

NC STATE UNIVERSITY

Buildings and Property Committee Special Meeting

October 5, 2022

Winslow Hall, Raleigh, NC 27695

Ven Poole, Committee Chair

Members: Erik L. Dixon, Ann B. Goodnight, McKenzy Heavlin, David Dee Herring, and Edwin J. “Ed” Stack III

October 2022 Special Meeting: Buildings and Property Committee

Meeting Agenda

- 10:00 a.m.
1. Call to Order, Reading of Ethics Statement and Public Meeting Notice
Ven Poole, Chair
 2. Roll Call
Sarah Kwon, Board Professional
 3. NC State University Physical Master Plan
Doug Morton, Associate Vice Chancellor, Facilities
 4. Discussion
 5. Adjourn
Ven Poole, Chair



NORTH CAROLINA STATE ETHICS COMMISSION

SAMPLE¹

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER

(to be read by the Chair or his or her designee at the beginning of each meeting)

In accordance with the State Government Ethics Act, it is the duty of every [Board] member to avoid both conflicts of interest and appearances of conflict.

Does any [Board] member have any known conflict of interest or appearance of conflict with respect to any matters coming before the [Board] today?

If so, please identify the conflict or appearance of conflict and refrain from any undue participation² in the particular matter involved.

Rev. 1-16-07

¹ N.C.G.S. §138A-15 (e): “At the beginning of any meeting of a board, the chair shall remind all members of their duty to avoid conflicts of interest and appearances of conflict under [Chapter 138A].” There is no set language required by the Act. Specific language can and should be tailored to fit the needs of each covered board as necessary.

² “A public servant shall take appropriate steps, under the particular circumstances and considering the type of proceeding involved, to remove himself or herself to the extent necessary, to protect the public interest and comply with this Chapter, from any proceeding in which the public servant’s impartiality might reasonably be questioned due to the public servant’s familial, personal, or financial relationship with a participant in the proceeding.” See N.C.G.S. §138A-36 (c). If necessary, the Chairman or individual member involved should consult with his ethics liaison, legal counsel, or the State Ethics Commission to help determine the appropriate response in a given situation.

GUIDING PRINCIPLES

INTRODUCTION

The Physical Master Plan Guiding Principles provide a framework to inform and guide decisions about the campus, and they remain constant over time. While the plan is forward-thinking, it is impossible to anticipate every situation that will arise over the long term. Thus, the specific projects resulting from the Physical Master Plan may change, but they will be considered and implemented within the enduring framework provided by the Guiding Principles.

PURPOSE

- Guide prioritization and decision-making for campus development.
- Test ideas that are not expressed in the master plan.
- Provide continuity across generations of leadership.
- Create advocates and stewards of the master plan.
- Reflect the mission, vision, values, and goals of the NC State Strategic Plan.

GUIDING PRINCIPLES

- **Reinforce Culture and Place**
NC State will continue to honor and embrace its legacy as a land-grant institution while also striving to celebrate the diverse people, places, and cultures that comprise this university. Focus will be placed on creating spaces that foster a welcoming campus environment for all.
- **Steward Campus Resources**
NC State will serve as a model of environmental, social, and financial leadership. This will be reinforced through on-campus actions that positively influence the stewardship of campus resources and promote a more resilient future.
- **Elevate the Campus Experience**
NC State will promote a campus environment that seeks to advance faculty, staff, and student success. Physical development decisions will support this goal by incorporating a mix of uses designed to enliven and enrich the overall campus experience.
- **Align Facilities with Mission**
NC State will focus investment in facilities that seek to further support and enrich the university's goal of preeminence in research, scholarship, innovation, and collaboration. An emphasis will be placed upon creating equitable and inclusive spaces across campus.
- **Strengthen Campus Connections**
NC State will enhance social, technological, environmental, programmatic, and physical connections to strengthen its sense of community. Emphasis will be placed on promoting a culture that prioritizes pedestrians and extends connections beyond campus edges.
- **Enhance Infrastructure Reliability**
NC State will foster a more holistic understanding and appreciation of the value of reliable infrastructure to support the mission of the university. Physical planning processes will consider the role and impact of all campus systems in achieving collective success.

The background of the slide is a photograph of the NC State clock tower at night. The tower is illuminated, showing its architectural details, including the clock face and the eagle sculptures. The sky is dark blue. A large red rectangular box is centered over the image, containing the title text.

NC STATE PHYSICAL MASTER PLAN

PRELIMINARY PLAN

10.05.2022

ADDRESSING FUTURE GROWTH

GOAL: PROVIDE A PLANNING FRAMEWORK TO ACCOMMODATE EXPANSION.

SUPPORT ENROLLMENT GROWTH

REINFORCE NC STATE LAND GRANT MISSION

ALLOW FOR INTERDISCIPLINARY RESEARCH GROWTH

PROVIDE FACILITIES COMMENSURATE WITH R1 AND UNC SYSTEM PEERS

SUPPORTING STUDENT SUCCESS

GOAL: ENHANCE STUDENT LIFE FACILITIES TO IMPROVE THE STUDENT EXPERIENCE.

REPLACE OR REIMAGINE AGING FACILITIES

PROVIDE EQUITABLE AND VIBRANT CAMPUS SPACES

EXPAND ACCESS TO STUDENT SERVICES

PROMOTE A SENSE OF INCLUSION AND BELONGING

RESOLVING CONNECTIVITY CONCERNS

GOAL: IMPROVE PHYSICAL, PSYCHOLOGICAL AND VISUAL CONNECTIONS BETWEEN PRECINCTS.

ENHANCE VISUAL, PROGRAMMATIC, AND INTERCAMPUS CONNECTIVITY

PROVIDE SAFE MULTI-MODAL OPTIONS

PROMOTE A PEDESTRIAN-FIRST STRATEGY

IMPROVE THE CAMPUS ARRIVAL EXPERIENCE



PHYSICAL MASTER PLAN

PLANNING APPROACH



PRINCIPLES



PROCESSES



PROTOTYPES

GUIDING PRINCIPLES

1



Reinforce Culture and Place



Align Facilities with Mission



Steward Campus Resources



Strengthen Campus Connections



Elevate the Campus Experience



Ensure Infrastructure Reliability

PRIORITIZATION PROCESS

RETHINKING THE INTEGRATED PRIORITY LIST APPROACH



NC State's Annual Capital Planning Process ensures that major capital projects – defined as new construction, renovation, or infrastructure projects with **budgets of \$4 million or more** – align with institutional priorities.

What Are We Hoping to Achieve?

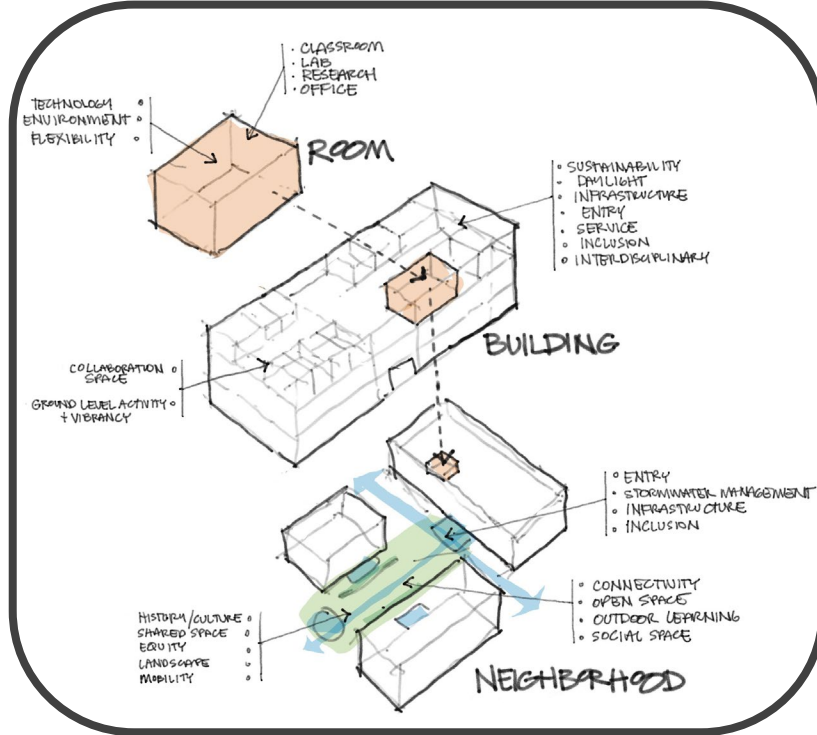
- **Provide Alignment** with NC State Strategic Plan Goals and NC State Physical Master Plan Guiding Principles.
- **Streamline** process to ensure that it can be easily understood by all campus stakeholders, including newcomers.
- **Diversify Input** to gain perspectives from a broader cross-section of stakeholders including the financial viewpoint.
- **Address** more than one school, unit or function to promote interdisciplinary collaboration and auxiliary integration.
- **Allow Flexibility** to adapt to changing needs and/or can be repurposed for other University needs.
- **Establish a Credentialing** component to promote understanding and advocacy of the plan and process.

PROTOTYPES

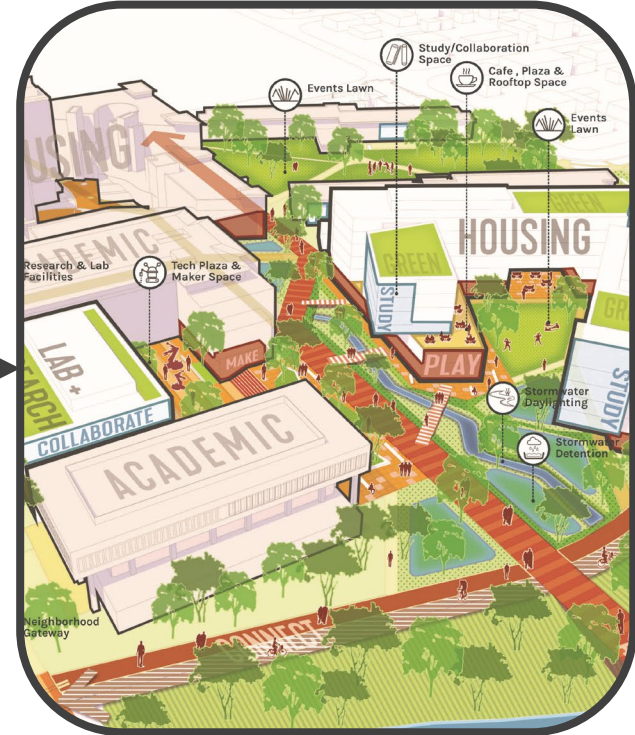
THREE SCALES FOR INCLUSION

3

PROTOTYPES



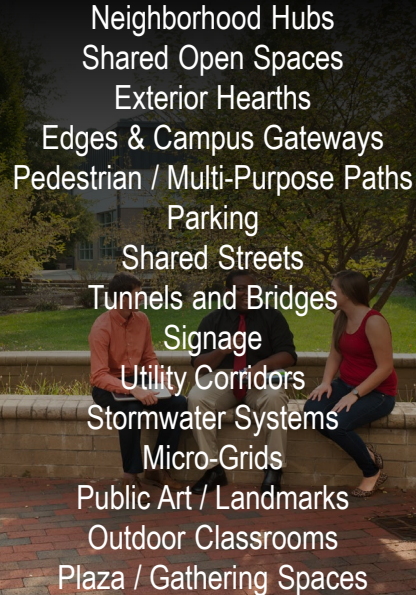
COMPREHENSIVE PROTOTYPES



PROTOTYPES

THREE SCALES FOR INCLUSION

3



- Neighborhood Hubs
- Shared Open Spaces
- Exterior Hearths
- Edges & Campus Gateways
- Pedestrian / Multi-Purpose Paths
- Parking
- Shared Streets
- Tunnels and Bridges
- Signage
- Utility Corridors
- Stormwater Systems
- Micro-Grids
- Public Art / Landmarks
- Outdoor Classrooms
- Plaza / Gathering Spaces

NEIGHBORHOOD



- Academic Classrooms
- Teaching and Research Labs
- Collaboration Spaces
- Gender Neutral Restrooms
- Lactation Rooms
- Grab & Go Dining
- Retail Dining
- Residential Dining
- Housing Unit Types
- Living-Learning Space
- Life Safety Systems

BUILDING



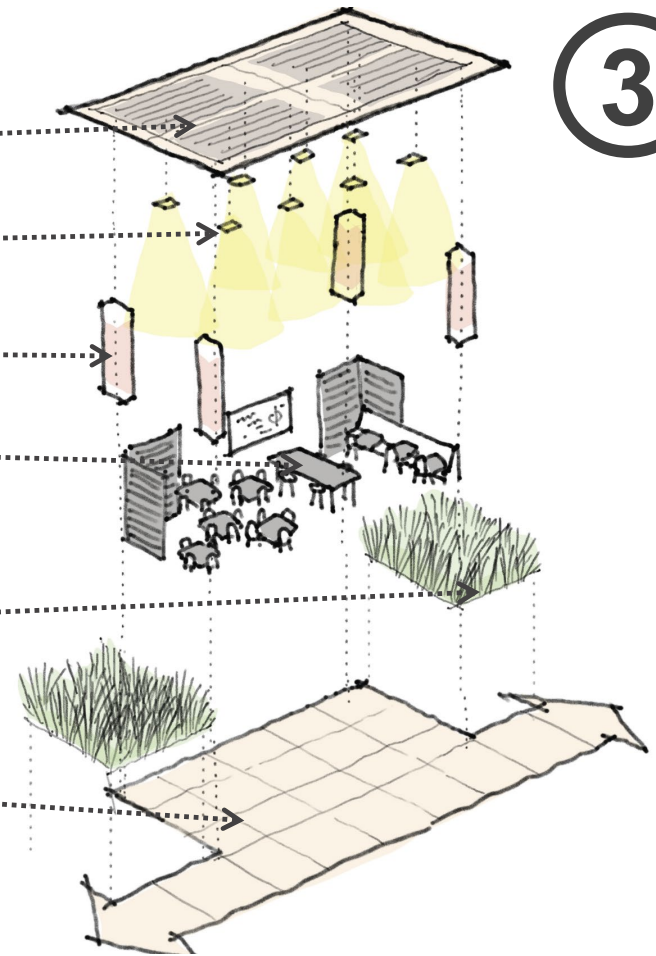
- Flexible Seating
- Technology Enabled
- Specialized Equipment
- Access to Daylight
- Adaptable Sizing
- Modular Design Strategies
- Hybrid Optimized
- Indoor-Outdoor Relationship
- Operable Windows
- Safety & Security
- Storage

ROOM

EXAMPLE PROTOTYPE

OVERHEAD CANOPY STRUCTURE

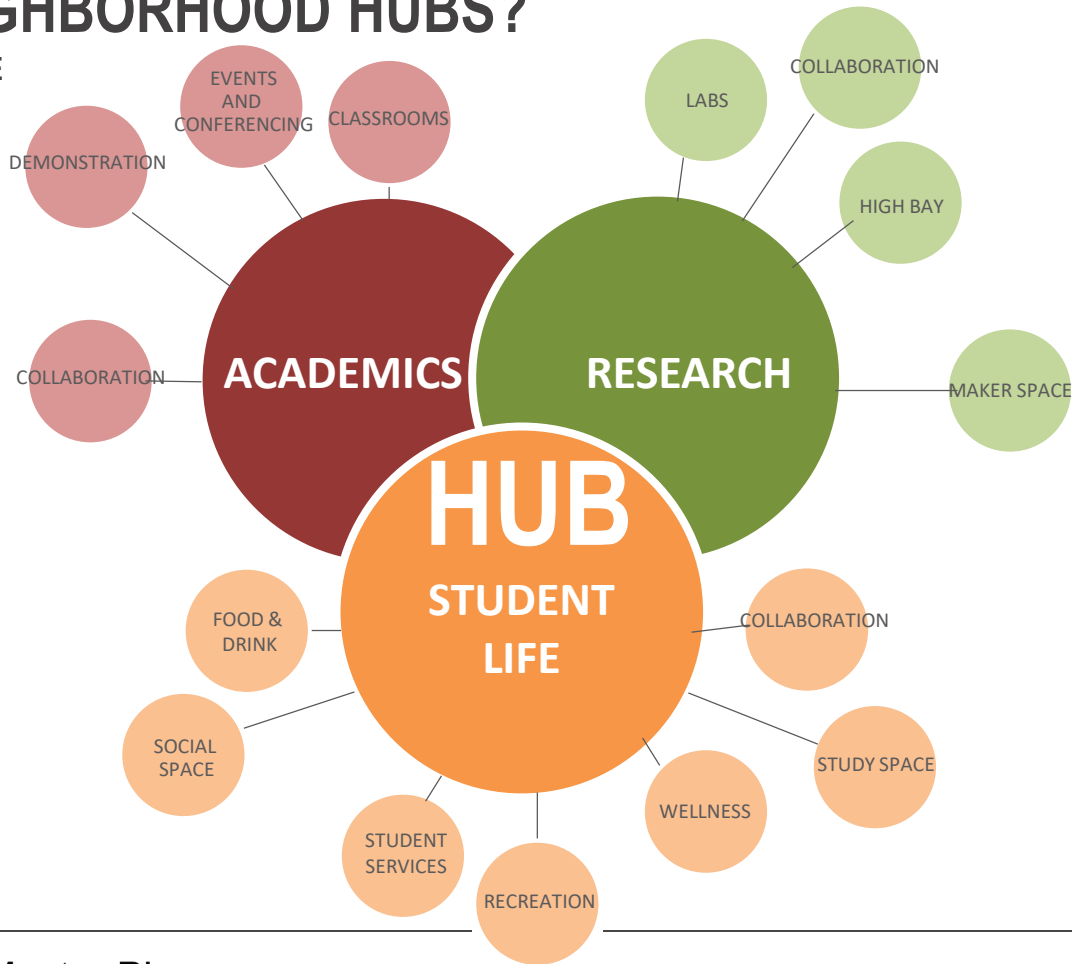
- **Roof**
 - Shade, shelter from rain, potential solar, potential heating elements
- **Lighting**
 - Lights, Wi-Fi, plentiful power/electrical outlets
- **Support**
 - Materials, infrastructure
- **Furnishings**
 - Moveable tables and chairs
 - Variety of seating options (high top, banquet, tables, lounge, etc)
 - White boards
 - Wind shields
 - Bike parking
- **Landscape**
 - For defining boundaries, stormwater management, visual interest
- **Paving**
 - Resilient
 - Material choices
- **Location**
 - Near pedestrian pathways and intersections of pathways
 - Views to open space
 - Near buildings and building entrances



3

WHAT ARE NEIGHBORHOOD HUBS?

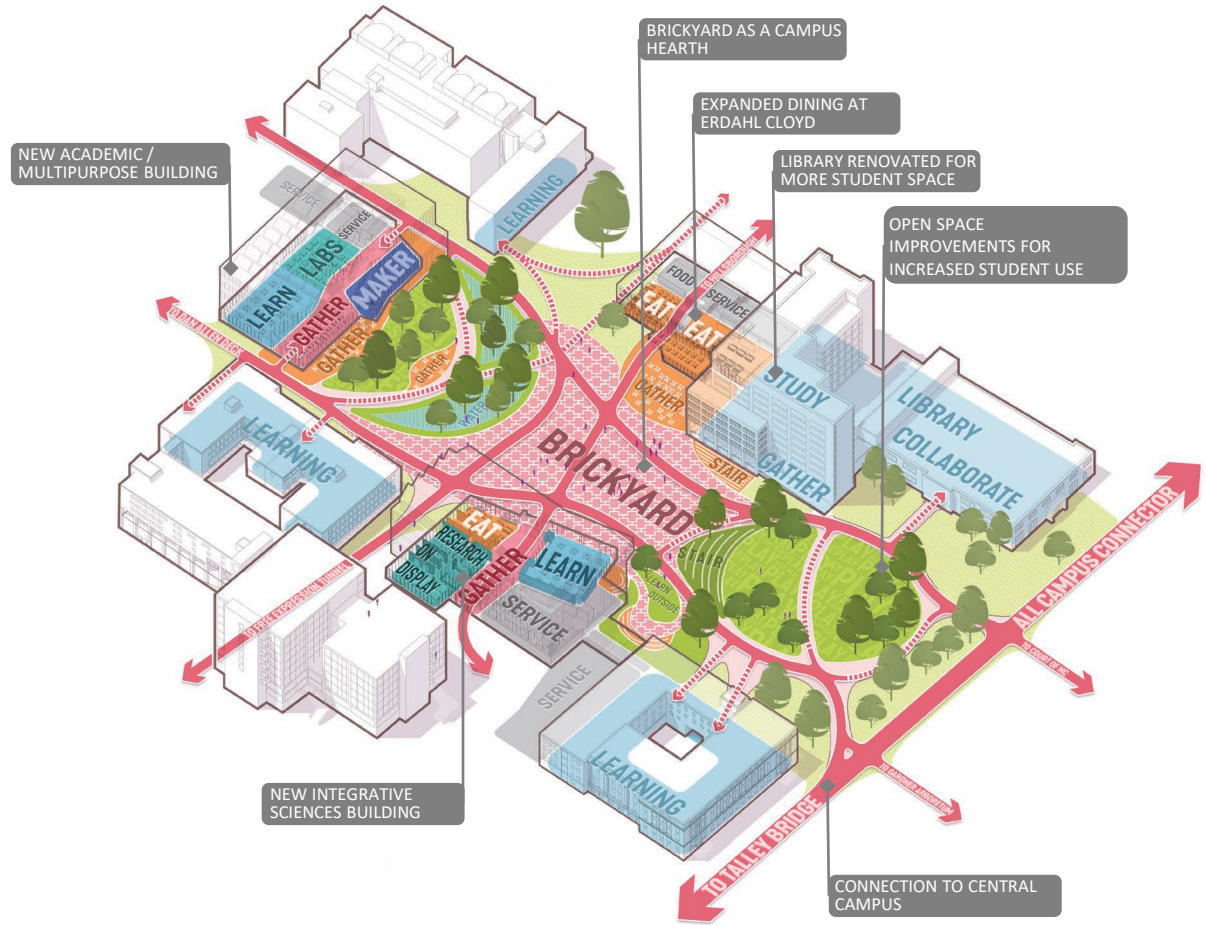
EXPERIENTIAL CONVERGENCE



NEIGHBORHOOD HUBS

EXPERIENCES

- Academics & Research
- New Gathering & Maker Spaces
- Study & Collaboration Spaces
- Open Spaces & Outdoor Classrooms
- Connections to Hillsborough, Talley, Free Expression Tunnel



STINSON DRIVE

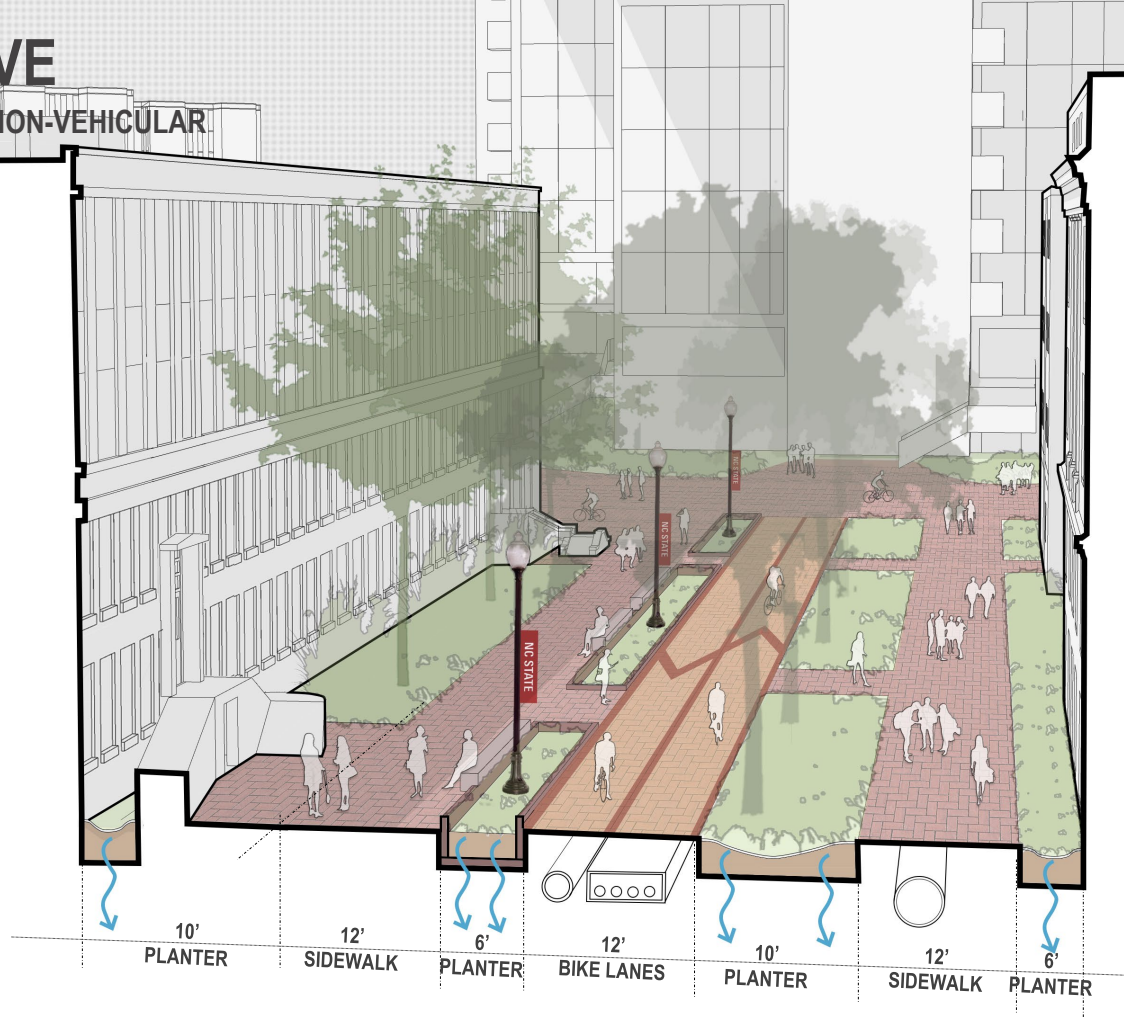


STINSON DRIVE



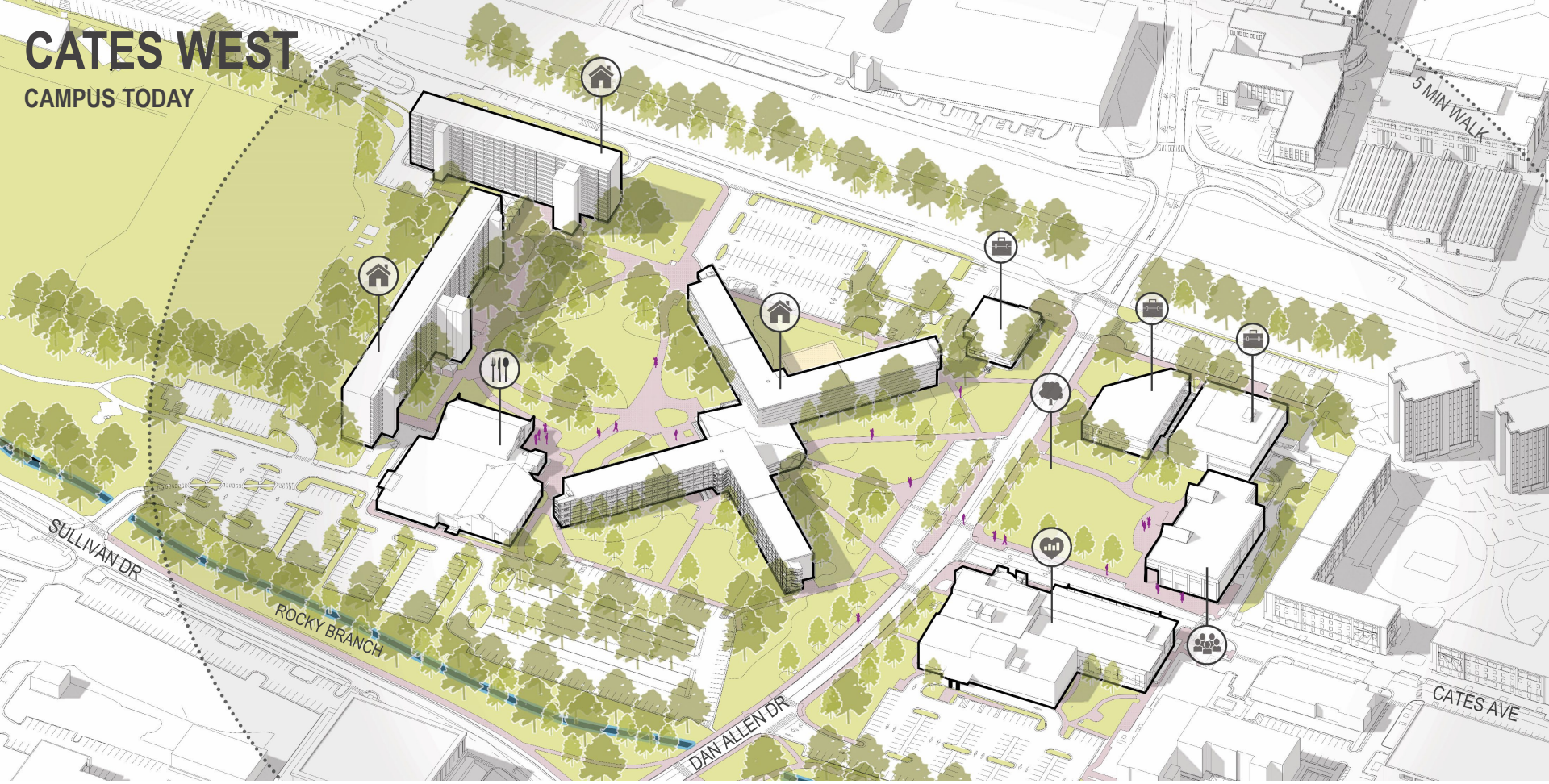
STINSON DRIVE

PROPOSED CONDITIONS: NON-VEHICULAR



CATES WEST

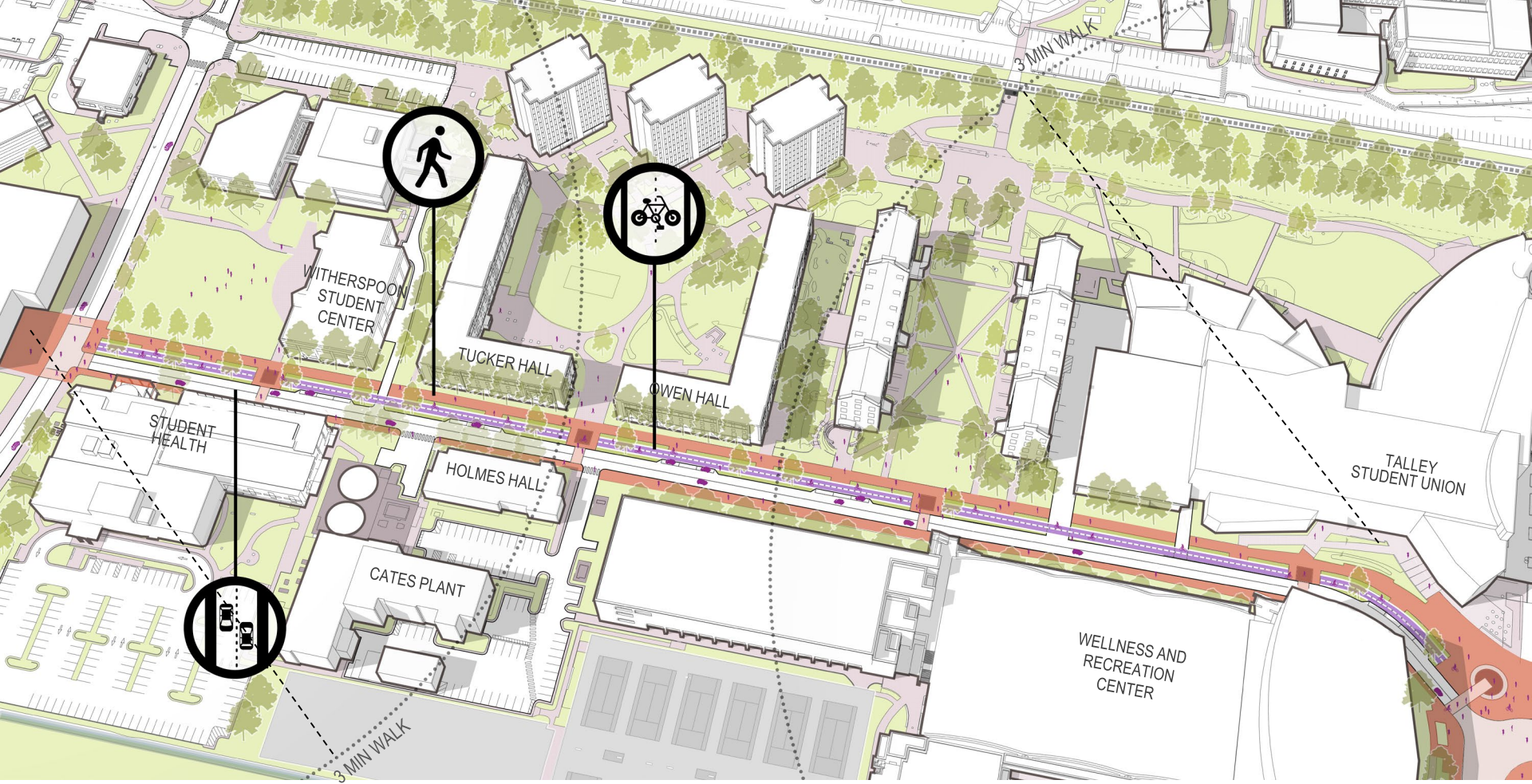
CAMPUS TODAY



CATES WEST

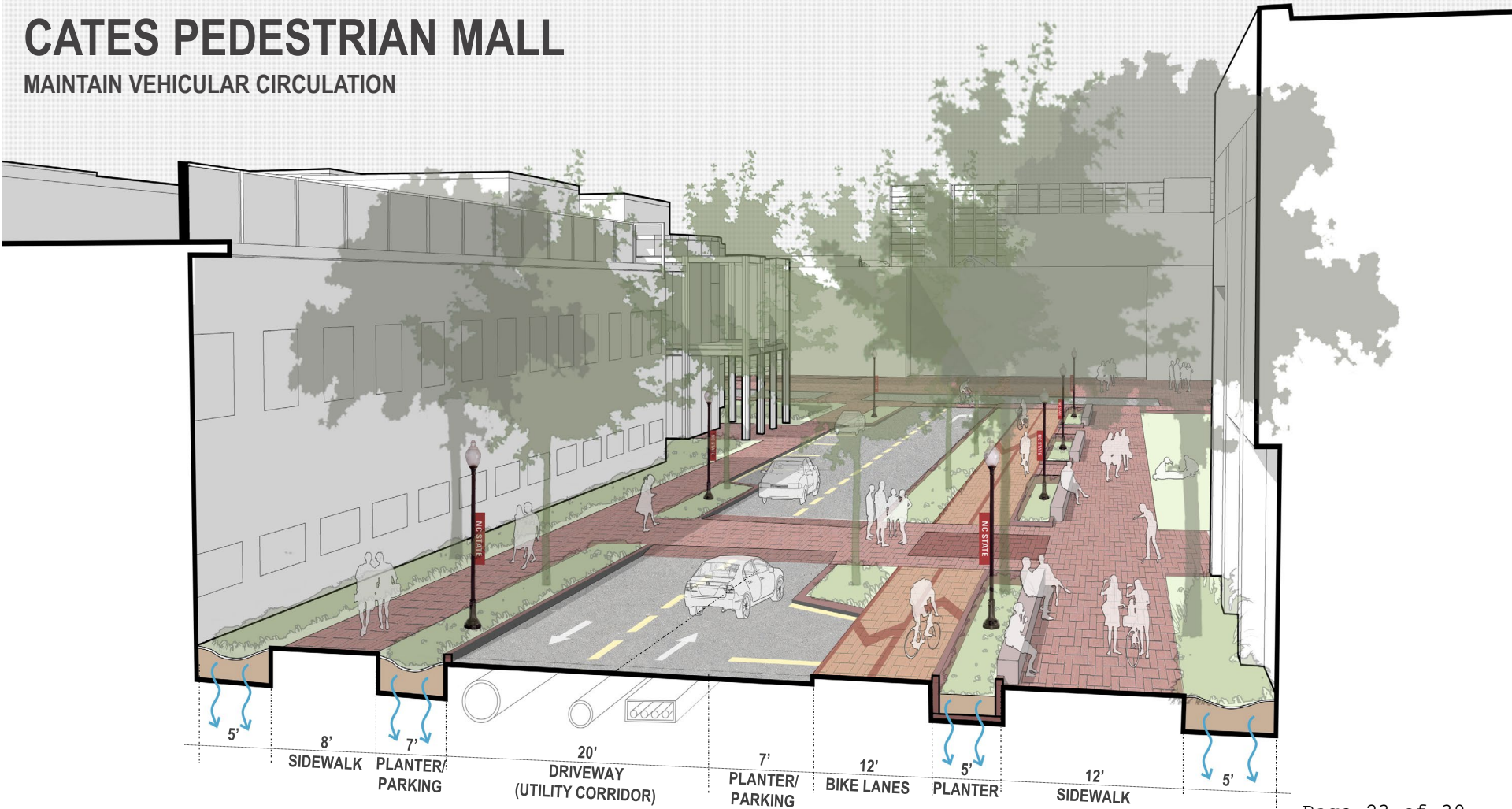
NEW RESIDENTIAL NEIGHBORHOOD





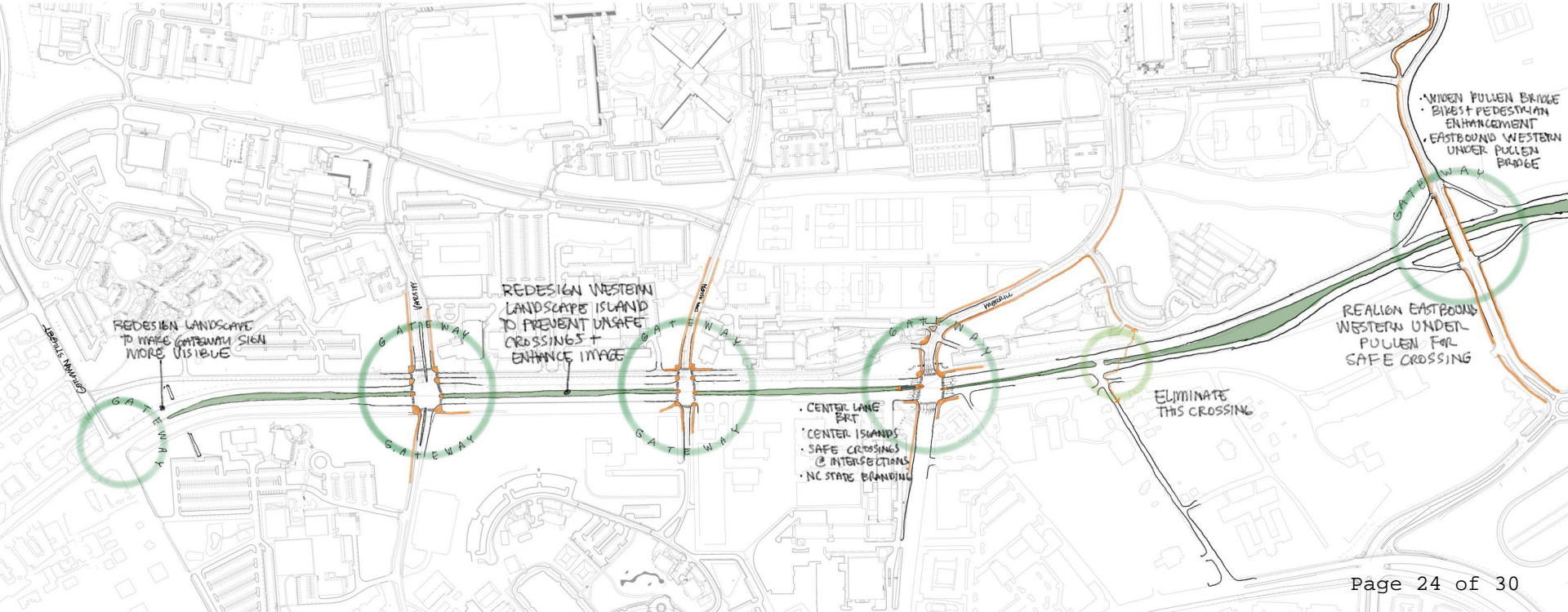
CATES PEDESTRIAN MALL

MAINTAIN VEHICULAR CIRCULATION



WESTERN BLVD

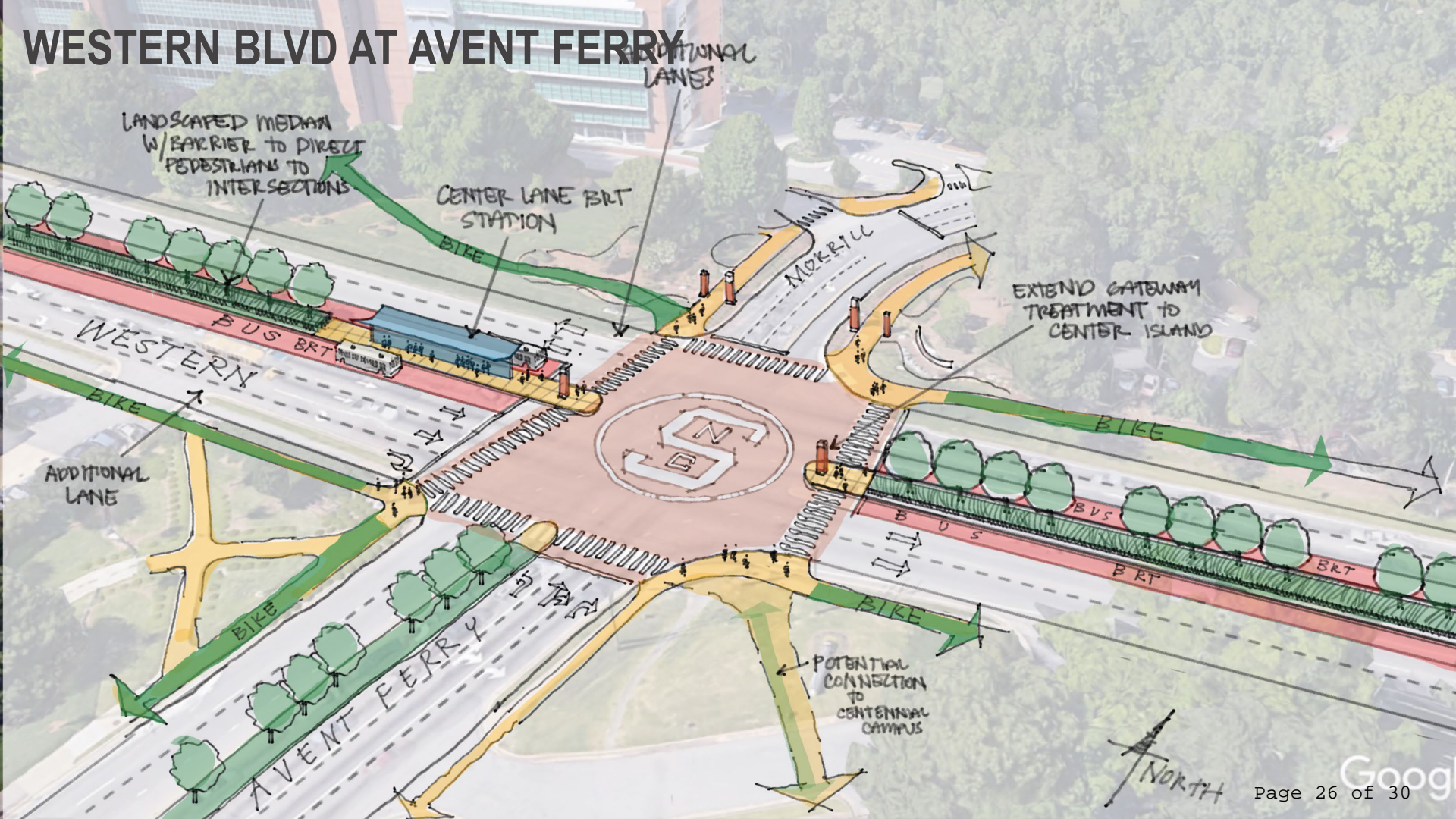
- * EXAMPLES OF MEDIAN @ MARQUETTE U.
- BRANDING
- PEDESTRIAN CONTROL
- TRAFFIC CONTROL
- GUIDES PEDESTRIAN TO SAFE CROSSING @ SIGNALIZED INTERSECTION





WESTERN BLVD AT AVENT FERRY

WESTERN BLVD AT AVENT FERRY

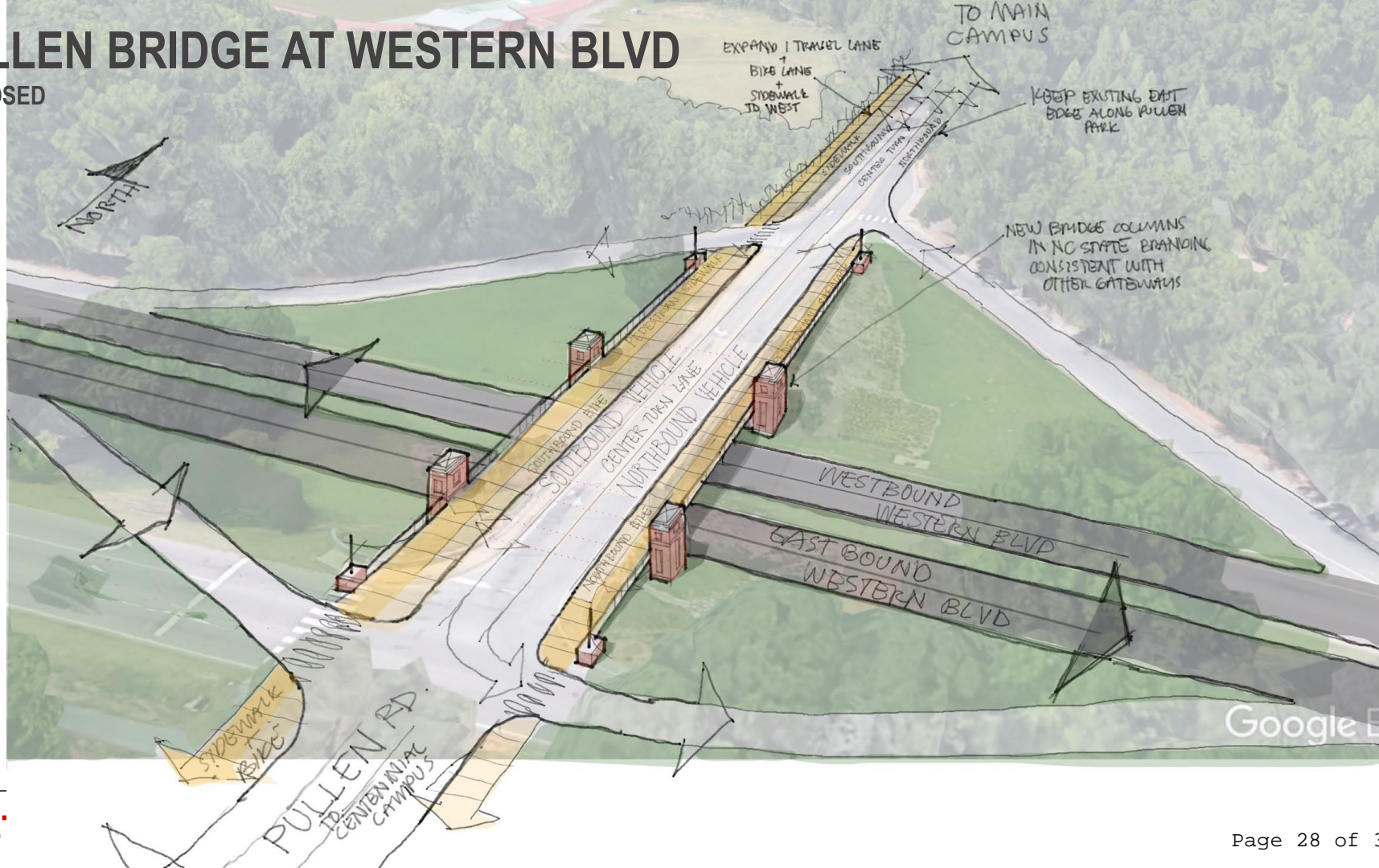


WESTERN BLVD AT PULLEN - EXISTING



PULLEN BRIDGE AT WESTERN BLVD

PROPOSED



PULLEN BRIDGE AT WESTERN - EXISTING

LOOKING WEST



PULLEN BRIDGE AT WESTERN BLVD - PROPOSED

LOOKING WEST

