

# THE LEVELING FIELD

# THE LEVELING FIELD TEAM



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# TRACING EVIDENCES OF INEQUITY IN NORTH CHARLESTON







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ENA

THE BLACK HOMEOWNERS WERE DISPLACED AND THEIR SALT MARSH WAS TURNED INTO A CITY LANDFILL. GREEN:MARSH TO DUMP GADSEN (



EC0

hits Charlesto

# NATORY WORKING CONDITIONS DISCRIMI

FLSA INCREASES WAGES FOR SECTORS THAT DO NOT INCLUDE BLACK WORKFORCE.



ED

RATIO OF EXPENDITURE FOR BLACK AND WHITE STUDENTS IS 1:4.



E00

# 19 65

COMMUNITIES IN LIBERTY PARK AND HIGHLAND TERRACE WERE DISPLACED. -526 CONSTRUCTION



EN

HURRICANE HUGO



80% OF THE HOMES AND BUSINESSES IN NORTH CHARLESTON WERE RIPPED OFF.





NC NAVA

CLOSURE OF THE NAVAL BASE TAKES AWAY ECONOMIC OPPORTUNITIES FROM RESIDENTS. **BASE SHUTS DOWN** 



# 3882 DAMAAGED STRUCTURES WERE IDENTIFIED ACROSS THE COUNTY. HURRICANE FLORENCE

**LEVELING** THE

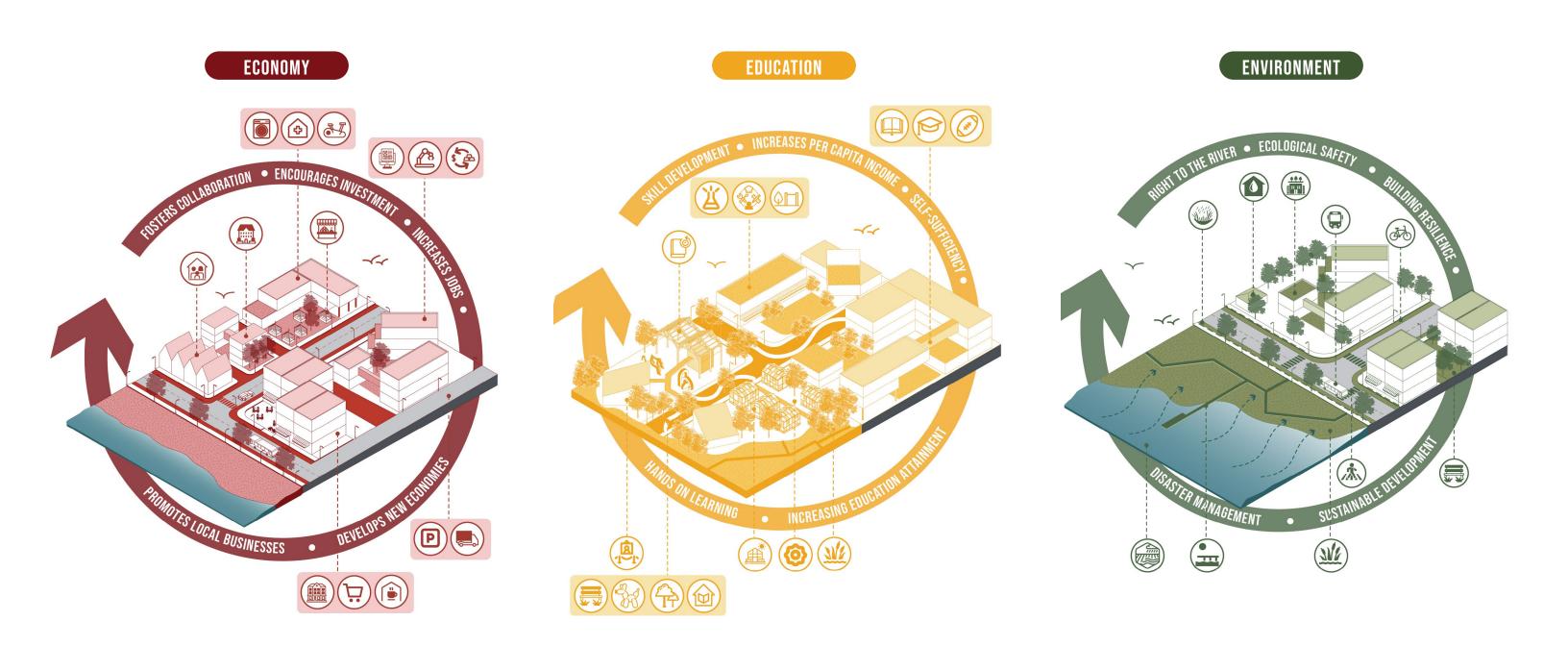
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23	FIELD
20%	INITIATIVE

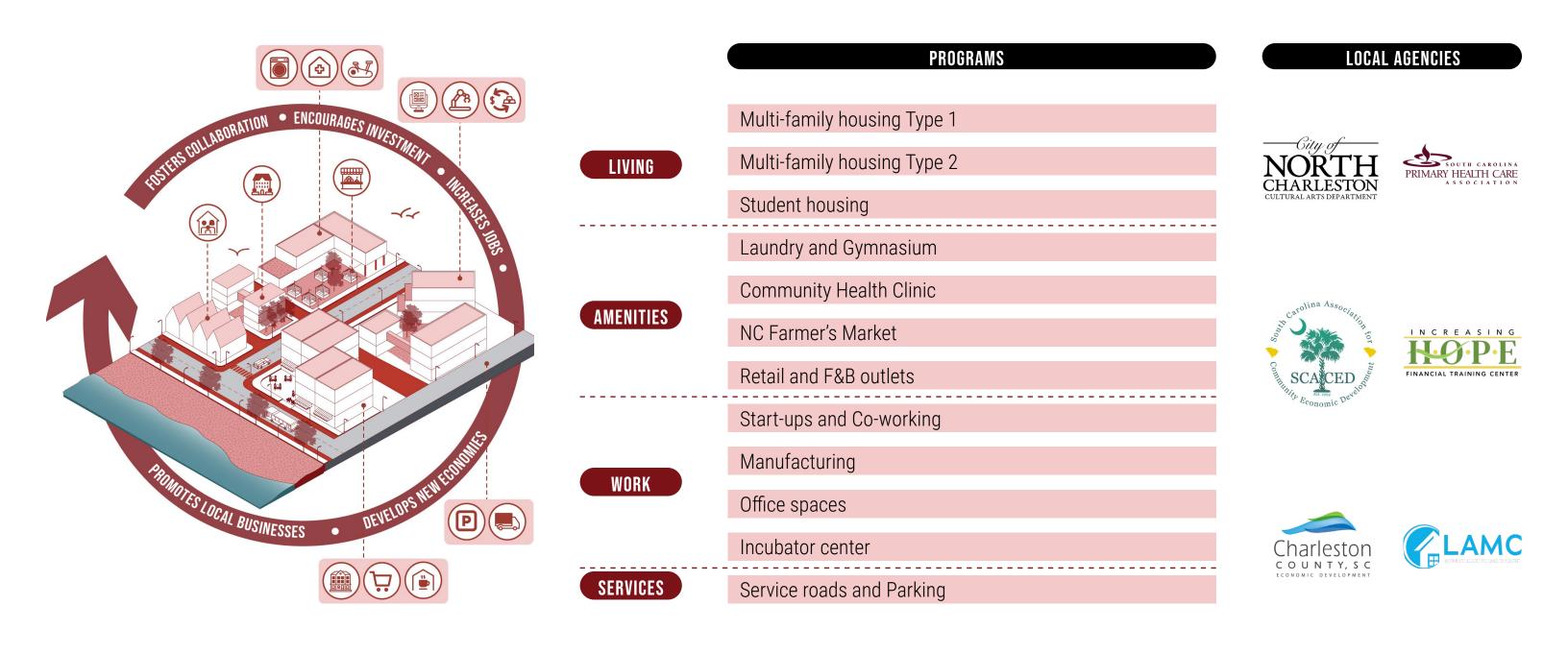
THE LEVELING FIELD 2023 - 9170

HIGHWAY

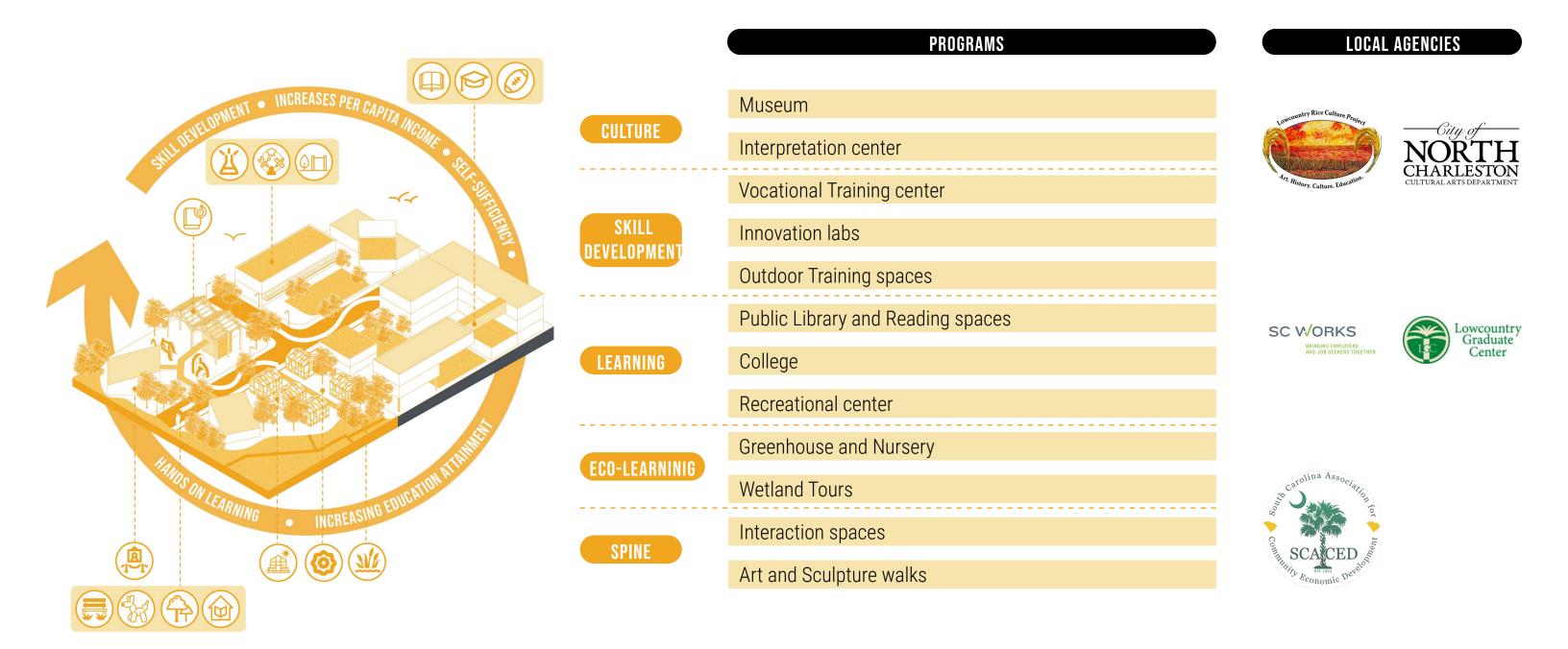
# THE LEVELING FIELD INITIATIVE



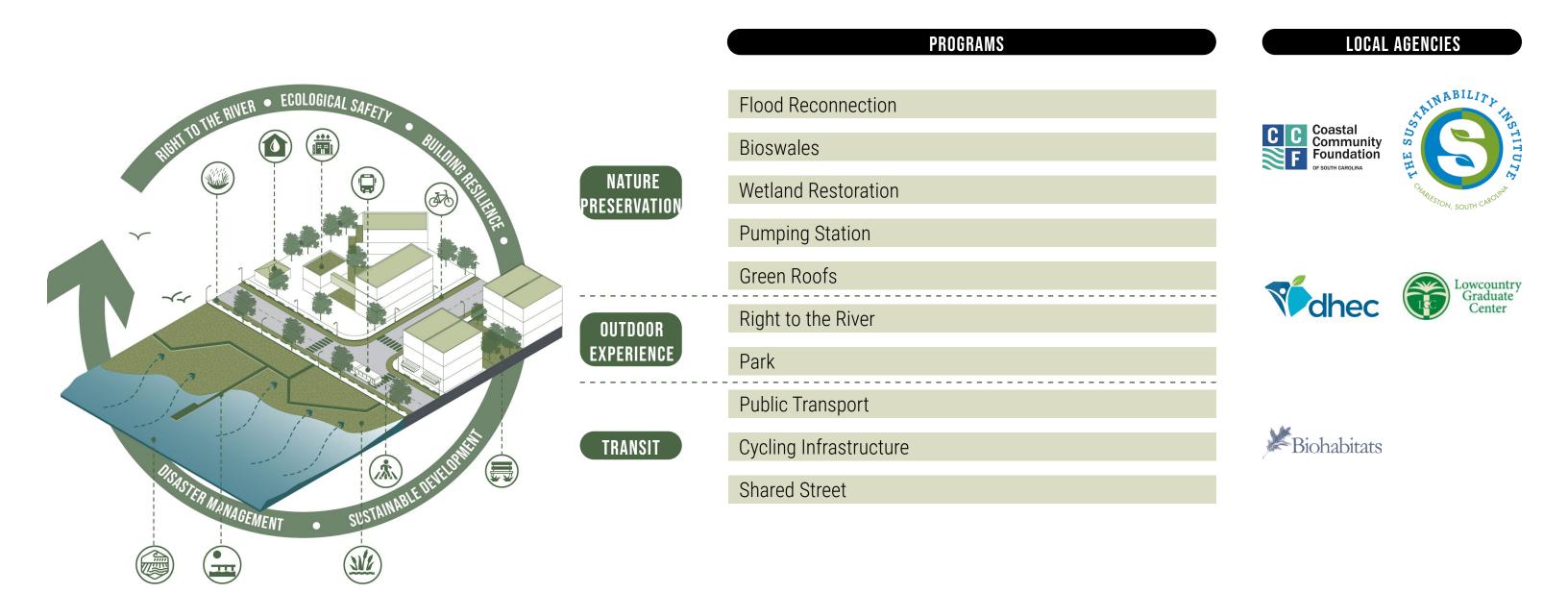
# THE LEVELING FIELD INITIATIVE: ECONOMY



# THE LEVELING FIELD INITIATIVE: EDUCATION



# THE LEVELING FIELD INITIATIVE: ENVIRONMENT



# **NARRATIVE SUMMARY**

'The Leveling Field' initiative is an ambitious effort to repair the damages caused by a long history of economic, educational, and environmental injustices and create a brighter and more inclusive future for the community of North Charleston. Situated adjacent to the Cooper River, it represents a transformative opportunity for the community to acquire the skills, knowledge, and training required to thrive in today's fast-paced economy. At the core of the proposal, a green spine connects the city and its people to the water's edge to become a place for equity. This mixed used development is flanked by environmental, educational, and economic programs, to address the urgent needs of the community while promoting long-term sustainability.

#### INCREASING EDUCATION ATTAINMENT LEVELS - EDUCATIONAL EQUITY

The initiative acknowledges the existing gap between high school and college education in North Charleston, which inhibits the neighborhood to benefit from economic investment in the city. To address this inequity, it provides a Community College for Life Sciences, supported by a Library, Recreational Center and student housing around 'The Learning Ground', to use education as a tool to restore the city's 'Right to Education'.

#### ADVOCATING FOR AN EQUAL DISTRIBUTION OF OPPORTUNITY - ECONOMIC EQUITY

The initiative also supports the economic development and well-being of the city of North Charleston. By providing an Innovation hub along with an opportunity center and startup offices around 'The Capitol', it not only encourages the development of small businesses, but also promotes investment into the city and in turn advocates for the 'Right to equal wealth distribution'.

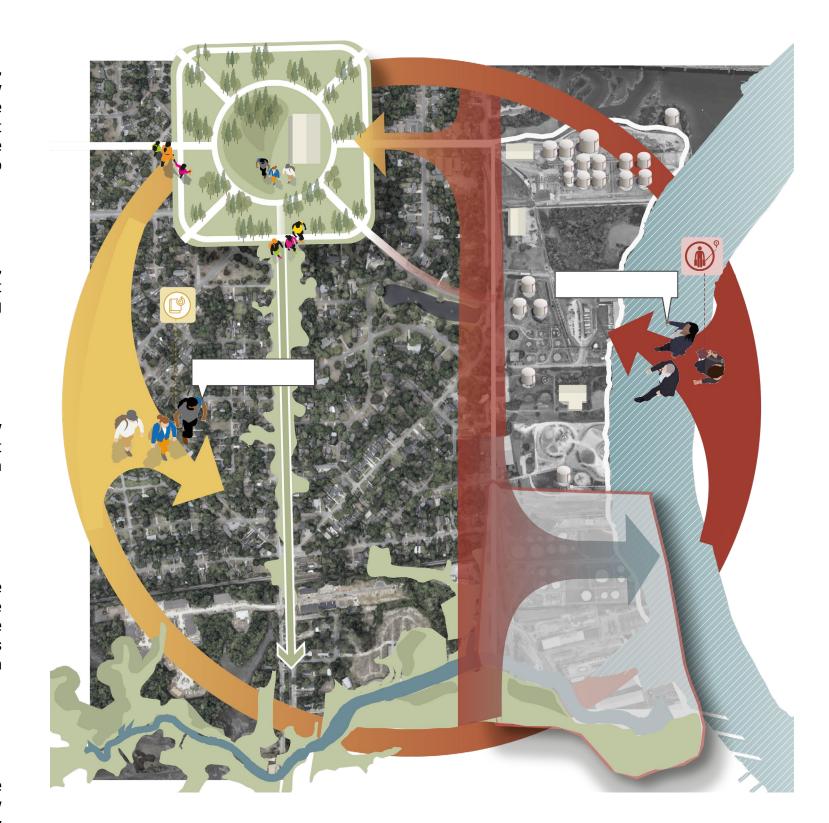
#### INCREASING RESILIENCY - ENVIRONMENTAL EQUITY

Additionally, the initiative strives to be a testament for the City's resilient nature and advocates to conserve the natural ecology of the site. Through a 'Natural History Museum', supported by nurseries and flanked by 'The Meadow', the initiative is a pilot in an extended wetland restoration project to spread awareness about climate change and protect the city from flood risks. Boardwalks along the wetlands form an extension of the city's current efforts to allow the people of North Charleston an opportunity to experience the newly designed green edge of the city.

### PROVIDING CONTEXT-SPECIFIC, AFFORDABLE HOUSING ALONG WITH PUBLIC CONNECTIVITY

At the intersection of these three aims, 'The Leveling Field' Initiative looks at Housing as an extension of the City. By providing both market rate and affordable units, referenced from the City of North Charleston, it not only provides for affordable solutions for the incoming migration, but also serves as an illustration of a community that lives with water.

'The Leveling Field' thus imparts a design framework based on three major principles of equal opportunity to imagine an inclusive and sustainable future for North Charleston.



# **RECONNECTING TO THE CITY**





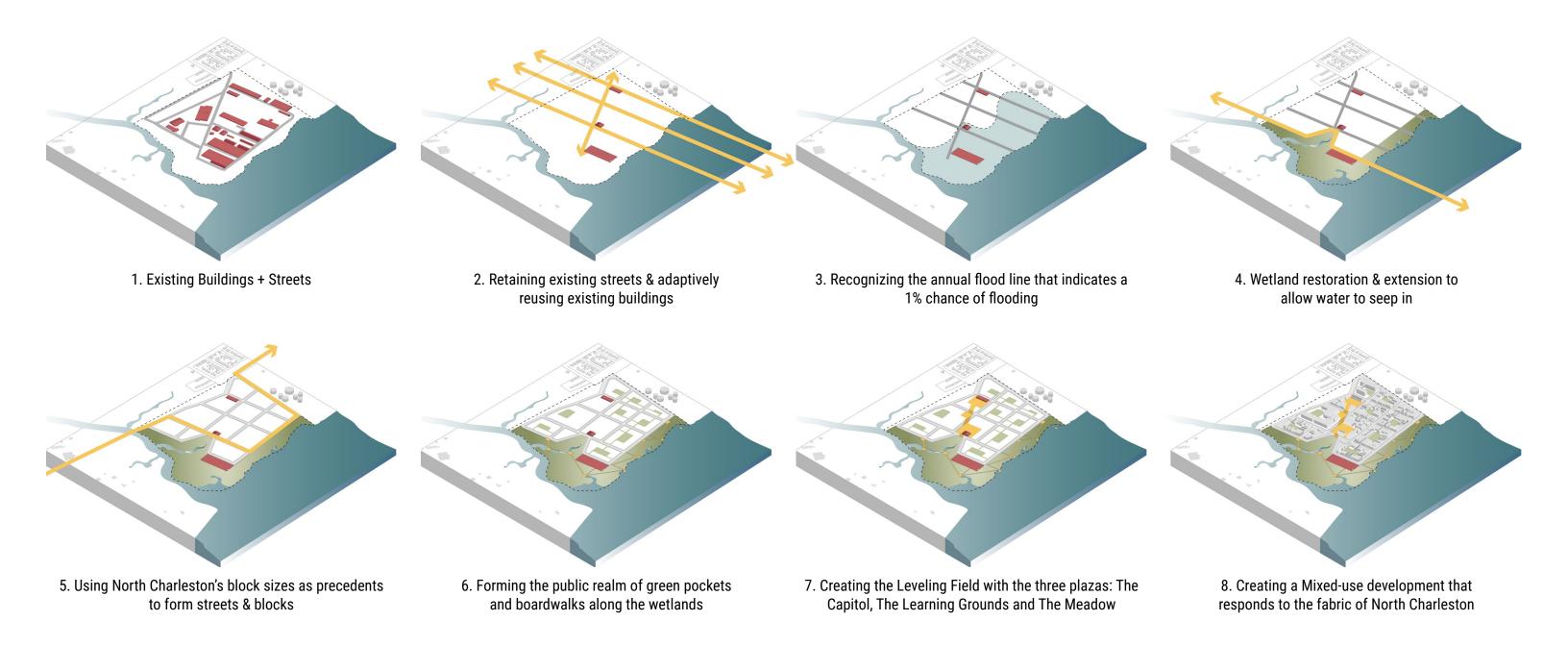


THE LEVELING FIELD INITIATIVE: ECONOMY

THE LEVELING FIELD INITIATIVE : EDUCATION

THE LEVELING FIELD INITIATIVE : ENVIRONMENT

# **DESIGN FRAMEWORK**



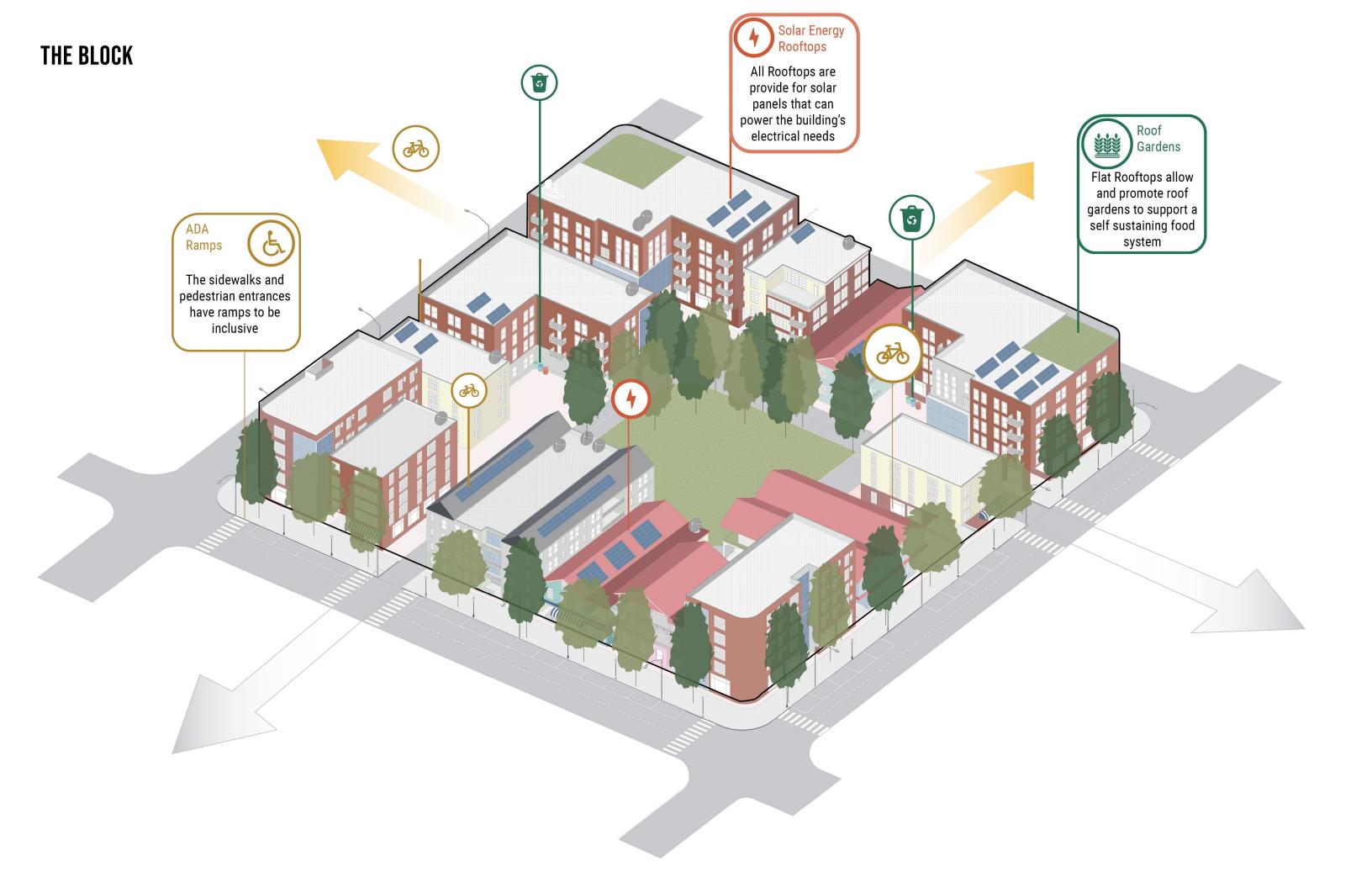


#### **LEGEND**

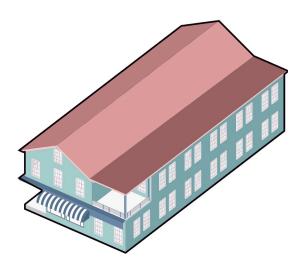
- 01 Innovation Hub
- 02 Daycare
  03 Vocational Training Center
  04 The Capitol
- 05 Exhibition Gallery
- 06 Flex offices & Co-working space
- 07 Senior Living Housing
- 08 Community Center
- 09 Playground
- 10 Parking
- 11 College of Life Sciences
- 12 The Learning Ground
  13 Office Spaces
- 14 Healthcare Center
- 15 The Meadow
- 16 Exhibition Gallery
- 17 Tech Incubator Center
- 18 Entrepreneurship Center
- 19 North Charleston Opportunity Center
- 20 Retail
- 21 Rain garden
- 22 Food and Beverage
  23 Community Garden
  24 Brewery
  25 Public Library

- 26 Student Housing
- 27 Laundry and Gymnasium
- 28 Greenhouse & Nursery
- 29 Pumping Stations
- 30 Wetland Tour
- 31 Museum of Natural History
- 32 Pedestrian Bridge
- 33 Riverfront Park

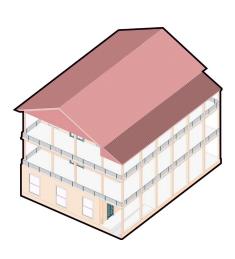




# **BUILDING TYPOLOGIES**

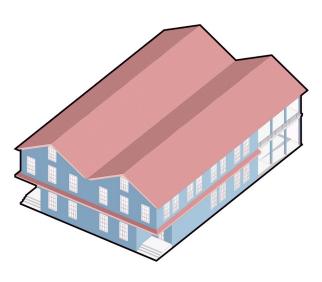






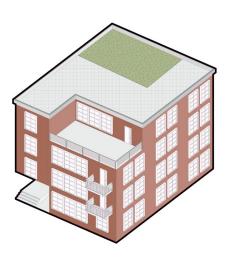
#### **MULTI FAMILY TOWNHOUSE**

A town house with multiple units accessed via a common corridor or passage.



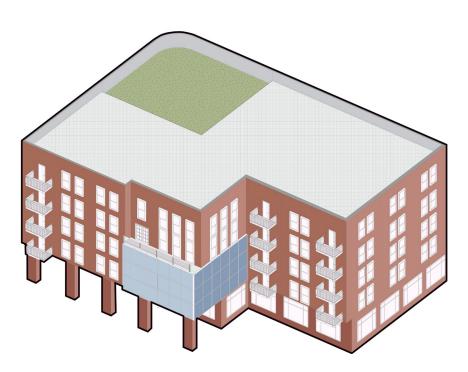
### **MULTI FAMILY SIDE BY SIDE**

A detached structure that consists of two dwelling units arranged one above the other, each with an entry from the street or the courtyard.



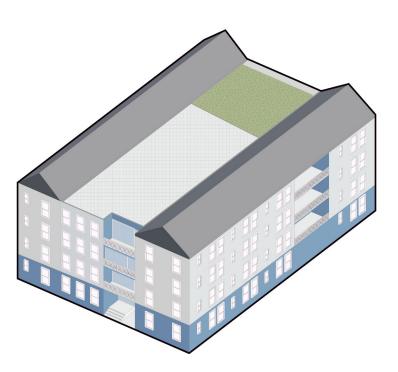
## **SMALL STACK APARTMENTS**

A detached structure that consists of 4 dwelling units typically stacked on top of each other on consecutive floors.



## **UPSCALE APARTMENTS**

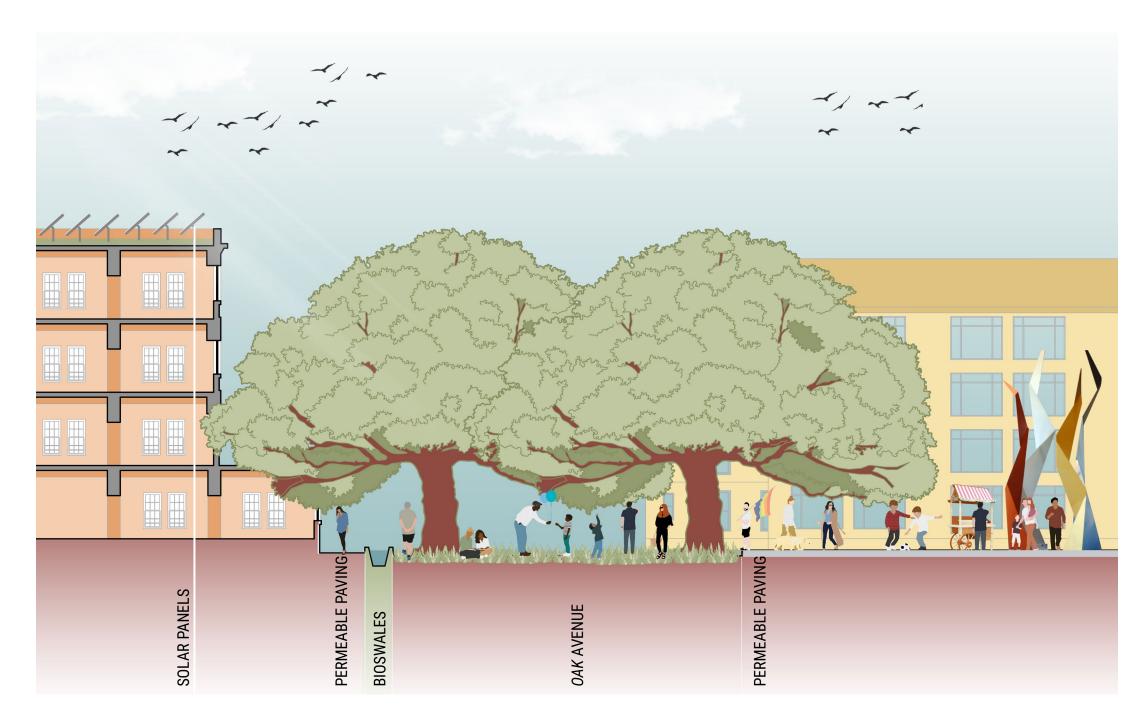
A modern apartment building with attractive lifestyle amenities like a gymnasium, common hall etc.



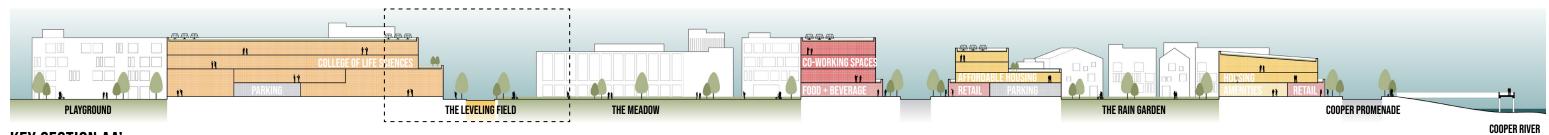
## STUDENT HOUSING

Provided by the college of Life Sciences, students can choose to live in close proximity to campus. Shared/Individual rooms available.

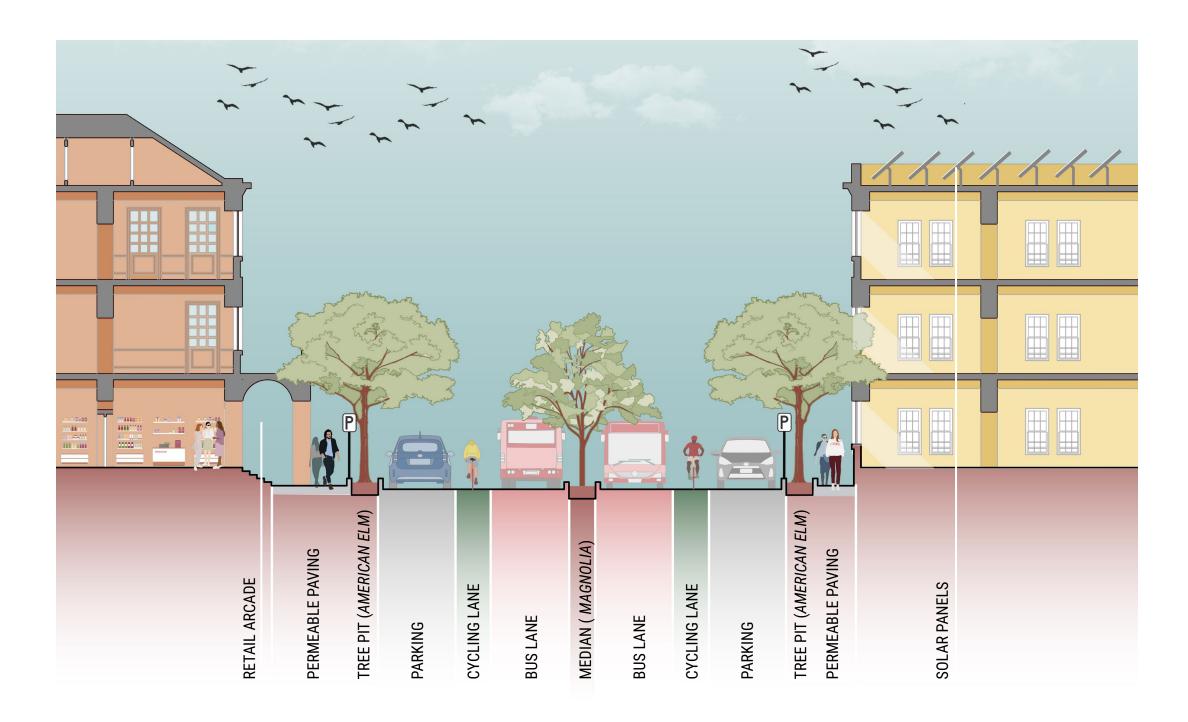




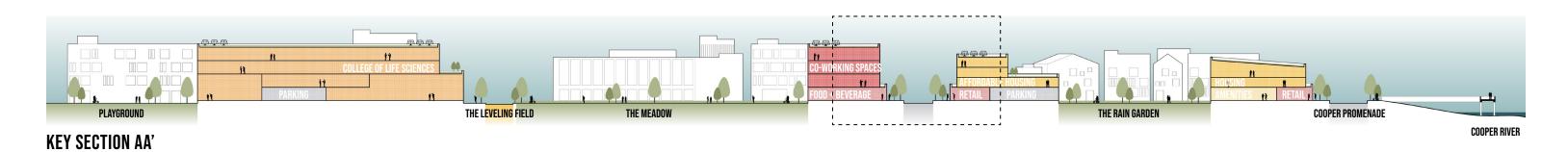
**SECTION ALONG THE LEVELING FIELD** 



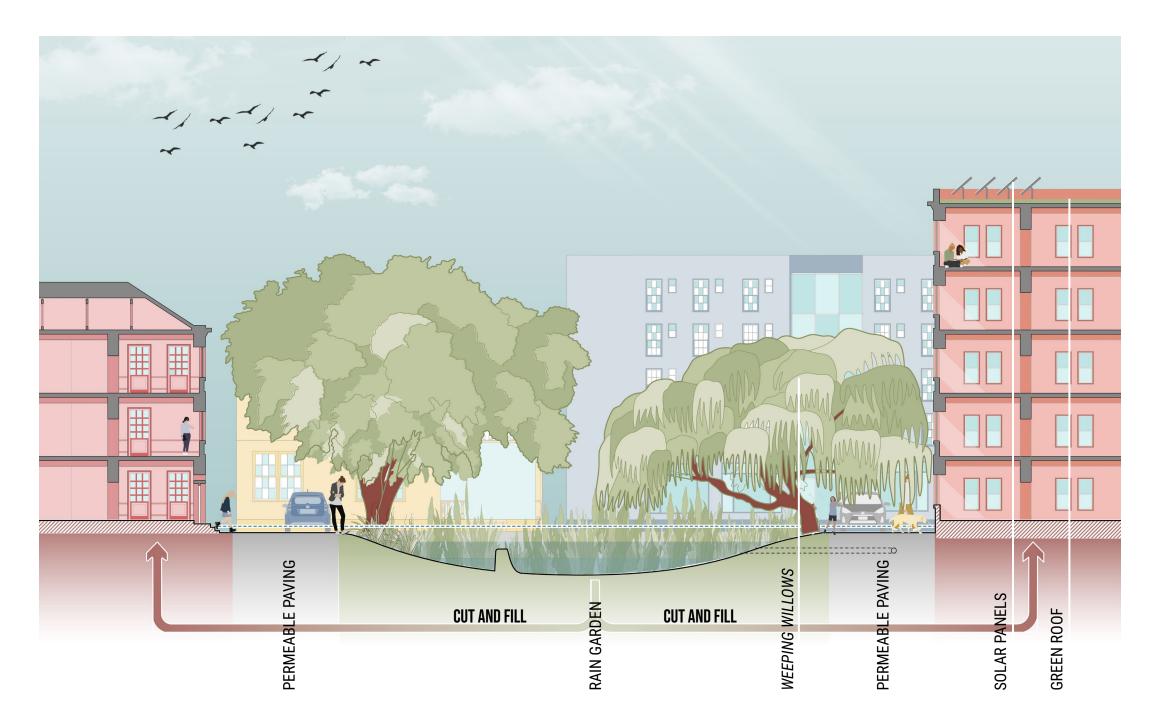




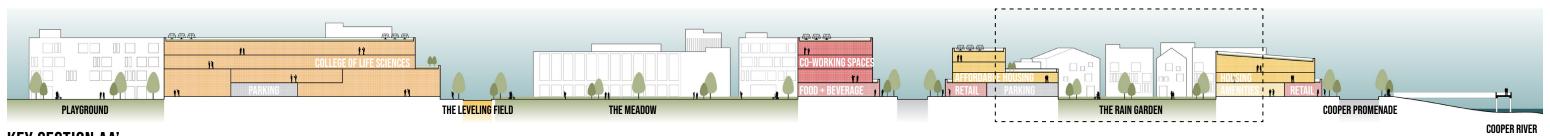
# **SECTION ALONG THE NOISETTE AVENUE**





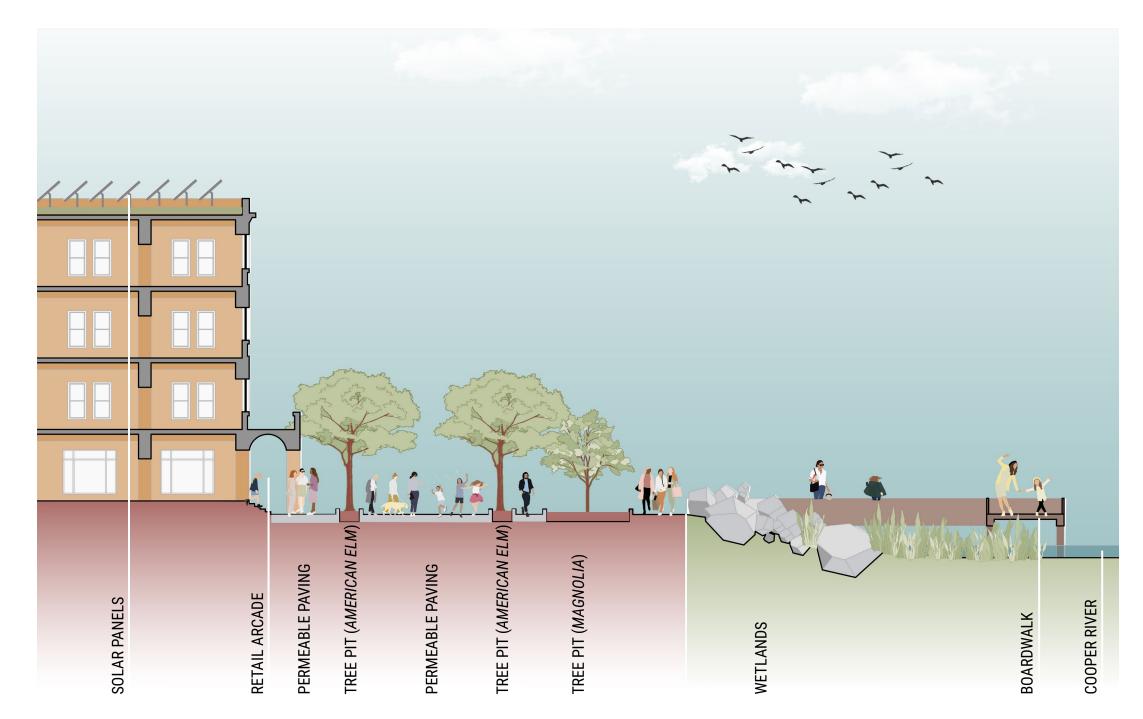


# SECTION ALONG THE RAIN GARDEN

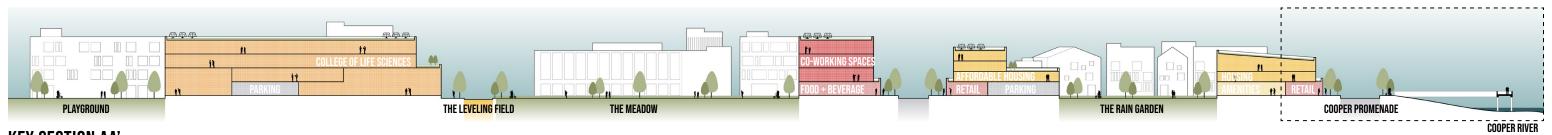


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**SECTION ALONG THE COOPER PROMENADE** 





# LIFE AT THE LEVELING FIELD





Augusta, 28 (Immigrant Worker)

"As someone hesitant to leave Texas, I was intrigued when I learned about the "Leveling Field" initiative in North Charleston. It has all the resources a new business needs to succeed, from co-working spaces to tech incubators. It's an exciting and supportive environment for entrepreneurs like me. I am thrilled to now call this community my home!"



Laron, 36 (local resident)

"As a local resident of North Charleston, my family and I come to the Riverfront Walk of the Leveling Field every weekend. It has become a vital part of our lives that we look forward to. Being able to access the Cooper River and connect with nature has brought us closer as a family. We are grateful for this beautiful space that enriches our lives!"



**Zola, 69 (Senior Environmentalist and Resident)** 

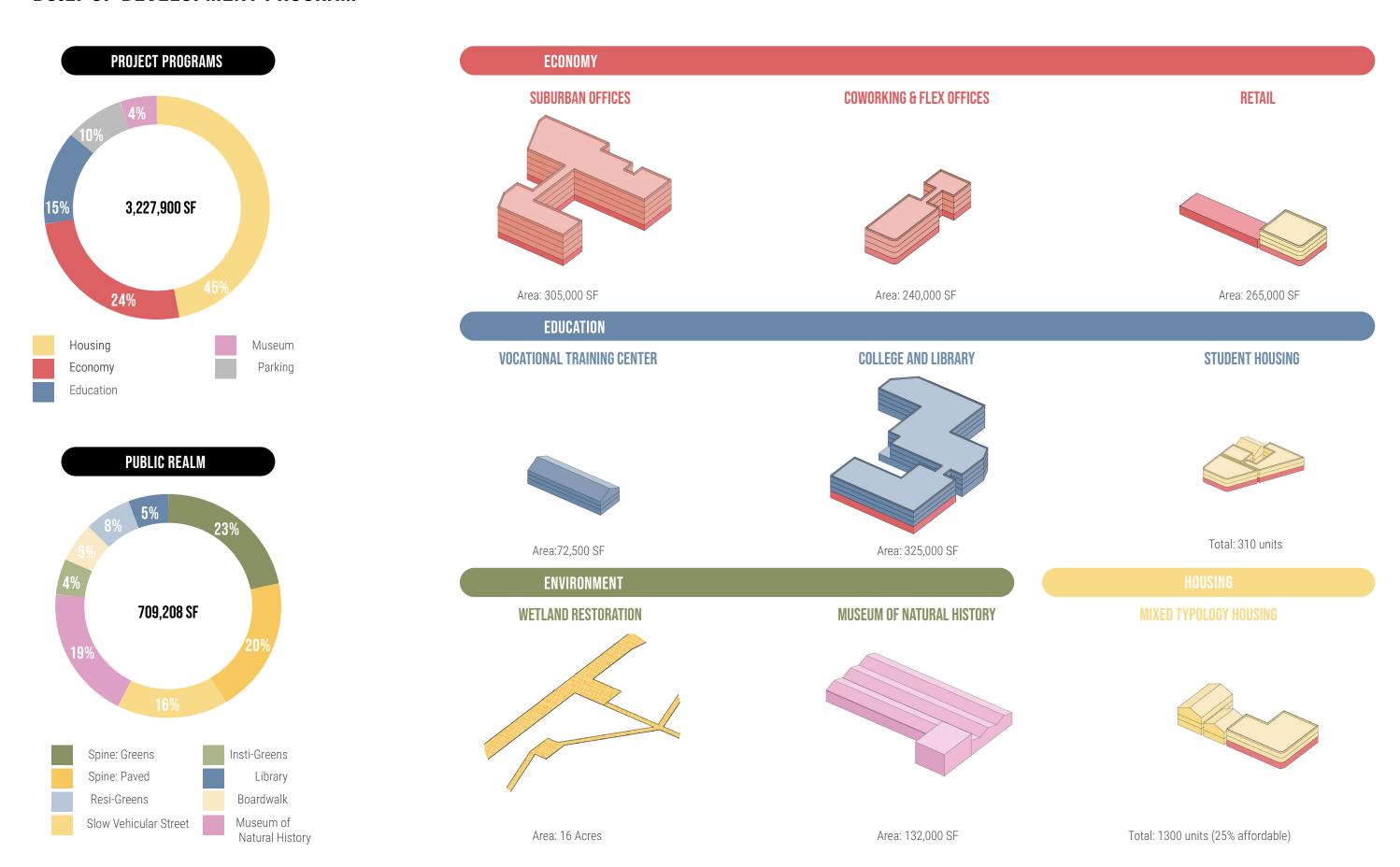
"Having lived through the development of North Charleston, I am glad to see the city finally focusing on preserving its natural history. The restoration of wetlands is a step in the right direction, and I appreciate the effort to bring attention to the city's environmental heritage and developing the Museum of Natural History."



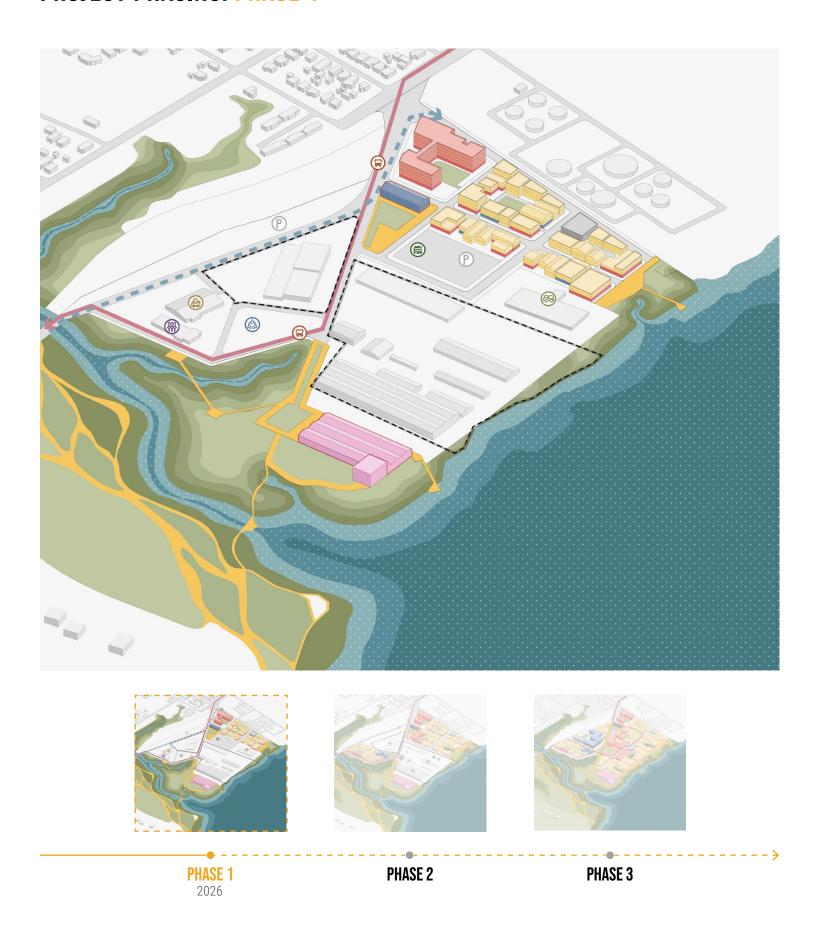
Liam, 20 (Student)

"Having a college education within North Charleston is a blessing as I can support my family while studying. The amazing library space and student hostel with creek views has exceeded my expectations. Being close to the innovation hub is a huge plus as I am about to graduate and want to explore the opportunities it presents."

# **BUILT UP DEVELOPMENT PROGRAM**

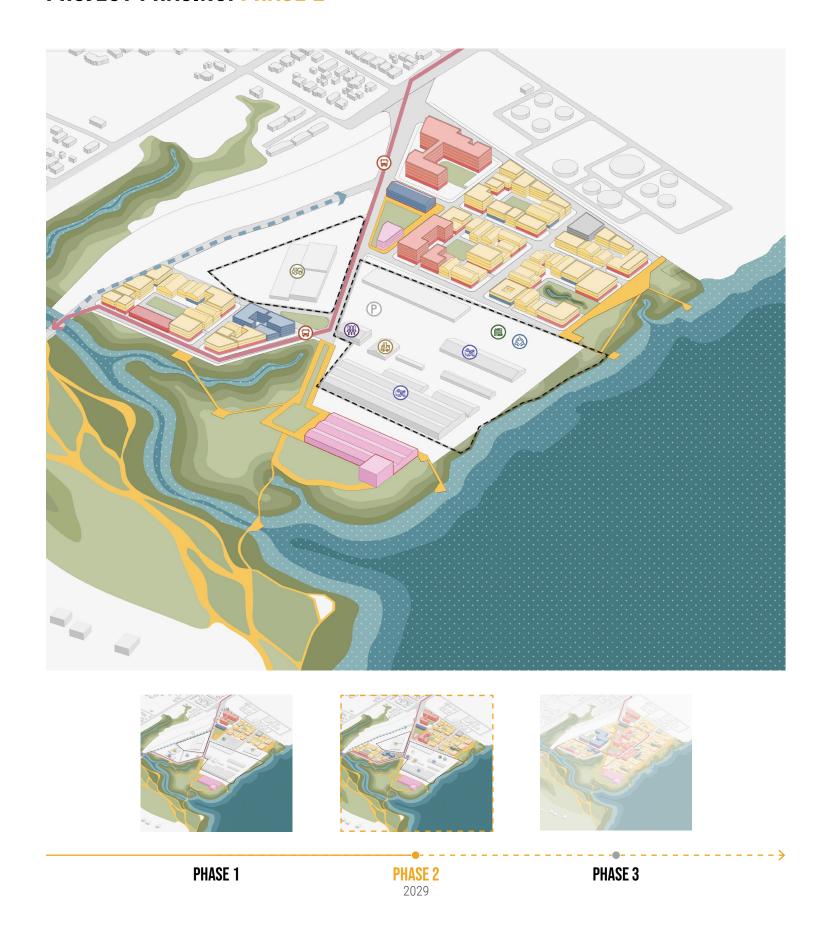


# PROJECT PHASING: PHASE 1



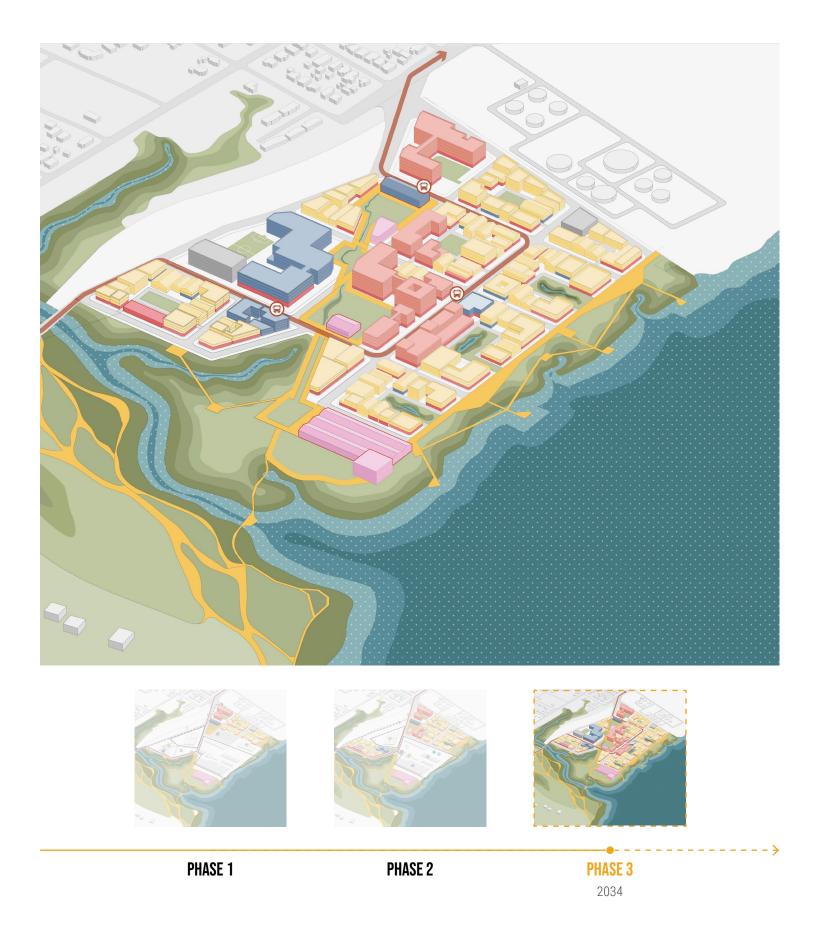
PHASE 1 PROGRAMS	AREA (SQ.F	т.)	UNITS		
Market Housing (Rentals)	112,260	12.75%	101		
Market Housing (Condos)	202,140	100%	182		
Affordable Housing (Rentals)*	74,840	28.05%	57		
Affordable Housing (Condos)*	134,760	100%	121		
Student Housing		00%			
Class A Suburban Offices	163,700	53.88%			
Flex & Co-working Offices		00%			
Retail	68,000	25.59%			
College & Library		00%			
Vocational Training Center	20,800	28.77%			
Museum of Natural History	132,200	100%			
Structured Parking	95,600	30.77%	637		
*Affordable Housing: 40% of house		NSTRUCTION COST \$30	4,173,650		
18.8%	1.77X	\$ 90M	\$ 90M		
LEVERED IRR	EQUITY MULTIPLE	NET PROFIT	Γ		
ECONOMY		ENVIRONMEN	IT		

# PROJECT PHASING: PHASE 2



PHASE 2 PROGRAMS	AREA (SQ.	.FT.)	UNITS		
Market Housing (Rentals)	384,000	56.38%	345		
Market Housing (Condos)	202,140	100%			
Affordable Housing (Rentals)	96,000	64.03%	74		
Affordable Housing (Condos)	134,760	100%			
Student Housing		00%			
Class A Suburban Offices	163,700	53.88%			
Flex & Co-working Offices	105,000	43.99%			
Retail	76,000	54.20%			
College & Library	38,700	12.00%			
Vocational Training Center	20,800	28.77%			
Museum of Natural History	132,200	100%			
Structured Parking	35,000	42.03%	233		
TOTAL BUILDOUT AREAS  Affordable Housing: 20% of total		ONSTRUCTION COST	\$250,712,662		
19.4% LEVERED IRR	1.90X EQUITY MULTIPLE		\$ 88M NET PROFIT		
ECONOMY		ENVIRON	MENT		

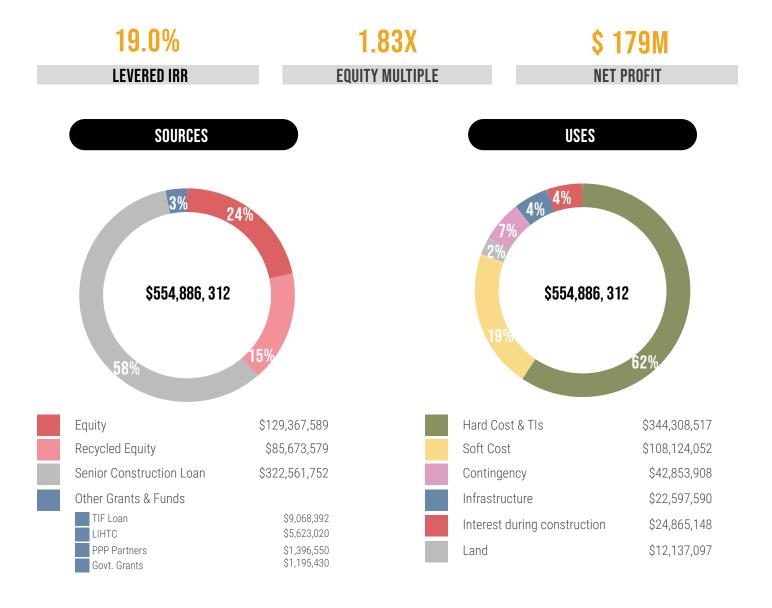
# PROJECT PHASING: PHASE 3



Market Housing (Rentals)			383,920		345
Market Housing (Condos)					
Affordable Housing (Rentals)*			95,980		74
Affordable Housing (Condos)*	134,760				
Student Housing	98,000				
Class A Suburban Offices			140,100		
Flex & Co-working Offices			133,700		
Retail			121,700		
College & Library	283	,900			
Vocational Training Center		51,5	00		
Museum of Natural History	132,200			100%	
Structured Parking			180,100		1,200
TOTAL BUILDOUT AREAS  Affordable Housing: 20% of total	1,448,900 housing bu		ase 3.		

ECONOMY EDUCATION ENVIRONMENT

# **RETURNS SUMMARY & PHASING TIMELINE**



#### POTENTIAL FUNDING PARTNERS









































PHASES		2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034 ONWARDS
-	PRE-DEV. & DEMOLITION						HOUSING (INC	AFFORDABLE), SU	JBURBAN OFFICES.			
PHASE	CONSTRUCTION	5					RETAIL, TRAINING CENTER, MUSEUM					
	LEASE UP/SALE	2										
PHASE 2	PRE-DEV. & DEMOLITION CONSTRUCTION	4 HUU	   Sing (incl. Afford <i>a</i>   Etail, Brewery Rel	   NBLE), FLEX OFFICES,   OCATION   LIRRARY	,							CRES CRES
	LEASE UP/SALE	7AR 2	likit, bilevelii ilee	COATION, EIDIIAIII								21.3 A 21.3 A 4.0 A 5.0
PHASE 3	PRE-DEV. & DEMOLITION CONSTRUCTION	ACRES			ABLE), STUDENT HOUS							
	LEASE UP/SALE	<del></del>	<b>U</b>	FFIGES, GULLEUE, KE	TAIL, EXHIBITION SPA	IUE						

## FINANCIAL SUMMARY

#### THE 'LEVELING FIELD' AIMS TO GIVE BACK AN 82-ACRE WATER-FRONT LAND PARCEL, ALONG THE COOPER RIVER TO THE INHABITANTS OF NORTH CHARLESTON.

In addition to providing the **much-needed housing (25% affordable; 70% AMI rental)** within the city, the project focuses on bringing educational, economic and environmental equity through an inclusive development program that encompasses 395,000 SF of education spaces and vocational centers, 240,000 SF of flex and co-working space, and restoration of 16 acres of wetland.

THE 3.2M SF DEVELOPMENT WILL BE COMPLETED OVER THREE PHASES, WITH EACH PHASE REINFORCING EDUCATIONAL, ECONOMIC, AND ENVIRONMENTAL EQUITY. HOWEVER, EACH PHASE HAS A PRIMARY FOCUS.

Phase 1 focuses on economic equity through **homeownership (40% affordable)**, financial independence programs (vocational training) and **rent-to-own housing partnerships**. Phase 2 completes **16 acres of wetlands** to bring in environmental equity. Phase 3 focuses on educational equity through institutions and student housing, to ensure sustained economic independence.

AN IMPORTANT INGREDIENT FOR THE TRIUMPH OF THE 'LEVELING FIELD' IS CREATING AN ALLIANCE BETWEEN PRIVATE CORPORATIONS, CITY OF NORTH CHARLESTON, CHARLESTON COUNTY, SCDHEC AND THE DEVELOPER, THROUGH PUBLIC-PRIVATE PARTNERSHIP.

The project plans to utilize **Navy Base Tax increment financing (TIF) of \$9M** which will be used to cover up to 50% of infrastructure costs. Collaborate with the city and various conservation planning institutions (Biohabitats) for 16-acre wetland restoration. Furthermore, partner with Lowcountry Graduate Center and SC Works to bolster education and vocational training programs.

ANOTHER ESSENTIAL ALLIANCE IN THIS ENDEAVOR IS BETWEEN NORTH CHARLESTON HOUSING, SC HOUSING, AFFORDABLE HOUSING DEVELOPERS (RENAIS-SANCE INC.), AND ESG-RELATED FUND MANAGERS.

The affordable housing component (\$92M construction cost) will leverage \$5.6M of Low-Income Housing Tax credits (LITHC) offered through SC Housing, raise \$1.4M of the private ESG-related funds (partnership with Monarch Private Capital), \$1.2M in government grants for 326 affordable units. The project will partner with Union Heights Residential to test rent-own model in phase 1.

Finally, the project has been **strategically phased** to test the current market and **leverage up to \$86M of recycled equity (40% of total equity requirement) in phase 2** and would like to retain the optionality **to lease the City land parcel for 66-year, to improve the project returns by 10 basis points thereby enabling the project to reinvest the incremental returns towards the community benefits in the last phase.** 

In summary, the overall project cost of \$555M (excl. Phase 3), will be funded using \$215M of Developer Equity (39%; \$86M recycled Equity), \$320M of Construction debt (58%) and \$20M of public subsidies (3%, TIF, LIHTC, etc.). The project will offer the Levered Returns of 19.0% (Project return of 13.3%) with the equity multiple of 1.83x and the net profit of \$179M over the 10-year investment period.

