3 urban design

"… enhance the physical spaces to build upon the unique cultural, demographic and environmental characteristics of each campus community …"

From: *A Strategic Plan for the Race to Excellence 2015-2025*
Goal #3 *Place*

The 2019 FAU John D. MacArthur Campus Master Plan Update creates recommendations for growth that builds on the civic framework of the existing campus. It provides a road map for physically implementing FAU's Strategic Plan. The Urban Design Element establishes conceptual principles for the organization of future development, including buildings and open spaces on the Jupiter campus.

The Element is structured around four main goals:
1. Strengthen Campus Districts
2. Enhance and clarify the overall Campus Framework
3. Implement Sustainable Growth Strategies
4. Maintain Community Coordination of Proposed Projects

GOAL 1: Srengthen Campus Districts
Campus Districts are described by the intended primary use and do not have strict boundaries. Services such as parking, utilities and other needs are contained in each use zone. Some overlap of program or functional use may occur between or within districts and serves to both maximize efficient use of facilities and enrich the campus experience through multi-use opportunities. Clear connections between use zones should be maintained or created.

Objective 1A: Enhance and Expand the Civic Framework of the Campus Core
- **Policy 1A-1:** Create a series of usable outdoor spaces framed by academic and support buildings to accommodate compact, connected, and coherent growth.
- **Policy 1A-2:** Create and enhance usable outdoor areas immediately adjacent to building entries and between buildings.
- **Policy 1A-3:** Utilize infill sites for future academic facilities to increase campus density and create logical connections between buildings and spaces.

- **Policy 1A-4:** Enhance the entry plaza west of the administration/classroom and Honors College buildings as the historic campus gateway.
- **Policy 1A-5:** Create an institutional presence at the corner of University Boulevard and Main Street for the FAU Max Planck Academy through signage, prominent entry, and landscape.
- **Policy 1A-6:** Expand dining and outdoor plaza to enhance as a primary social gathering space on campus.
- **Policy 1A-7:** Build a new student recreation and wellness facility, creating a strong presence south of the recreation fields.
- **Policy 1A-8:** Build a new student center anchoring the northeast corner of the new Central Green and adjacent to the Student Village.

Objective 1B: Expand and Enhance the Student Village and Main Street District
- **Policy 1B-1:** Expand residences to house students in a centralized district at the edge of the campus core.
- **Policy 1B-2:** Create new courtyards and enhance existing greenspace to encourage outdoor passive recreation and socializing.
- **Policy 1B-3:** Enhance the housing district's frontage along the landscape buffer at Main Street with an event lawn, shade, seating, and connected sidewalks.
- **Policy 1B-4:** Front the event lawn at the ground level with public space for the residences or with institutional support space.
- **Policy 1B-5:** Construct new parking deck with ground floor retail to promote a continuous walkable streetscape.

Objective 1C: Expand and Enhance the Outreach District
- **Policy 1C-1:** Create a mixed-use district including academic, research, and clinical uses. Use Lifelong Learning as a learning hub for the district.
- **Policy 1C-2:** Add new parking structure on the northwest corner of Scripps Way and Max Planck Way to accommodate growth on the south side of campus.
- **Policy 1C-3:** Enhance the primary campus gateway entry drive from Parkside Drive and terminate in a new campus green space with views to the Central Green.
- **Policy 1C-4:** Utilize Max Planck Way as a primary campus gateway and connect to Scripps Way.
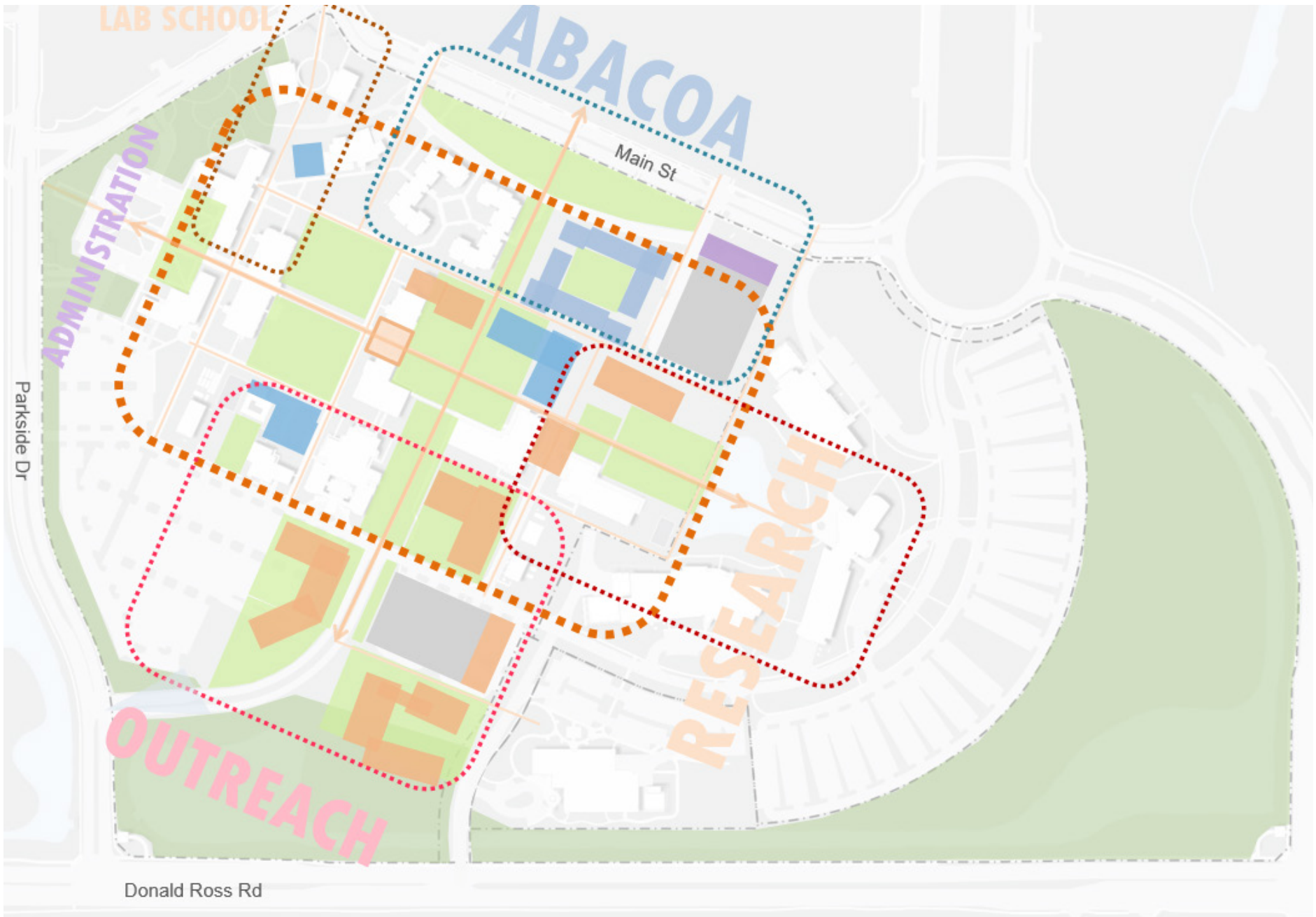
LAB SCHOOL

ABACOA

Main St

ADMINISTRATION

Parkside Dr

RESEARCH

OUTREACH

Donald Ross Rd

Figure 3.1 Campus Zones

urban design

- **Policy 1C-5:** Utilize signage and/or banners at the landscape buffer along Donald Ross Road to enhance FAU identity.

Objective 1D: Leverage Partnership Opportunities with the Research District and the Abacoa Development
- **Policy 1D-1:** Work with Research District partners to explore academic, research, and clinic locations and other entrepreneurial ventures.
- **Policy 1D-2:** Create a new academic quad west to the Scripps lake to connect the academic campus and the research institute.
- **Policy 1D-3:** Explore opportunities to share resources with the Abacoa Development such as parking and open space.

GOAL 2: Enhance and Clarify the Overall Campus Framework

Objective 2A: Structure growth around primary east-west and north-south axes
- **Policy 2A-1:** Create continuous pedestrian paths, formalized green spaces, and framed views connecting the historic campus entry at the west with Scripps Institute on the east and from the current main campus entry northward to Downtown Abacoa.
- **Policy 2A-2:** Create the Central Green as the core campus hub to accommodate campus scale events.

Objective 2B: Maintain and Enhance the Functional Linkages and Quality of the Campus
- **Policy 2B-1:** Extend the pedestrian systems within the core campus, to serve pedestrians better. The University shall add extensions to the pedestrian-way system as needed that encourage walking and provide the armature for future campus facilities and infrastructure.
- **Policy 2B-2:** Extend secondary east-west pedestrian pathways:
  - from Wilkes Honors College (MC0) to the northern Scripps building
  - from the MacArthur Administration/Classroom Building (MC02) to the south Scripps building

Objective 2C: Protect and enhance campus open spaces.

- **Policy 2C-1:** For all existing courtyards/green spaces, allocate a portion of each facility construction budget to fund enhancements to the courtyard or to fund completion of the courtyard.
- **Policy 2C-2:** For new courtyards/green spaces, develop courtyards prior to or simultaneous with the construction of the first facility adjacent to that courtyard.
- **Policy 2C-3:** New green spaces will vary to meet the needs of facility programs but will relate physically to the campus pedestrian-way system, provide a variety of spatial experiences, and be of a humanistic scale.
- **Policy 2C-4:** Courtyards will be physically well-defined by future facilities.
- **Policy 2C-5:** Maintain the landscape buffer surrounding campus on the west, south, and east edges. Promote a connected trail system.

Objective 2D: Organize Service network in a functional and unobtrusive manner
- **Policy 2D-1:** Organize service and loading functions away from the core campus visual, vehicular, and pedestrian axes.
- **Policy 2D-2:** Place service and loading functions and facilities in enclosures so that they are screened from view.

GOAL 3: Implement Sustainable Growth strategies

Objective 3A: Utilize urban design best practices to prevent campus sprawl.
- **Policy 3A-1:** Site new facilities on infill sites to promote a compact campus.
- **Policy 3A-2:** Implement traffic demand management strategies to reduce the number of new parking spaces needed.

Objective 3B: Support the development of energy-efficient facilities.
- **Policy 3B-1:** Design facilities to meet or exceed current state energy design guidelines and to site facilities, utilize materials, shading devices, and landscaping to improve energy efficiency.
- **Policy 3B-2:** Utilize passive energy conservation techniques, such as the planting of shade trees, shade structures, and the solar orientation of buildings and windows.

GOAL 4: Implement systems for regular community coordination

Objective 4A: Work together with the host town to continue/develop compatible land uses in the context area of the campus. See also Element 12, Intergovernmental Coordination.

- **Policy 4A-1:** Along campus borders, develop land use guidelines, aesthetic controls, and signage decisions together with the host town. The Vice President of Administrative Affairs or delegate will meet with town representatives to review existing controls and establish new ones if appropriate.

- **Policy 4A-2:** Through the mechanisms of the development agreement, the University will work with the Town of Jupiter to develop the appropriate scale and density within the context area. The Vice President of Administrative Affairs or delegate will meet with town representatives to review existing controls and establish new ones if appropriate.

- **Policy 4A-3:** Through the mechanisms of the development agreement, the University will work with the host community to ensure that buildings adjacent to the context area will be compatible in scale and mass to University development. The Vice President of Administrative Affairs or delegate will meet with town representatives to review existing controls and establish new ones if appropriate.

- **Policy 4A-4:** The University shall work closely with the Town of Jupiter to coordinate the integration of bike paths, walkways, transit, and other linkages to the community into the Town's plans for similar facilities.