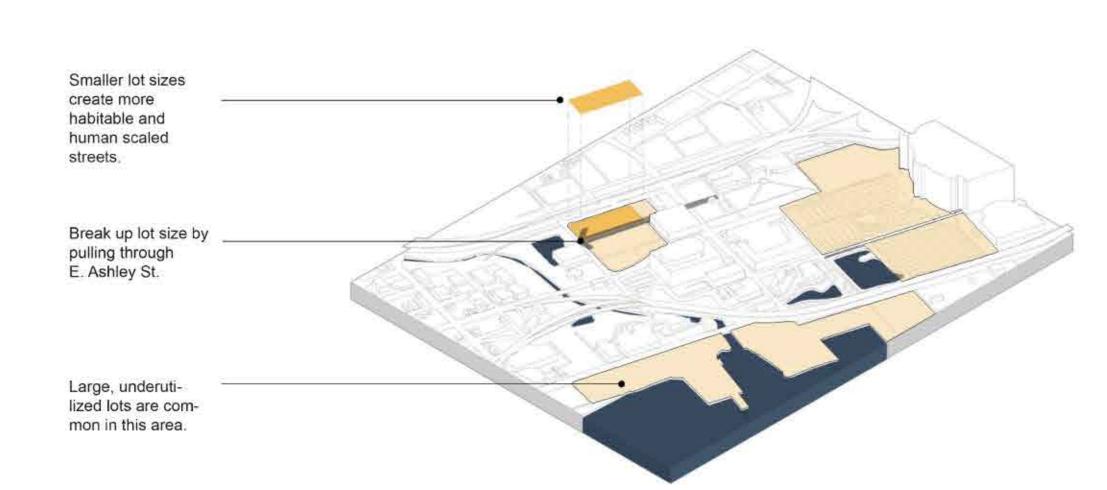
THE AZALEA CENTER

LEARNING LABS AND ECOLOGICAL EDUCATION CENTER REDEVELOPMENT PROPOSAL FOR HOGANS CREEK

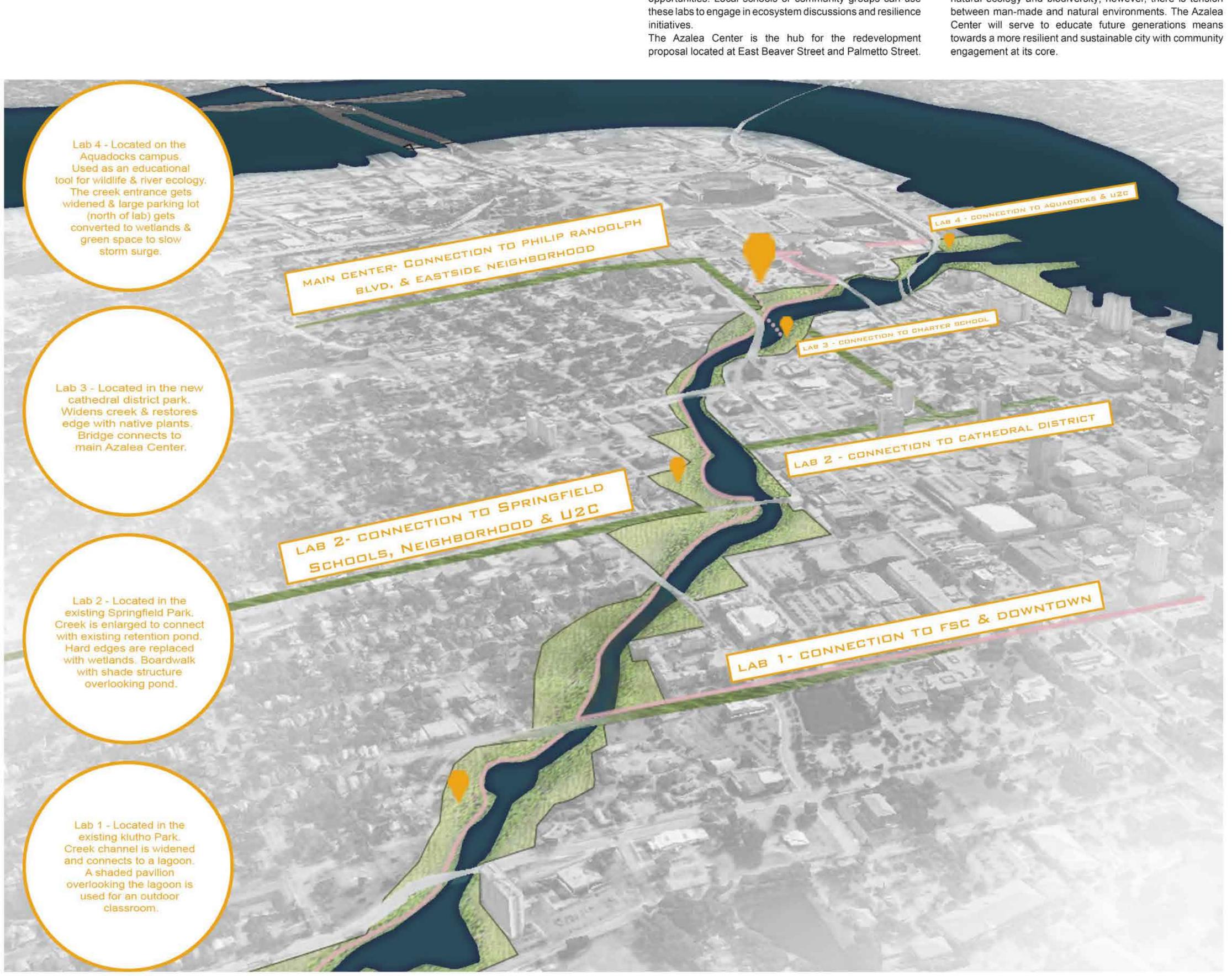
Design 3 Studio - University of Florida Graduate School of Architecture

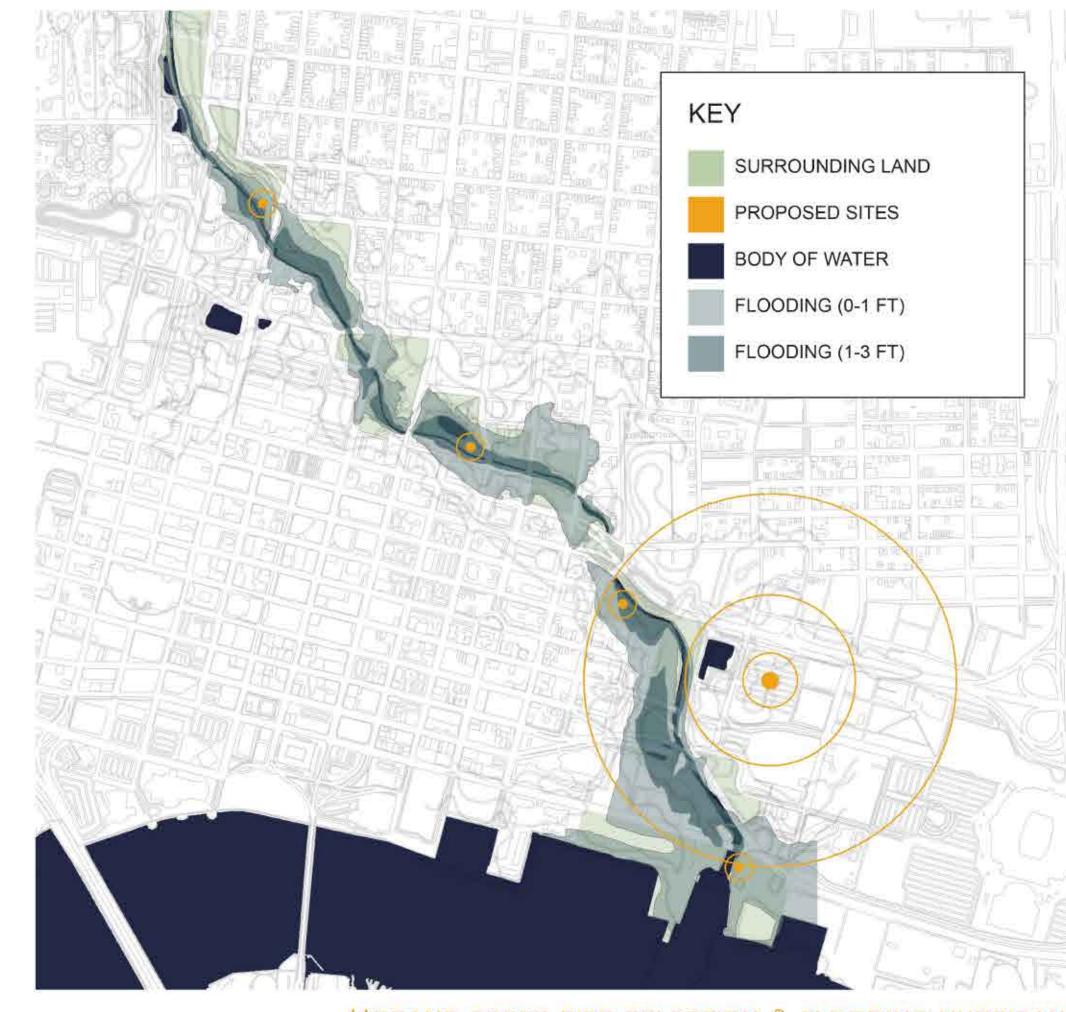


LOT DIMENSIONING DIAGRAM



AZALEA SITE DITY CONNECTIVITY ISOMETRIC





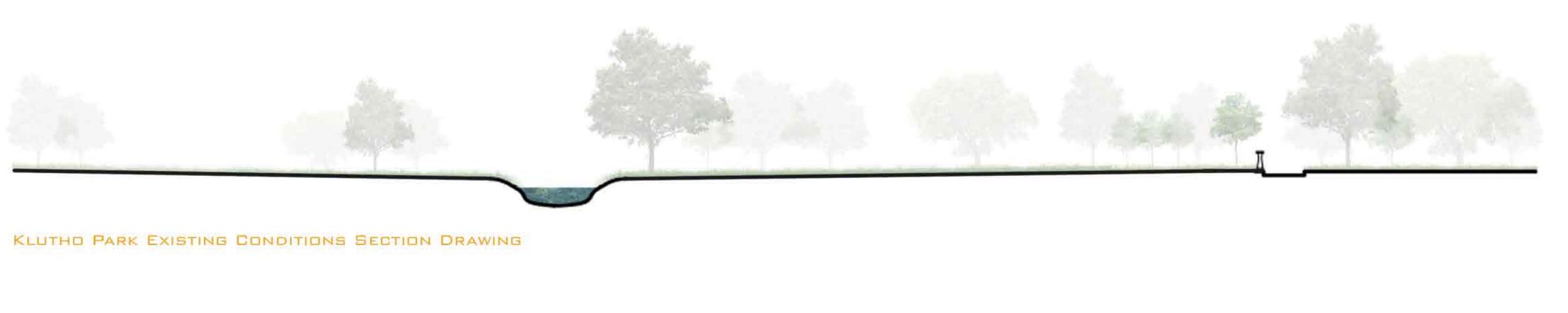
HOGANS CREEK SITE SELECTION & FLOODING HURRICANE MATTHEW STORM SURGE

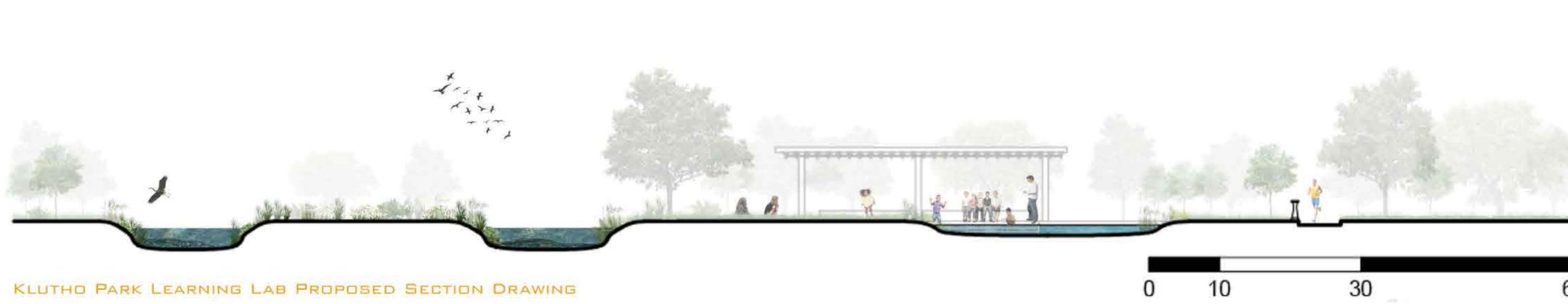
Jacksonville proposes using community engagement and path and provide an entrance into the Hogans Creek park education as a tool for resilience. At the urban scale, the system. The site is currently a superblock with a city-owned project engages the initiative to restore the wetland and wildlife McCoys Creek currently underway serves as an example for the redevelopment proposal of Hogans Creek. Years of neglect led to toxic pollutants and invasive plant species, creating a harmful environment for the natural ecosystem and human habitation. Rigid channelization contributes to severe flooding during storm surges and regular rain occurrences, endangering the area's homes and properties. This project proposes to remove the channelization along parts of the creek that experience severe flooding. Widening these areas children about the environment. The building design

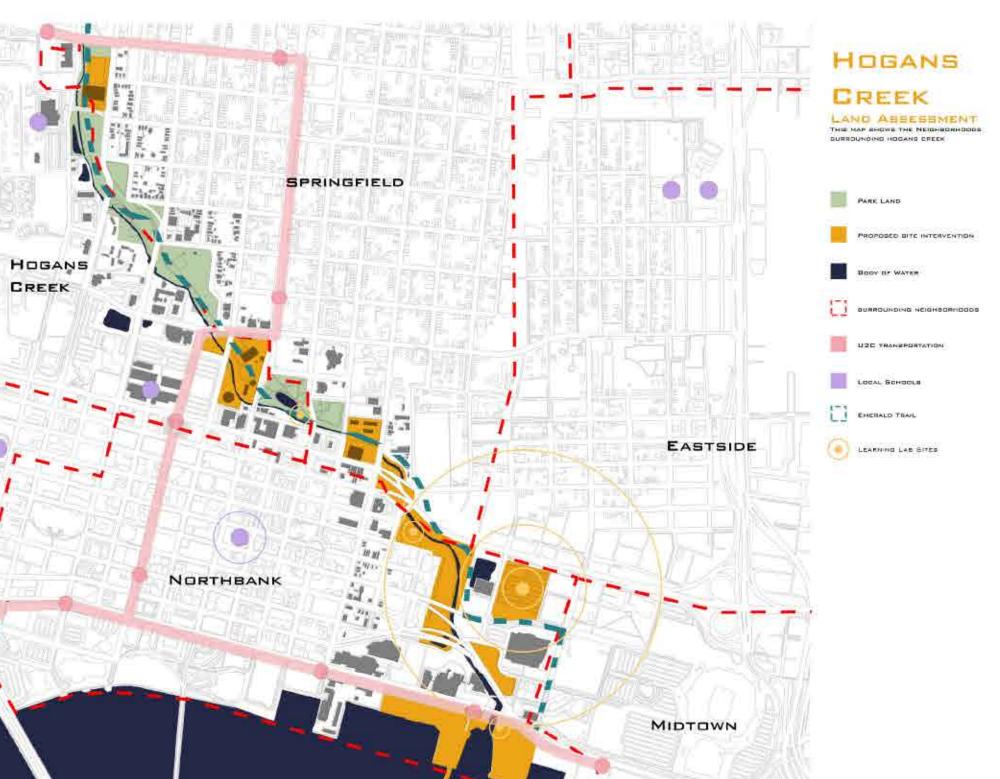
and surrounding them with a sponge landscape of natural plantings can aid in long-term flooding concerns. This project introduces new educational pavilions along system. The main entrance to the center, located on the lot's Hogan's Creek. The Learning Labs are positioned in four west side, is structured as an open outdoor classroom. Two locations along the creek to initiate community outreach and educate the locals about the local ecosystems. These outdoor pavilions classrooms provide interactive learning opportunities. Local schools or community groups can use natural ecology and biodiversity; however, there is tension

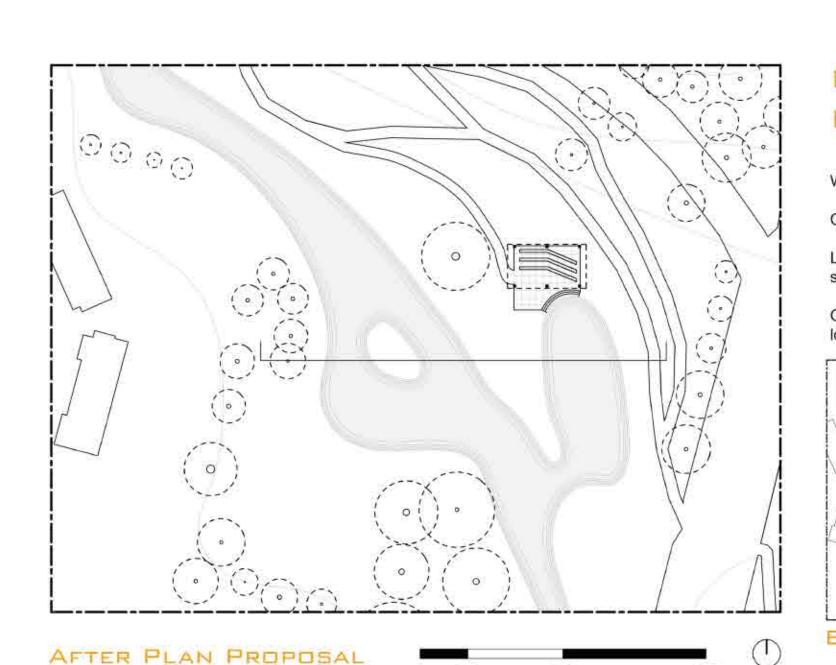
stadium parking lot. This proposal reintroduces the historic urban grid to help rescale the neighborhood currently under redevelopment, reestablishing East Ashley Street with

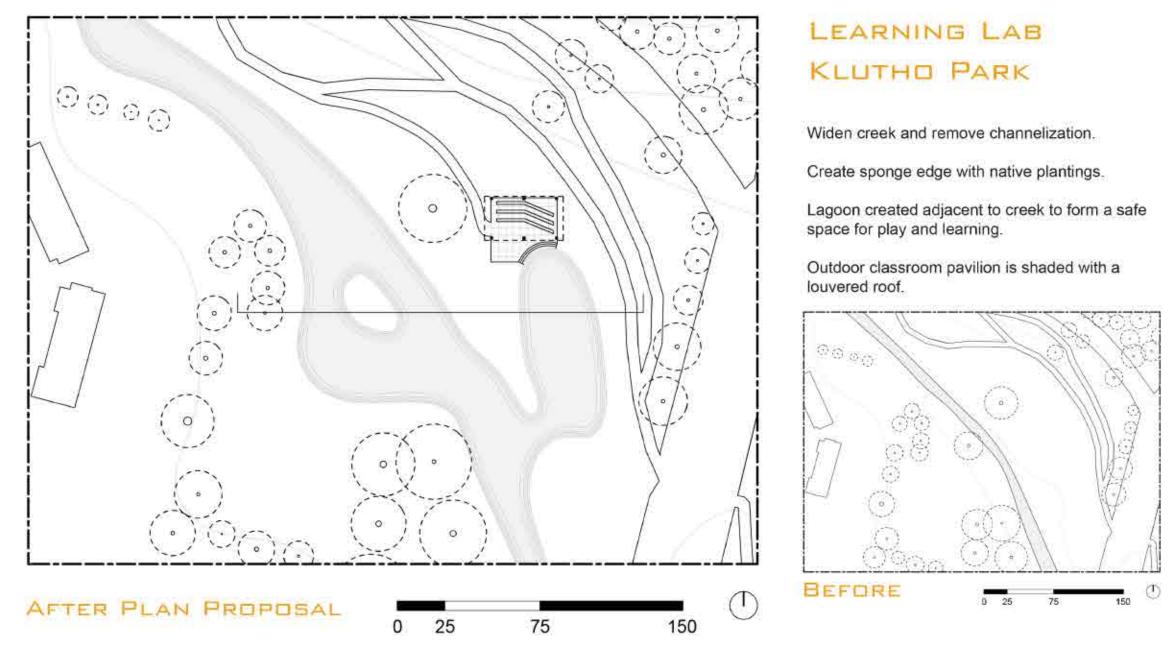
Azalea Center occupying the northern block. The building provides educational amenities for all ages and can house local NGOs focused on environmental policy, healthy cities, and community outreach/activities. The project features outdoor learning facilities, indoor classrooms, a 200-seat auditorium, research labs, exhibition/museum space, and an entire wing dedicated to educating elementary showcases sustainable building techniques, featuring a green roof, urban farming, and an interactive water collection large floating fields feature interactive urban farming where aquaponics and micro-algae cultivation can take place. With the St. Johns River at its core, Jacksonville has a rich between man-made and natural environments. The Azalea Center will serve to educate future generations means

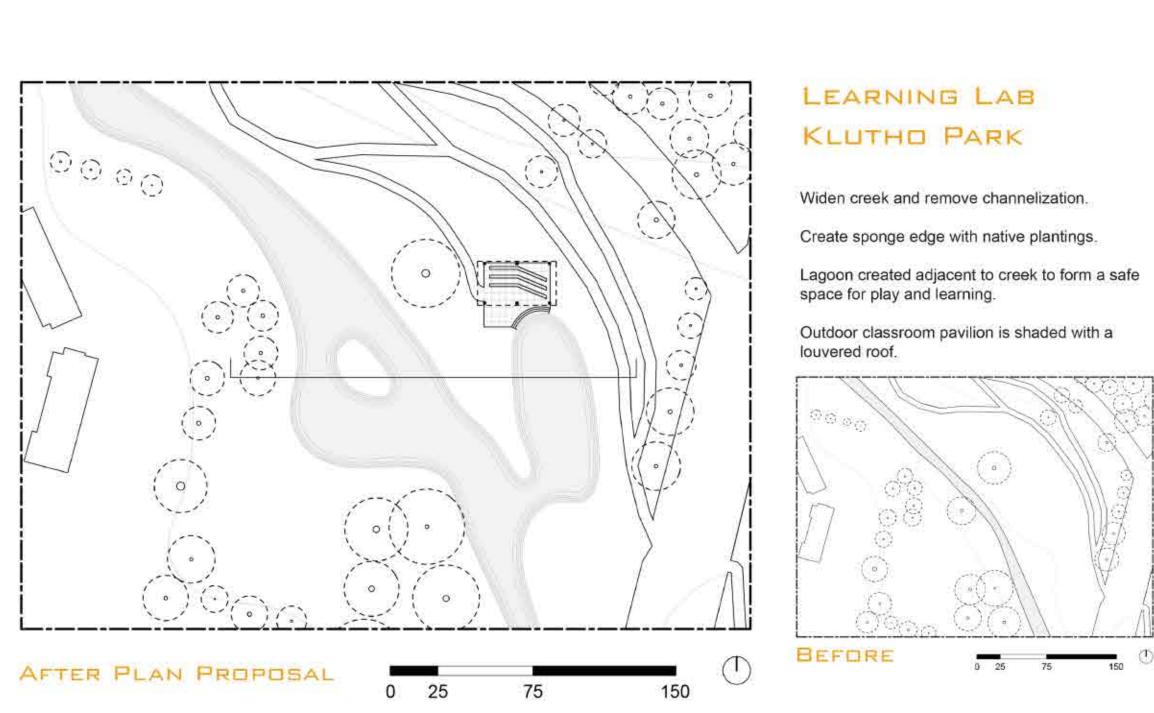


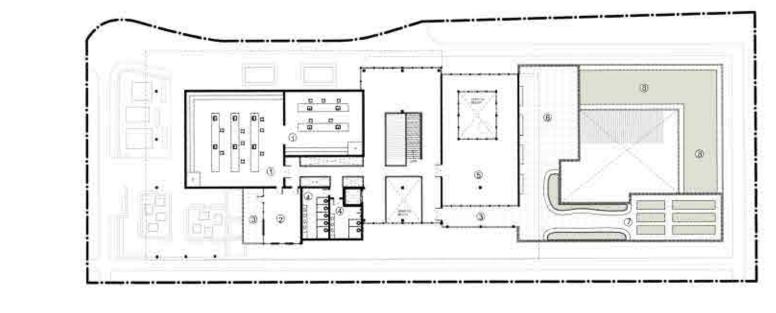






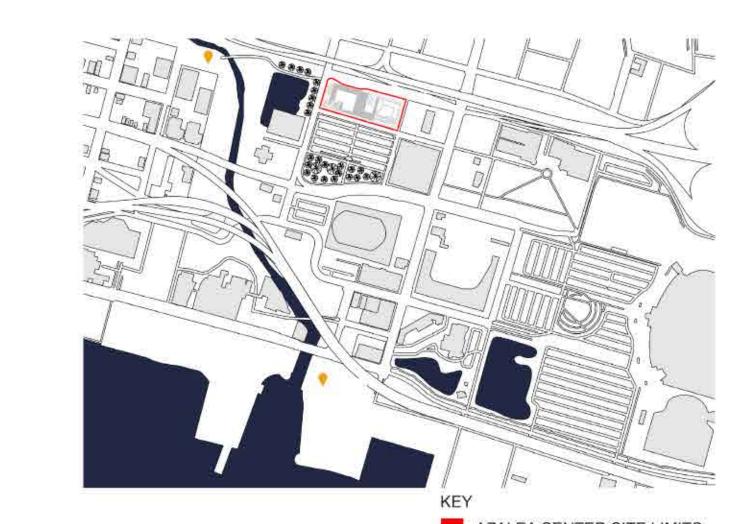




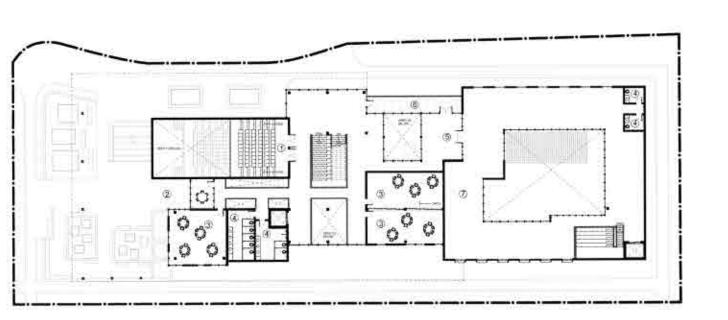




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AZALEA CENTER SITE LIMITS LEARNING LAB SITES

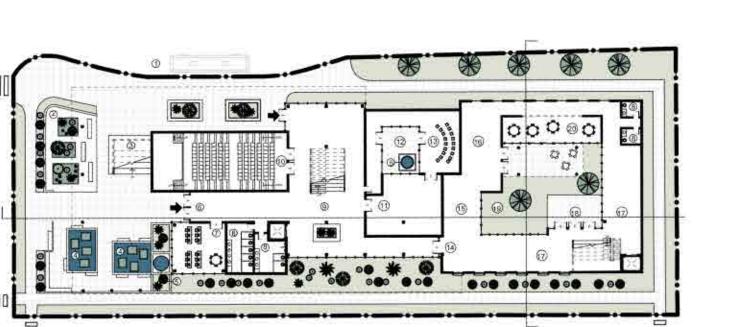




PROGRAMMATIC KEY 1. AUDITORIUM BALCONY 2. MEETING ROOM ADULT CLASSROOM
 KIDS ZONE ENTRANCE

5. CISTER

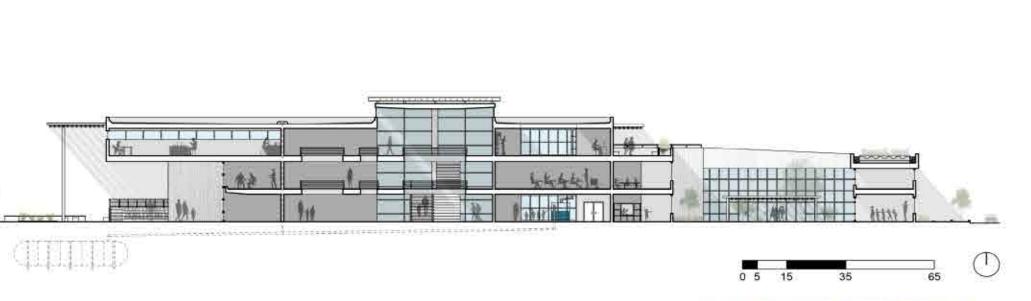
5. BALCONY 6. KIDS CLASSROOMS



GROUND FLOOR PLAN

PROGRAMMATIC KEY 11. MUSEUM 1. BUS STOP 3. OUTDOOR AUDITORIUM

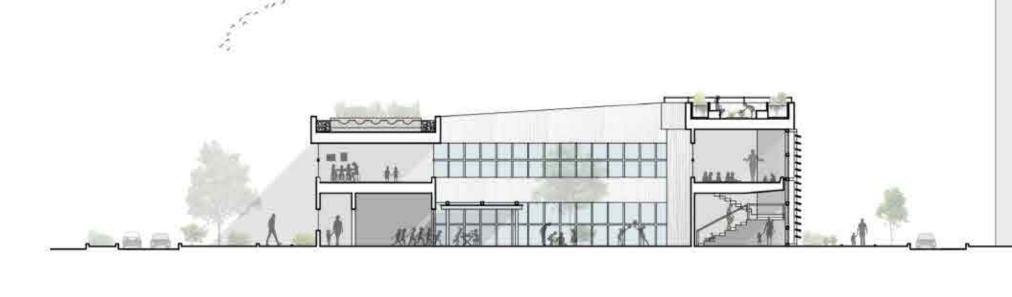
12. COURTYARD 13. GALLARY 14. KIDS ZONE 4. FLOATING FIELDS 15. PLAY ZONE 16. ART ZONE 6. MAIN ENTRANCE 17. LEARN ZONE 7. DIGITAL LIBRARY 18. OUTDOOR CLASSROOM 8. RESTROOMS 19. KIDS COURTYARD 9. ATRIUM 10. AUDITORIUM 20. LUNCH ZONE



EAST WEST SECTION NORTH SOUTH SECTION

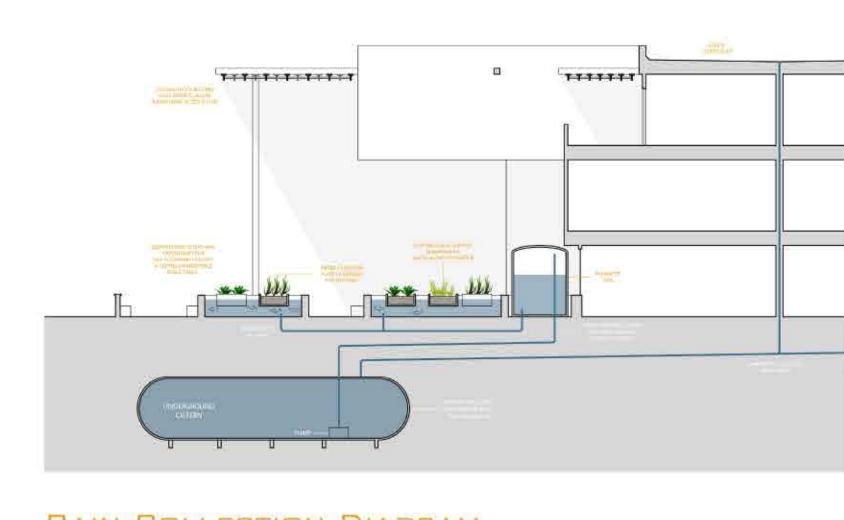
This section cuts through the public plaza and central

This section cuts through the children wing and children's atrium as well as the research labs, administration courtyard. These rooms include open floor plan learning offices, adult classroom and museum. On the east and play zones with learning facilities transitioning into side, the section drawing shows the children's wing and the courtyard. courtyard as well as the public roof garden and terrace.



DRAWING





RAIN COLLECTION DIAGRAM

MAIN ENTERANCE PERSPECTIVE DRAWING