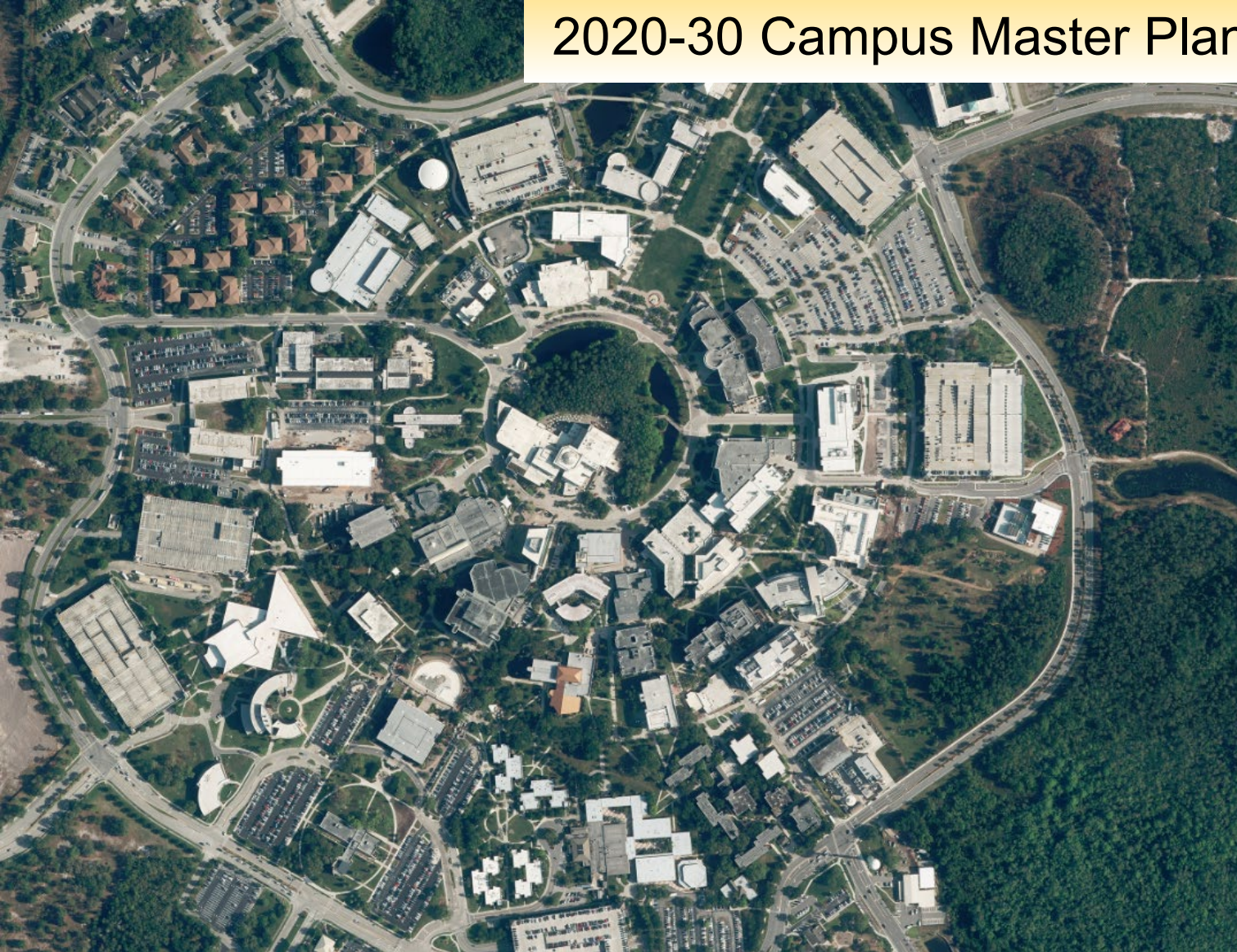


University of Central Florida

2020-30 Campus Master Plan Update



KICKOFF WORKSHOPS
FEBRUARY 19, 2019
FEBRUARY 22, 2019

Element Leaders & Advisory Resources

Elements	Element Leaders	Advisory Resources
Academic Mission and Programs	Paul Lartonoix	Manoj Chopra
FUTURE LAND USE and Urban Design	Bill Martin, Susan Hutson, Carl Kelly	
HOUSING	April Konvalinka	Sharon Ekern, Peter Mitchell, Rick Falco
RECREATION & OPEN SPACE	James Wilkening, David Hansen, Jen Elliott	Sharon Ekern, Rick Falco, Gary Cahen, Lisa Malloy
GENERAL INFRASTRUCTURE and Utilities	Curt Wade, Chris Kennedy, Mike Scruggs	
TRANSPORTATION	Mohamed Abdel-Aty, Krishna Singh	Naveen Eluru, <u>Samuil Hasan</u> , VHB Engineers
INTERGOVERNMENTAL COORDINATION	Fred Kittinger	
Public Safety	Carl Metzger, Jeff Morgan	Anthony Merola, David Zambri
CONSERVATION	Patrick Bohlen, Curt Wade, Dave Norvell	Nate Boyd, Chris Kennedy
CAPITAL IMPROVEMENTS and Implementation	Bill Martin, Susan Hutson	Carl Kelly
Architectural and Landscape Design Guidelines	Bill Martin, Patrick Bohlen	Chris Kennedy
Facilities Maintenance	Duane Siemen	

Schedule (draft)

2/19/2019	Workshop 1
2/22/2019	Workshop 2
2/25/2019 to 4/29/2019	<u>CMP Draft 1</u> <ul style="list-style-type: none"> • EL / AR Teams prepare Elements (GOP and D&A) • Working Sessions - FP&C assists EL / AR teams with narrative and graphics • FP&C writes CMP Front End and develops Document Appearance / Format • FP&C Meets with Administration
4/29/2019	EL / AR Teams deliver ELEMENT drafts to FP&C (GOP and D&A)
4/29/2019 to 5/15/2019	<ul style="list-style-type: none"> • Internal review of CMP Draft 1 • EL / AR Teams deliver EAR drafts to FP&C
5/15/2019	Open House Element Leaders answer questions about their Element & graphics
5/16/2019 to 7/16/2019	<u>CMP Draft 2</u> <ul style="list-style-type: none"> • Finalize Document Appearance / Format • Incorporate comments from Open House, F&S, UMPC, etc.
7/17/2019	1st Public Hearing
7/18/2019	<ul style="list-style-type: none"> • Send CMP Draft 2 to Local and State Review Agencies (90 days to review = 10/15) • Publish CMP Draft 2 on website & Hardcopy at library for public comment
7/18/2019 to 10/15/2019	<u>CMP Final</u> <ul style="list-style-type: none"> • FP&C compiles review comments as they come in from Review Agencies. • EL / AR Teams address and respond to comments for their elements (via FP&C)
11/14/2019	BOT Meeting / 2nd Public Hearing / CMP Adoption Hearing

Statutes, Regulations, and Jurisdiction

Section 1013.30 Florida Statutes

- A campus master plan must be updated at least once every 5 years and cover a planning period of 10-20 years
- Must contain 8 REQUIRED ELEMENTS
 - Future land use, transportation, intergovernmental coordination, capital improvements, recreation and open space, general infrastructure, housing, conservation
 - Each element must address compatibility with the surrounding community
 - Campus Master Plans may contain additional elements

Statutes, Regulations, and Jurisdiction

Board of Governors Regulations - Chapter 21

21.111 - CMP shall be consistent with the State Comprehensive Plan and not in conflict with the adopted comprehensive plans of the host...and any affected local governments.

21.202 There are eight (8) REQUIRED ELEMENTS. Optional elements are permitted. Related elements may be combined.

The campus master plan shall consist of:

1. Goals, objectives, and policies
2. Implementation of capital improvements
3. Implementation of sustainability initiatives in campus planning
4. Procedures for monitoring and evaluation of the campus master plan
5. Required maps showing future conditions

Statutes, Regulations, and Jurisdiction

Campus Master Plan JURISDICTION extends only to the main campus

- Includes some properties owned by Direct Support Organizations (DSO's) – e.g. the Athletics Association and Foundation
- Includes some university-affiliates – e.g. fraternities and sororities.

Other Campuses are within the jurisdiction of the cities or counties wherein they lie.

- Lake Nona, Downtown, ETC.

Goals, Objectives, & Policies (GOP)

- **GOAL** - The long-term end toward which programs or activities are ultimately directed.
- **OBJECTIVE** - A specific, measurable, intermediate end that is achievable and marks progress toward a goal.
- **POLICY** - The way in which programs and activities are conducted to achieve an identified goal.

See BOG 21.202 (2) for further information

Data & Analysis (D&A)

D&A reports support the recommendations in each element.

- Goals, objectives, policies, standards, findings and conclusions must be based on data.
- Data must be from professionally-accepted sources (best available existing data).
- Tables, charts, graphs, maps, figures and data sources, and their limitations must be clearly described.

See BOG 21.202 (2) for further information

2015-25 Evaluation & Appraisal Report

The EAR

UCF must REVIEW and ASSESS the 2015-25 Campus Master Plan.

Element teams to CONTRIBUTE:

- List the GOP that have been successfully reached.
- Identify the need for new or modified GOP to:
 - Correct unanticipated and unforeseen problems
 - Address opportunities that have occurred since adoption of the CMP
- Take a look at the 2010-20 EAR on the FP&C Planning website

The 2015-25 EAR will be incorporated into the 2020-30 CMP Update.

Elements from 1995 through 2015

UCF has used the following Elements for two decades:

2.1 ACADEMIC MISSION

2.2 ACADEMIC PROGRAMS

2.3 URBAN DESIGN

2.4 **FUTURE LAND USE**

2.5 ACADEMIC FACILITIES

2.6 SUPPORT FACILITIES

2.7 **HOUSING**

2.8 **RECREATION AND OPEN SPACE**

2.9 **GENERAL INFRASTRUCTURE**

2.10 UTILITIES

2.11 **TRANSPORTATION**

2.12 **INTERGOVERNMENTAL COORDINATION**

2.13 **CONSERVATION**

2.14 **CAPITAL IMPROVEMENTS**

2.15 ARCHITECTURAL DESIGN GUIDELINES

2.16 LANDSCAPE DESIGN GUIDELINES

2.17 FACILITIES MAINTENANCE

What is Changing?

Proposed Changes for 2020-30

Combining RELATED Elements

- General Infrastructure (stormwater, water, sewer) combined with Utilities (electric, gas, IT)
- Academic Mission combined with Academic Programs

Adding Optional Elements

- New Public Safety element
- New Implementation element combined with Capital Improvements

2020-30 CMP Elements

Proposed Elements (subject to change)

1.0 Academic Mission & Programs

2.0 **FUTURE LAND USE** & Urban Design

3.0 **HOUSING**

4.0 **RECREATION & OPEN SPACE**

5.0 **GENERAL INFRASTRUCTURE** & Utilities

6.0 **TRANSPORTATION**

7.0 **INTERGOVERNMENTAL COORDINATION**

8.0 Public Safety

9.0 **CONSERVATION**, Energy & Sustainability

10.0 **CAPITAL IMPROVEMENTS** & Implementation

- Includes Academic & Support Facilities

11.0 Design Guidelines

12.0 Facilities Maintenance

Questions

FOR YOUR CONSIDERATION

- Does the 2020-30 CMP need a **COMPREHENSIVE OVERHAUL**?
- Should we add a **VISION STATEMENT**, per BOG 21.2030? Who should write it?
- Should UCF look forward **10 years** (2020-30) or **20 years** (2020-40)?
- Does the 2020-30 CMP need a **NEW LOOK**?
- How do we **ALIGN** the 2020-30 CMP with?
 - The UCF Collective Impact Strategic Plan 2016?
 - The Landscape Master Plan and Design Standards 2016?
 - The Athletics Master Plan?
 - UCF Design, Construction, and Renovation Standards?
 - A future Housing Master Plan?

Other Changes

WHAT ABOUT THAT NEW LOOK?

Recent UCF documents are more engaging and easy-to-read than our 2015-25 Campus Master Plan Update was.

WE SHOULD TRY HARDER!

UCF COLLECTIVE IMPACT STRATEGIC PLAN 2016

WOW!

2 ATTRACT AND CULTIVATE EXCEPTIONAL AND DIVERSE FACULTY, STUDENTS, AND STAFF WHOSE COLLECTIVE CONTRIBUTIONS STRENGTHEN US



UCF's rapid growth and consistent progress toward its aspirational vision have attracted high-quality students, faculty and staff members over the past several decades. Believing that the magnitude of its future Impact will derive from leveraging its scale in combination with a relentless pursuit of excellence, the university will focus on making UCF a national and global magnet for exceptional talent, attracted to an inclusive environment that celebrates its differences.

We will build on the experience of those who have established UCF's reputation to date, continue to cultivate and expand their contributions and aggressively attract the next generation of exceptional and diverse students, faculty and staff members who will be critical to fulfilling our shared vision for the future. Recognizing that talent attracts talent and that reputation is important to retaining and recruiting the best students, faculty and staff members, we will continue to invest strategically to make UCF an outstanding place to learn and to work, and ensure that its reputation is more broadly known and appreciated.

The prominence of our students, faculty and staff members is at the heart of our pursuit of excellence, and we will be diligent in measuring the quality of our people and developing innovative strategies to ensure that UCF becomes a leading magnet for the best and brightest talent nationally and globally.

Believing that excellence and diversity go together, we will focus all our efforts on attracting and retaining exceptional people who bring a diverse range of backgrounds, perspectives, and contributions to the university community.

The tenured and tenure-track composition of our faculty is a critical determinant of our excellence and impact, as is the ratio of students to faculty members. We will focus on those characteristics of the university and measure our progress against the defined metrics included in our plan. To retain and attract the best talent, we must be deliberate in making UCF an attractive and highly valued place to work, and we will pursue innovative strategies to ensure that is the case in the future.

All of the stakeholders who contributed to this plan believe that our strengths and areas of excellence far surpass the reputation UCF has earned. Our youth and rapid growth are primary reasons for this lack of awareness, but our plan calls for more aggressive investment in new communications strategies to ensure that UCF becomes much better known throughout the nation and the world. That story, we believe, will be anchored in the students, faculty, and staff members who are UCF.

EXPAND AREAS OF DISTINCTIVE IMPACT	
Metrics	<ul style="list-style-type: none"> • Convene a transdisciplinary team to define targeted grand challenges that leverage our existing strengths across disciplines and build collaborative five-year strategies with partners by 12/31/16, including a high level twenty-year roadmap. • Achieve milestones and metrics as defined in the grand challenges plans.
Strategies	<ul style="list-style-type: none"> • Invest human and financial resources to solve defined grand challenges that leverage our existing strengths across disciplines, differentiate UCF from other institutions, and respond to the changing local, national, and global needs of society. • Adopt a culture of creative disruption to push the boundaries of scholarship, science, and technology while also pursuing knowledge for its own sake. • Remain open and responsive to new, creative, and possibly disruptive titles, organizational structures, and partnership opportunities while continuously identifying and responding to grand challenges that merit investment. • Use external and internal data analytics to assess how programs or fields compare to peer and aspirational peer universities. • Promote and receive public recognition for leadership in addressing grand challenges.
Lead	<ul style="list-style-type: none"> • Provost • Vice President for Research and Dean of Graduate Studies • Vice Provost for Faculty Excellence and International Affairs and Global Strategies • Assistant Vice President, Institutional Knowledge Management • Deans and Department Heads • Vice President for Communications and Marketing


RESEARCH ENGAGEMENT	
Metrics	<ul style="list-style-type: none"> • Achieve level at which at least 25% of graduate degrees awarded are research-focused. • Reach at least 200 post-doctoral research appointees.* • Increase the number of projects presented at the Showcase of Undergraduate Research Excellence by 50%. • Increase undergraduate participation in some form of research by 50%.
Strategies	<ul style="list-style-type: none"> • Develop a university-wide plan, with active participation by the Undergraduate Research Council, that identifies strategies by college and department to achieve the metrics. Build on the success of the Honors in the Major program within the Burnett Honors College. • Include stipends for graduate students and postdoctoral scholars in all proposals. • Revitalize the post-doctoral website and management responsibility. • Cultivate fundraising opportunities for undergraduate research presentations.
Lead	<ul style="list-style-type: none"> • Provost • Vice President for Research and Dean of Graduate Studies • Vice Provost for Teaching and Learning and Dean of Undergraduate Studies • Director, Office of Undergraduate Research • Deans and Department Heads

WOW!


12 UNIVERSITY OF CENTRAL FLORIDA

2. CREATE A MORE SUSTAINABLE CAMPUS


Campus plantings that match the species to the growing environment



UCF shuttle



Native Cypress Dome at the heart of campus



All campus improvements should be made with an eye toward sustainability, such as promoting multi-modal transportation, reducing heat islands, and maintaining man-made and natural landscapes.

Increase shade for pavement and pedestrians.

- Provide shade for walkways and gathering areas
- Add appropriately-sized planting islands to parking areas to minimize heat island effect
- Add shade trees to roadway edges

Design campus plantings to minimize maintenance.

- Use regionally sourced materials where possible
- Employ native species, or adapted species, matching the species to the growing environment
- Employ a consistent plant palette to promote plant familiarity among grounds staff
- Reduce floating beds in open lawn areas

Promote walking, biking, and shuttle bus use.

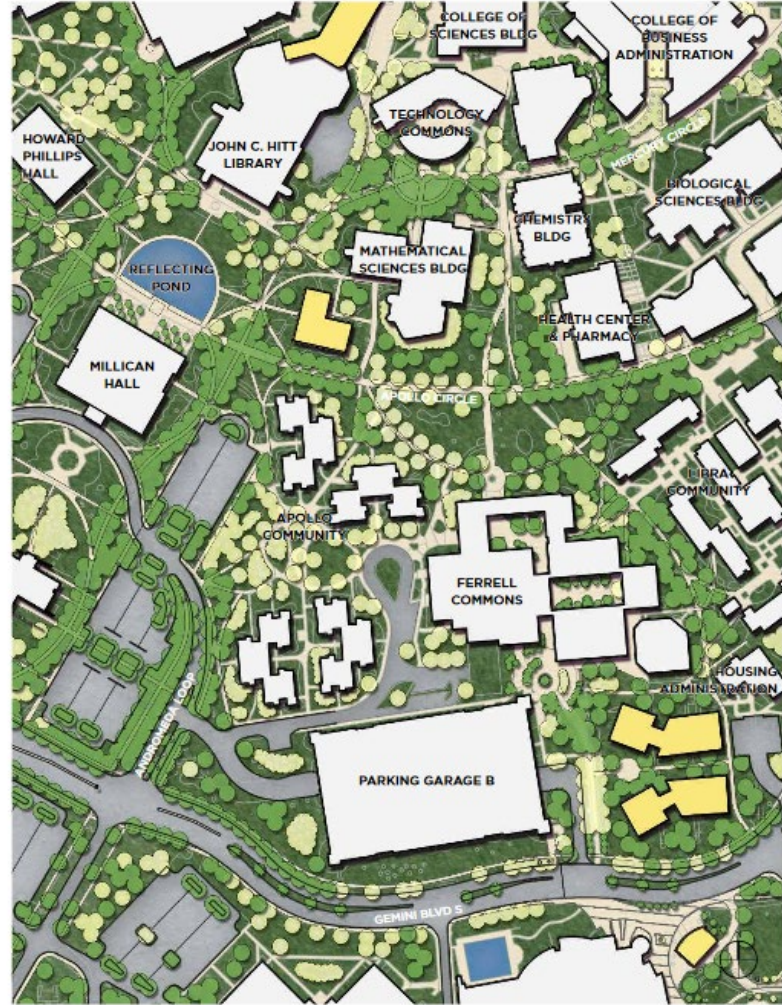
- Remove parking from the campus core, except for handicap and service/delivery spaces
- Shade walkways
- Enhance safety for bicyclists with dedicated bike lanes
- Provide and organize bike racks
- Connect with the proposed East Orange and North Alafaya Regional Trails

Steward natural areas.

- Restore and preserve the perimeter natural areas
- Integrate natural areas into the campus core with naturalistic radial connections to promote greater appreciation of the natural areas
- Develop a master plan for the remaining arboretum adjacent to Apollo Circle to integrate it into campus life

Select campus furnishings with sustainability as a criteria.

CAMPUS LANDSCAPE MASTER PLAN AND DESIGN STANDARDS THE LANDSCAPE MASTER PLAN 61



Out With The OLD?

2.11 TRANSPORTATION ELEMENT Goals, Objectives, and Policies

GOAL 1: To plan for future motorized and non-motorized traffic circulation systems to ensure the provision of adequate transit, circulation, and parking facilities to meet future transportation needs.

OBJECTIVE 1.1: To inventory annually and report parking demand, traffic demand, and traffic operating conditions.

POLICY 1.1.1: Parking utilization and parking space ratios shall be annually monitored by the University to determine that adequate parking is being provided.

POLICY 1.1.2: The University shall collect and report traffic data for on-campus roadways during the 5-year Master Plan Update process or as necessary

POLICY 1.1.3: On-campus traffic accident and safety-related data shall be collected and reported as necessary. This information would continue to serve as a basis for identifying improvements necessary to reduce the number of accidents and improve campus safety.

POLICY 1.1.4: Every five years, the University Master Planning Committee and the Facilities Planning and Construction Department, together with appropriate faculty and administration, shall review all campus development plans for compliance with the master plan's criteria for parking, circulation, and access, as described in the Transportation Element.

POLICY 1.1.5: When financially feasible, the prioritization and timing of on-campus transportation infrastructure improvements shall be concurrent with the construction of campus land uses which impact existing and proposed campus infrastructure. All necessary on-campus roadways and parking facilities required to support the UCF Campus Master Plan development program must be in place and operating with available capacity to accommodate new development impacts without degradation in operations below the minimum levels of service, as defined and adopted by the University.

POLICY 1.1.6: The University shall not widen any existing campus roadway beyond four lanes, and shall not widen existing two-lane roads within the 1,200-foot radius sidewalk, as defined in this Transportation Element.

POLICY 1.1.7: When financially feasible, the University shall maintain a minimum level of service of "E" for all campus roadways, as per the 2012 FDOT Quality Level of Service Handbook, except when that level

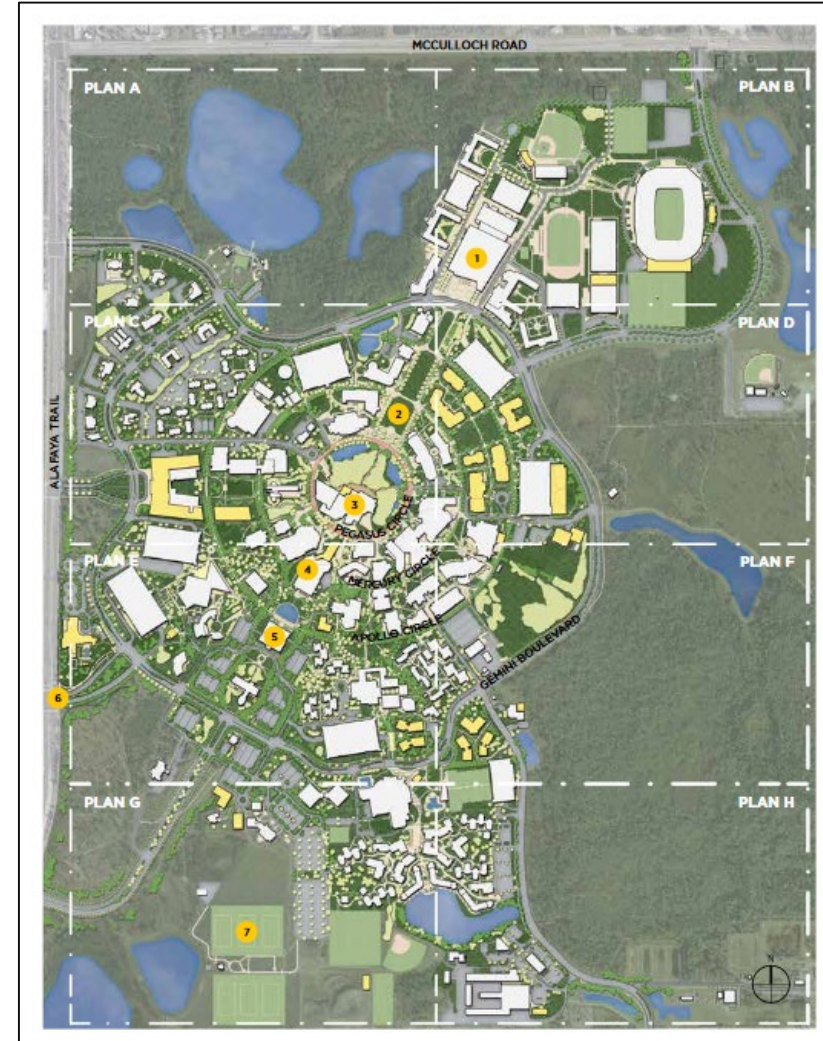
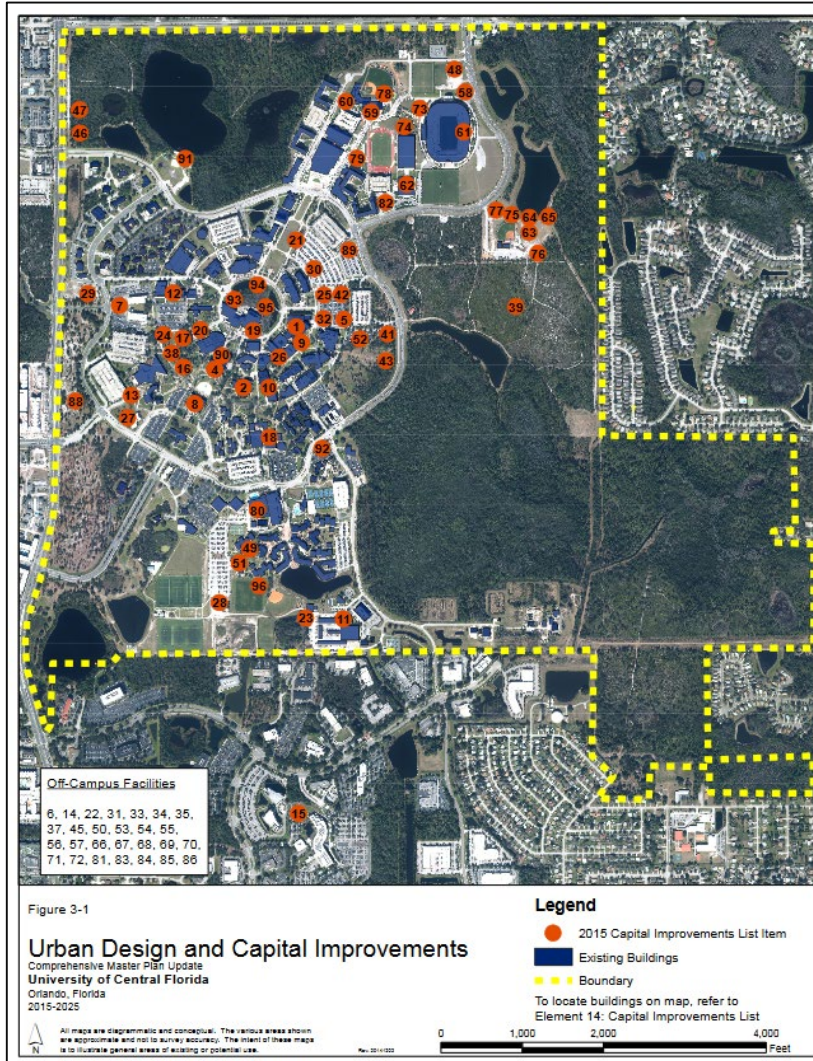
???

**bold
modern
youthful
entrepreneurial
energetic**

(the UCF brand lexicon)

NEW LOOK FOR GRAPHICS?

Campus Map from the Landscape Master Plan 2016



Urban Design & Capital Improvements Map from 2015 CMP

THE KICKOFF WORKSHOPS

LET'S GET TO WORK!

ELEMENTS DISCUSSION

Workshop 1

HOUSING

- FOR CONSIDERATION “HOUSING & STUDENT SERVICES? (SIMILAR TO UNIV. OF SOUTH FLORIDA)

ACADEMIC MISSION & PROGRAM

- COMBINES TWO FORMER OPTIONAL ELEMENTS

GENERAL INFRASTRUCTURE & UTILITIES

- COMBINES A REQUIRED WITH AN OPTIONAL ELEMENT

PUBLIC SAFETY

- NEW ELEMENT (SEE UNIVERSITY OF FLORIDA)

FACILITIES MAINTENANCE

ELEMENTS DISCUSSION

Workshop 2

RECREATION & OPEN SPACE

- FOR CONSIDERATION “RECREATION, **ATHLETICS**, & OPEN SPACE” (SEE FLORIDA GULF COAST UNIVERSITY)

TRANSPORTATION

INTERGOVERNMENTAL COORDINATION

CONSERVATION, Energy, & Sustainability

- ELEMENT LEADERS MAY STAY WITH “**CONSERVATION**” w/ Sustainability interlaced throughout the CMP.

Architectural & Landscape Design Guidelines

- COORDINATE WITH PUBLISHED UCF ARCHITECTURAL & LANDSCAPE GUIDELINES.

Both Workshops

- CAPITAL IMPROVEMENTS
- FUTURE LAND USE

CAPITAL IMPROVEMENTS DISCUSSION

CAPITAL IMPROVEMENTS LIST (CIL)

A forward-thinking list of projects that UCF needs in the long term. It is part of the Capital Improvements element.

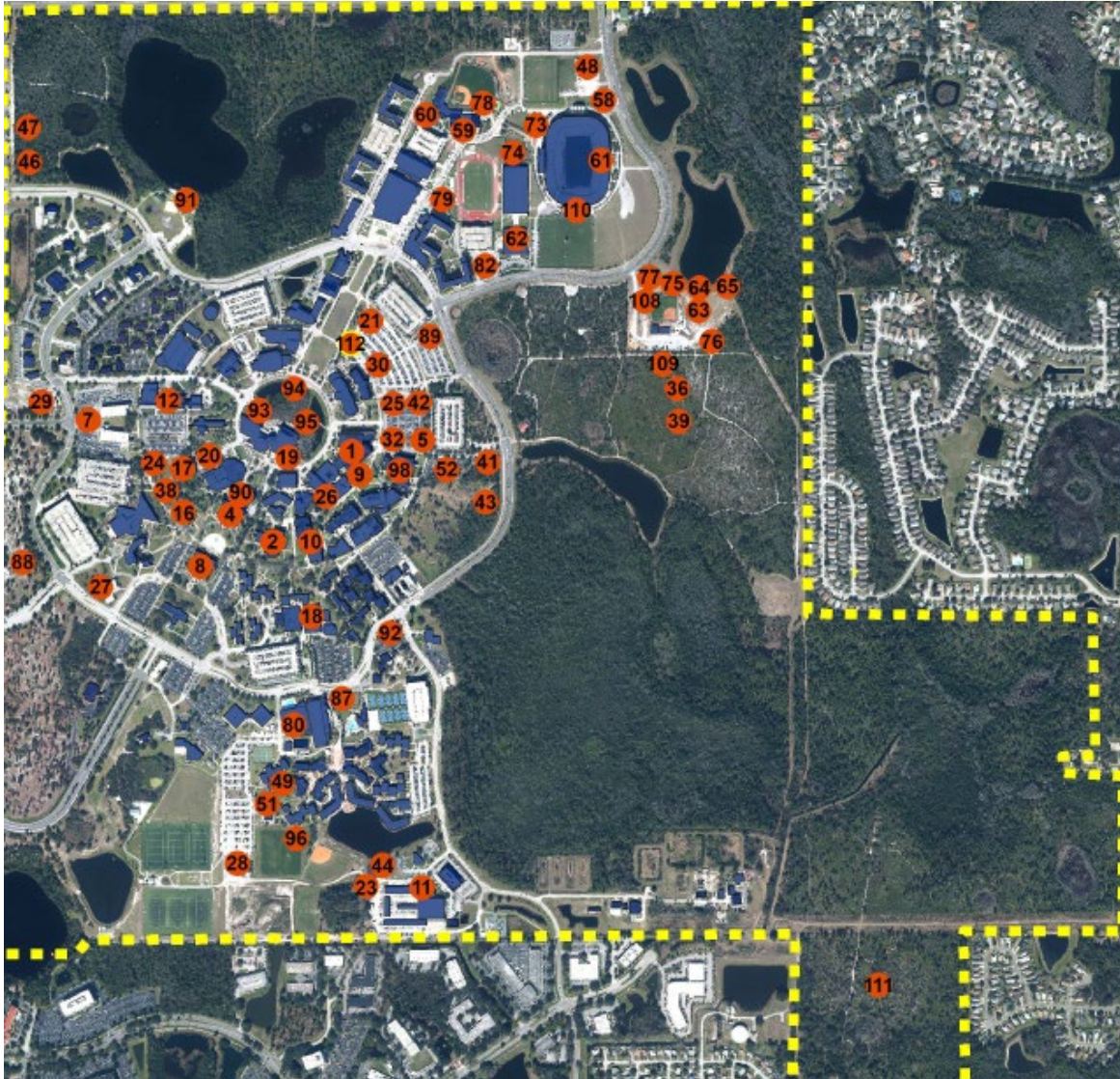
Between CMP updates, the CIL may be updated by minor amendment when UCF needs to add, remove, or rename a project.

See CIL handout for this discussion:

- Projects from the 2015-25 CIL, as amended through 2019
- MINUS Projects completed, under construction, no longer needed, etc.
- PLUS New Projects
- EQUALS Projects that need to be on the 2020-30 CAPITAL IMPROVEMENTS LIST

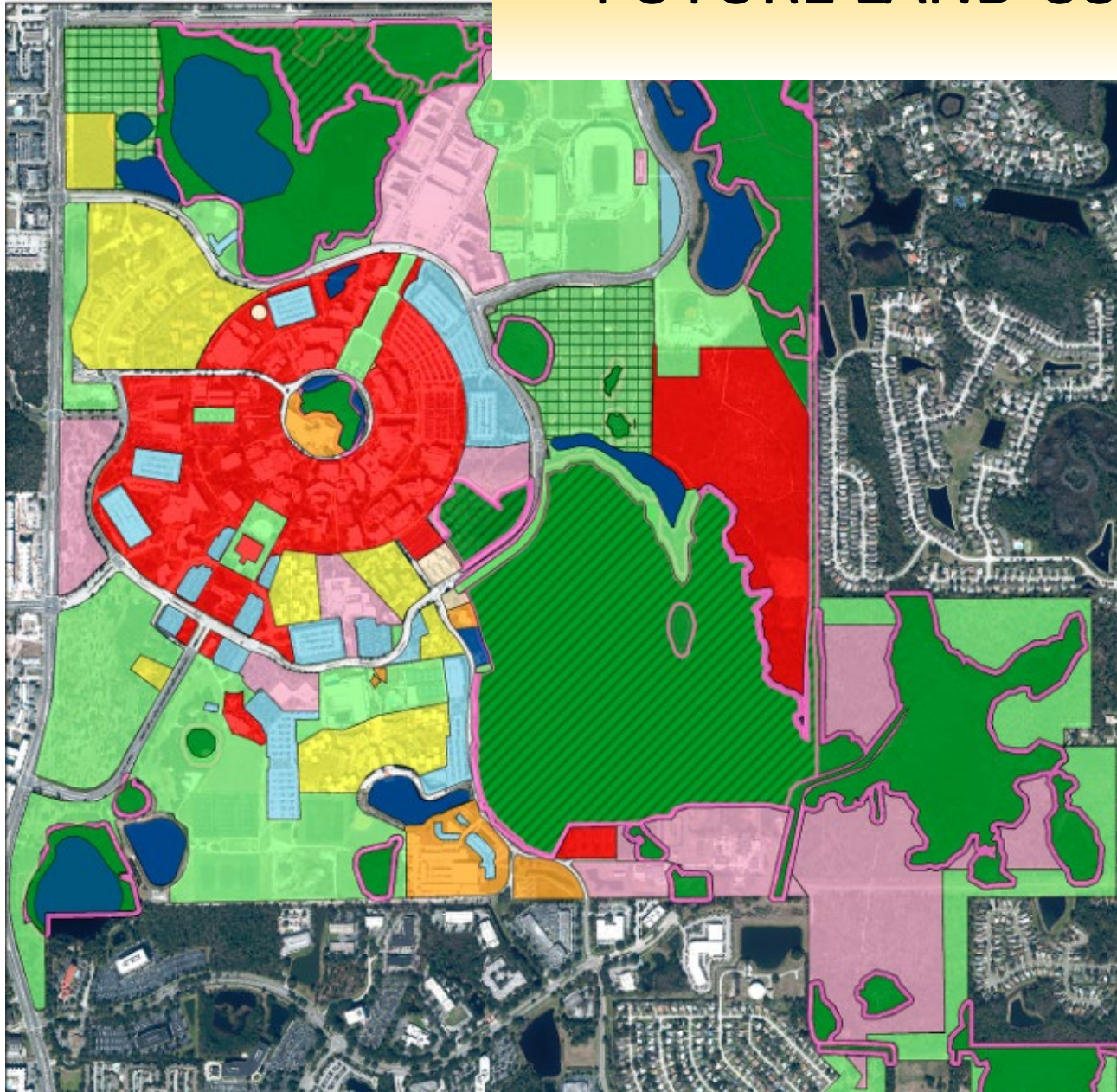
The CIL is often confused with the CIP (5-year Capital Improvements Plan). The CIP is the tool by which UCF prioritizes needs yearly and requests funding.

CAPITAL IMPROVEMENTS MAP



Projects shown on the Capital Improvements List are indicated on this map, with corresponding numbers.

FUTURE LAND USE MAP

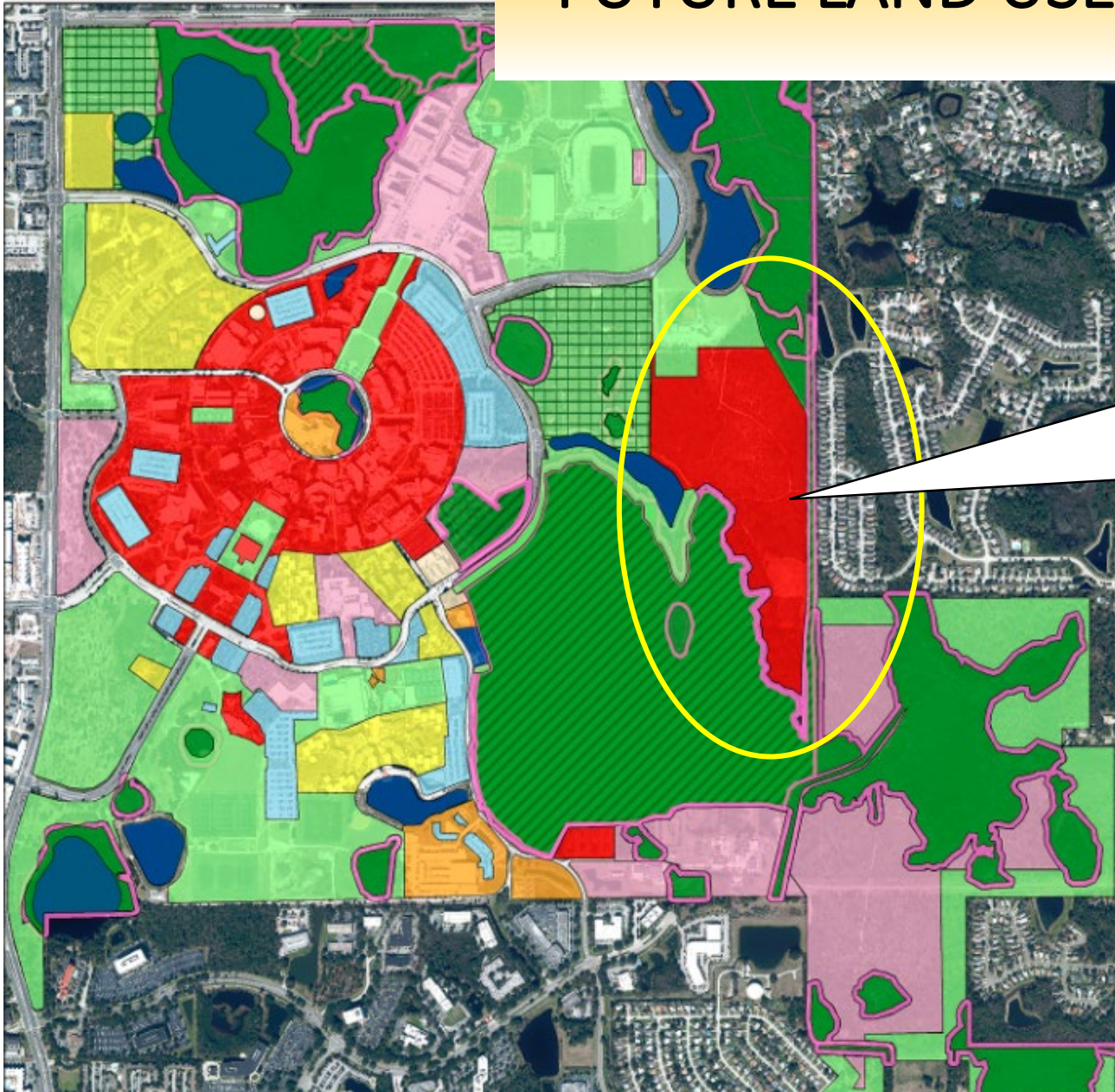


Legend

-  Parking
-  Support
-  Academic/Research
-  Residential
-  Recreation/Open Space
-  Mixed Use
-  Utility
-  Conservation (wetland)
-  Conservation (upland)
-  Conservation Easements
-  Lakes



FUTURE LAND USE DISCUSSION



DEVELOPABLE LAND

Shown as Academic Land Use
since 1995.

Known as the PARTNERSHIP CAMPUS
since 2010.

**What is its highest and
best use?**

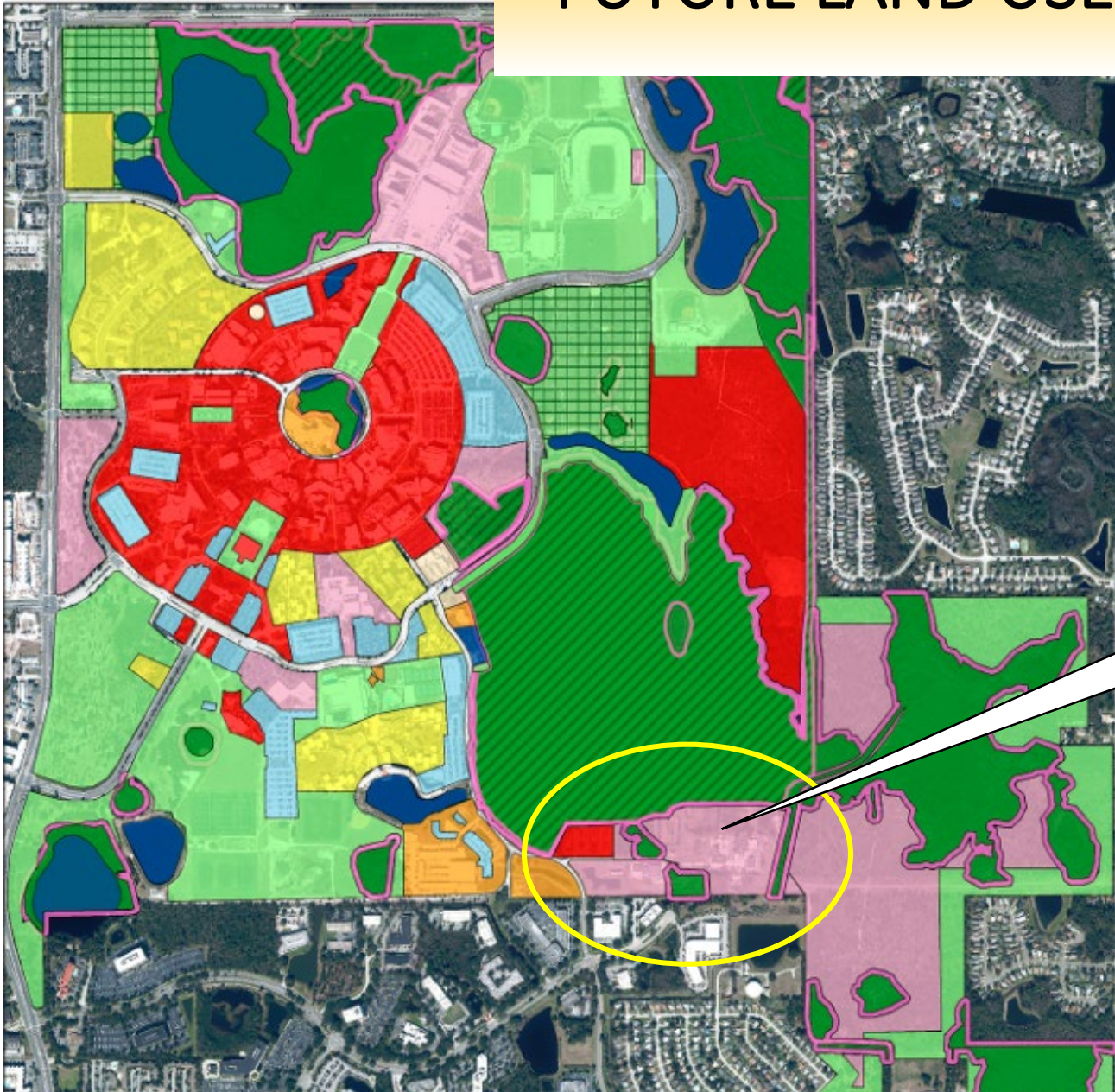
The Partnership Campus



The
PARTNERSHIP CAMPUS
was Dr. Hitt's legacy to a
future UCF president.

2014 conceptual site plan presented President John Hitt.

FUTURE LAND USE DISCUSSION



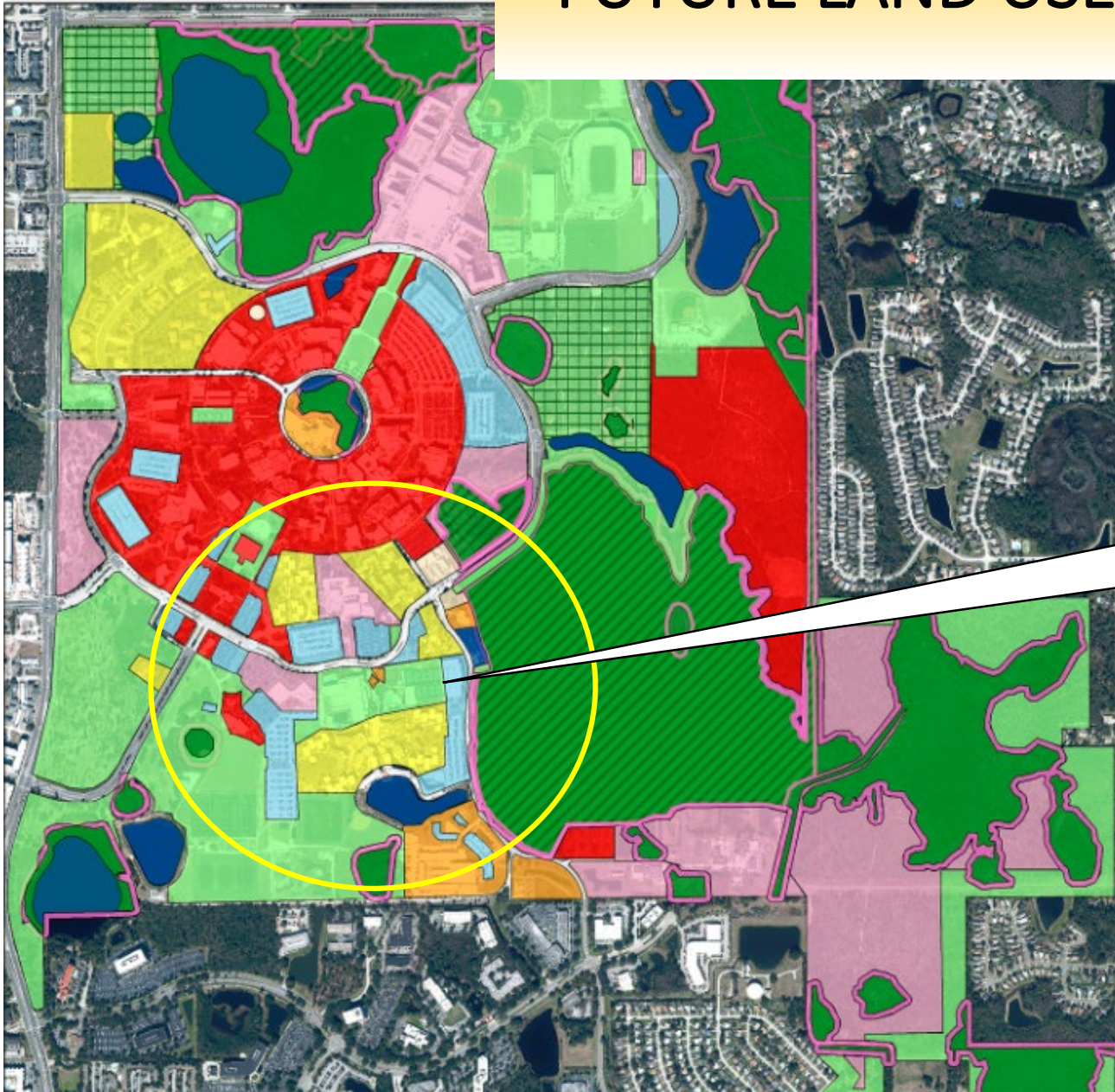
ARA DRIVE
What is its highest and best use?

Ara Drive Research Area



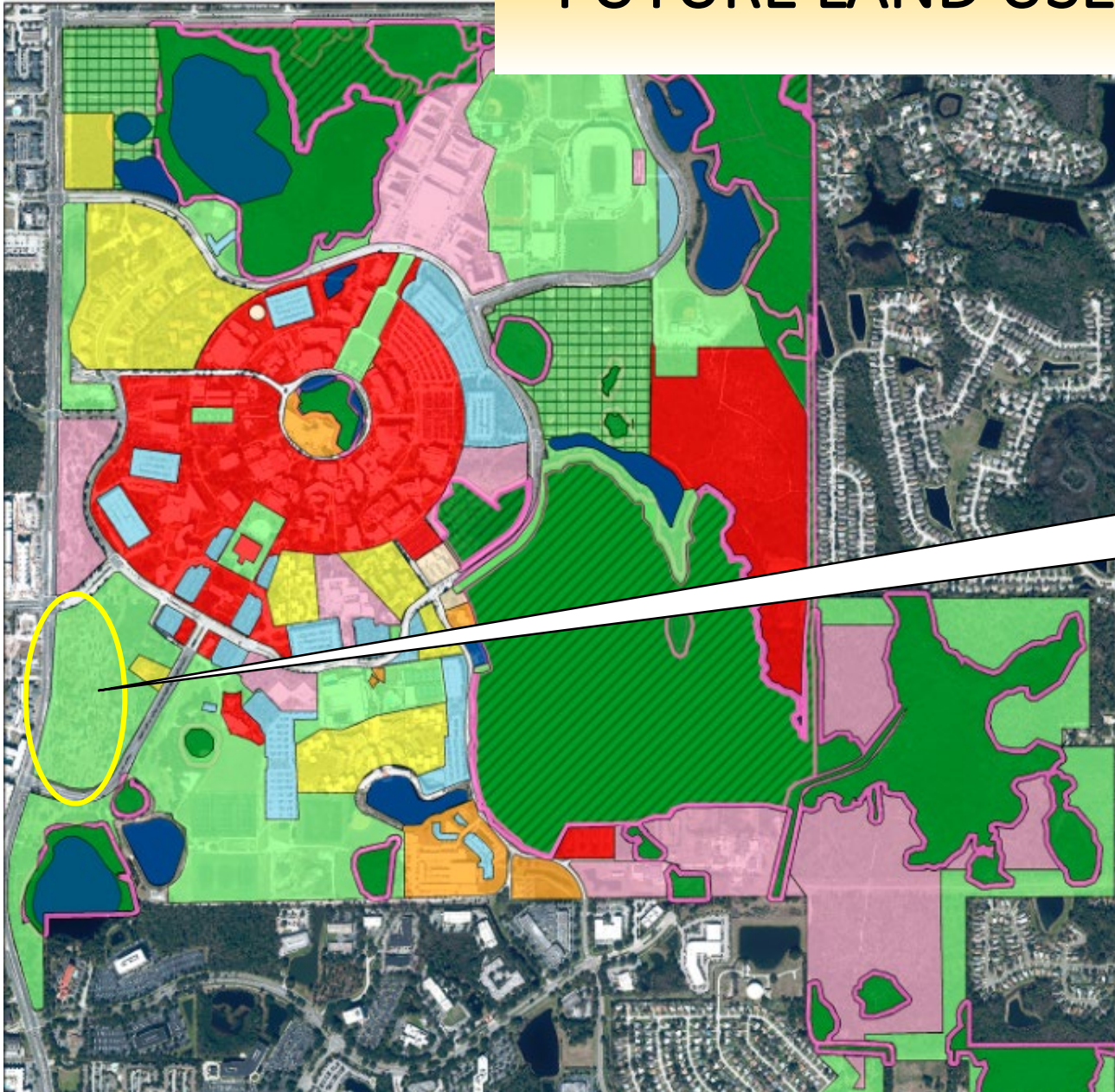
2018 conceptual site plan presented to the Facilities Budget Committee

FUTURE LAND USE DISCUSSION



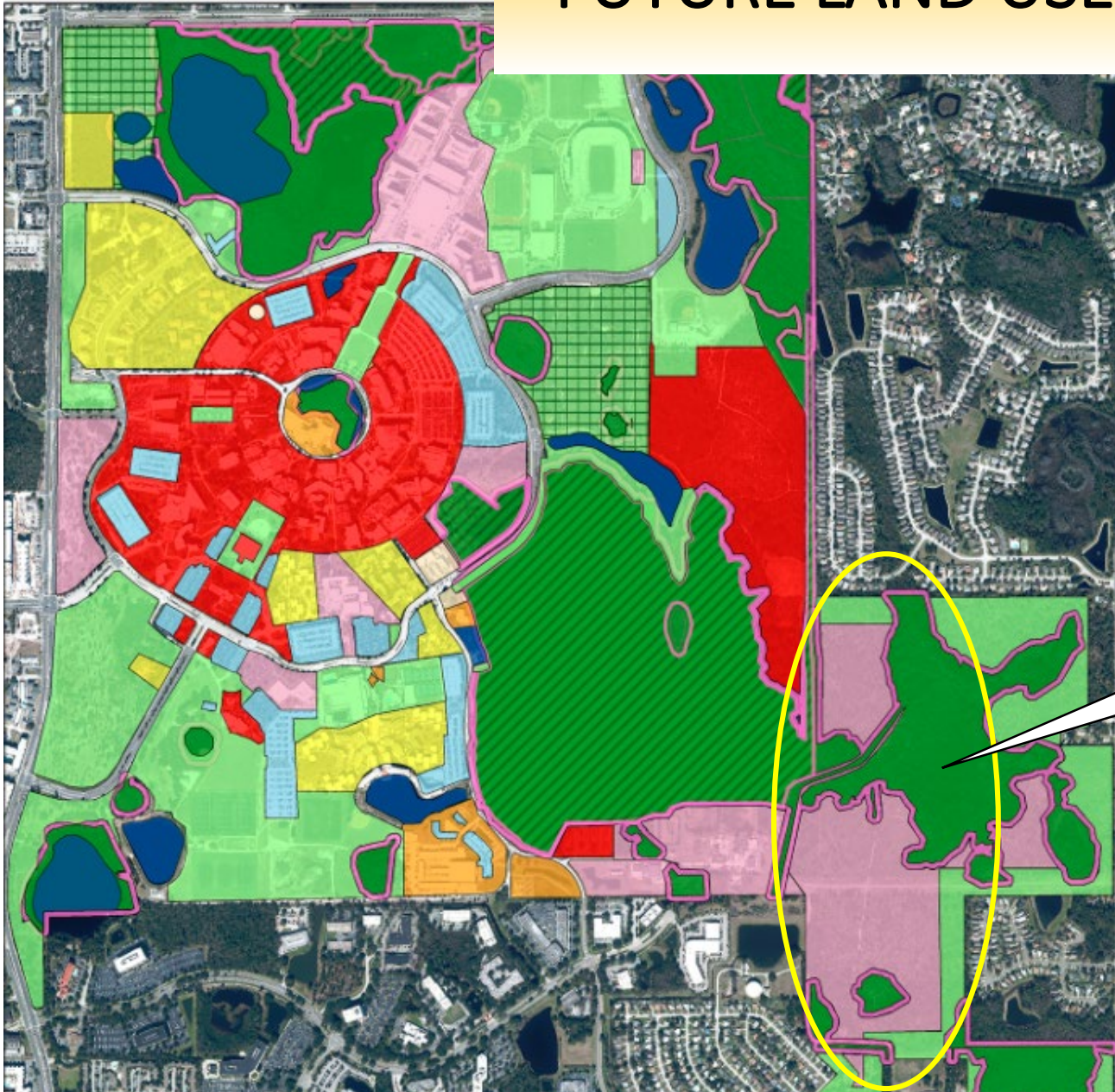
Primarily
RECREATION and HOUSING
What could we do better?

FUTURE LAND USE DISCUSSION



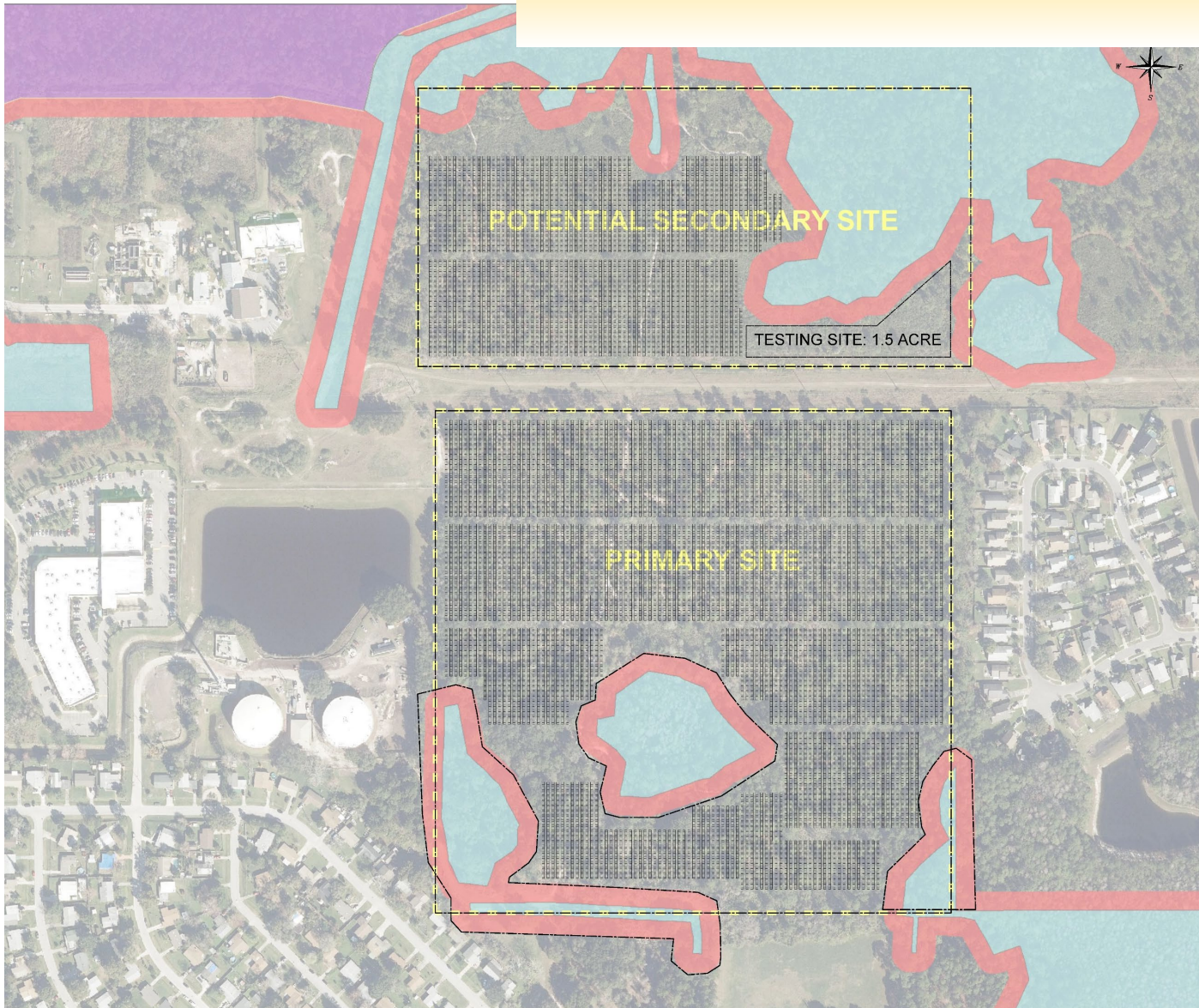
DEVELOPABLE LAND
What is its highest and best use?

FUTURE LAND USE DISCUSSION



DEVELOPABLE LAND
What is its highest and best use?

UCF Solar Farm



The Solar Farm proposed for this site in 2017, did not receive the support of the UCF Board of Trustees.

CHARGE ON!

