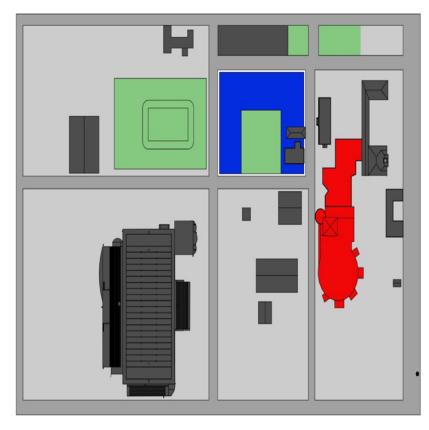
Phase 1- Immediate

- · Relocate / Retrofit Jail
- PopUp Urbanism





SWOC ,Goals & Objectives



Opportunity



Strength:

Train Proximity

Ample Parking

Architectural character

Park

Weakness:

Walk-ability

Lack Vegetation

Opportunity:

PopUp Urbanism

Connectivity

Concerns:

Jail Proximity

· Ohio Ave.

Goals

Pop, Drop, and Lock it · Walkable Community

Objectives

Provide Live / work housing



Suwannee County Jail

Current Capacity - 150 Inmates

Concerns

- As city grows, jail wont' hold
- Located in downtown
- Influence on downtown

Recommendation

· Relocate and Retrofit Land Use

	Live Oak	Lake City	Madison	Winter Park
Distance to	1/4 mi.	1.70 mi.	3/4 mi.	7.8 mi.
Jail Capacity	150	894	205	1,053
Populati on	6,969	12,100`	2,901	28,771

Recommendations





Vista Cinema Theatre, Los Angeles, A

Reilly Arts Center, Ocala, FL



Parking Lot

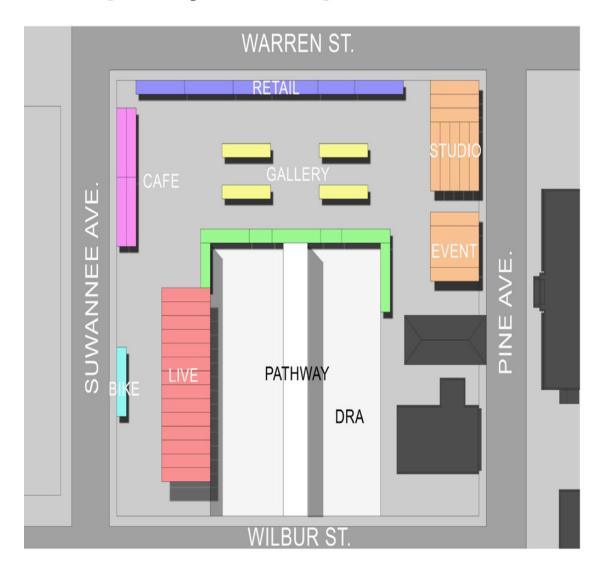
Opportunity

- Centrally located in Downtown
- Vegetated pond

Recommendation

PopUp Urbanism

Temporary Development

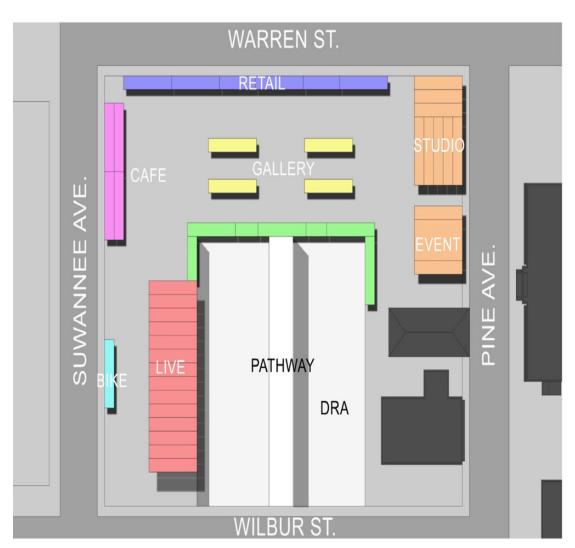




Temporary Development



Temporary Development

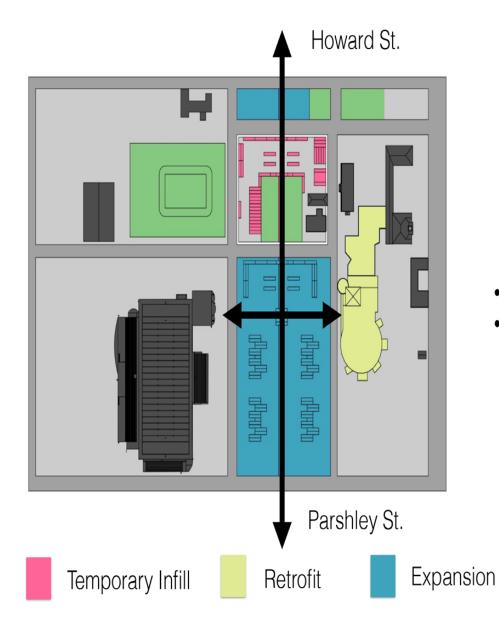






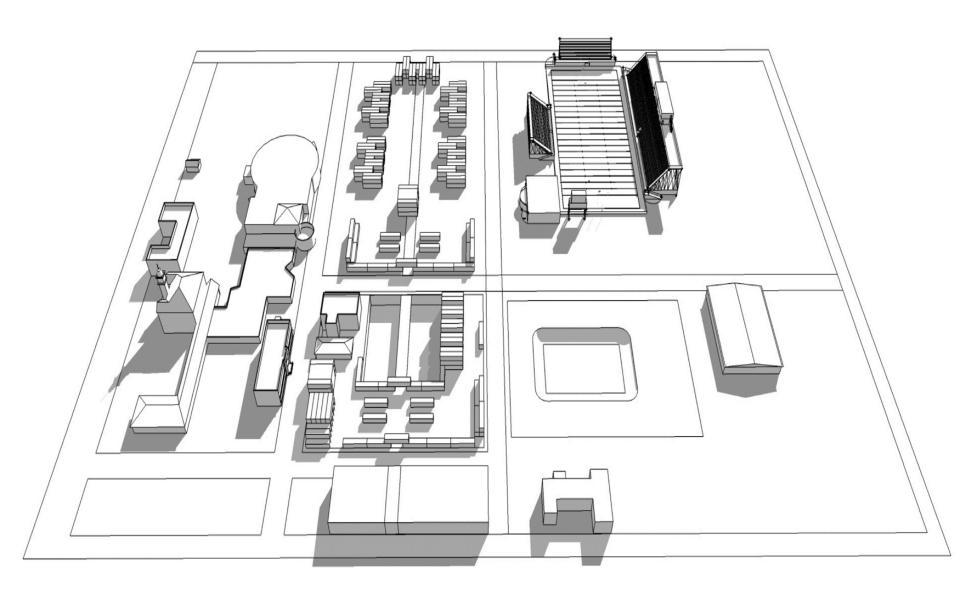


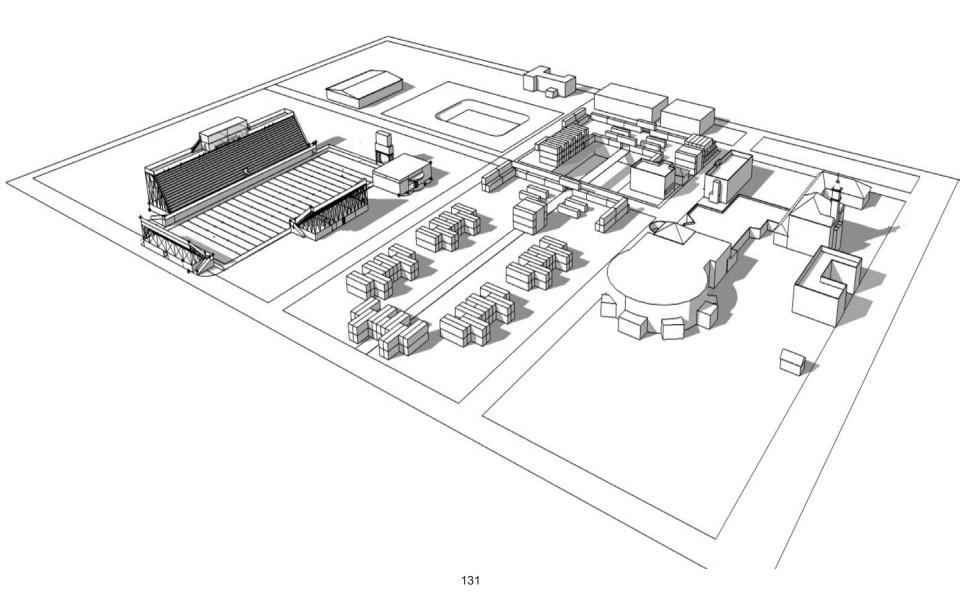




Phase 2 - Long Term

- Connectivity
- PopUp Urbanism Expansion







Suwannee High Football Field - Before



Suwannee High Football Field - After



THANK YOU TO THE CRA AND THE CITY OF LIVE OAK FOR ALLOWING THE UNIVERSITY OF FLORIDA DEPARTMENT OF LANDSCAPE ARCHITECTURE, CLASS OF 2018, TO BE A PART OF THIS PROCESS

