LVL COMMITTEE MEETING - DESIGN DEVELOPMENT

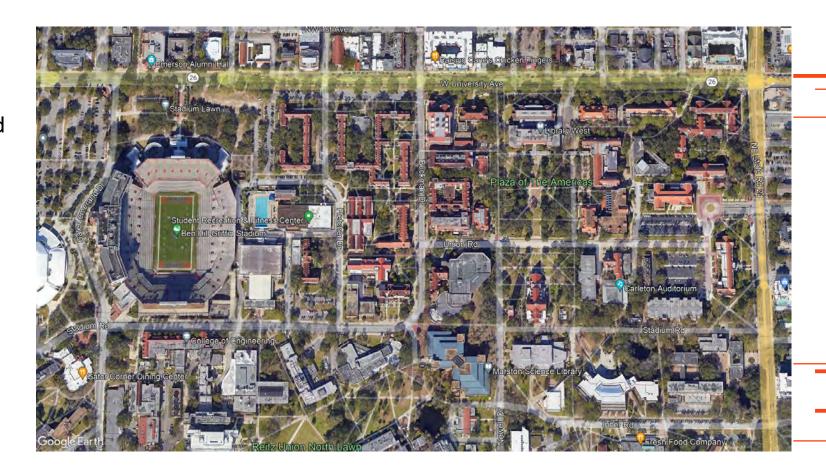


# **UF Disability Resource Center UF-675**

Tamera Baughman, UF PDC Project Manager



- Project includes the removal of an existing parking lot, modifications to Fletcher Drive and a service road, and the construction of a two-story building.
- The DRC will be a new 14,837 SF facility including testing spaces, meeting rooms, and other resource materials
- The project is pursuing LEED Gold certifications





- This project extends from Stadium Road to the existing UF Student Health building. It also includes Fletcher Drive and the space between the service drive and the Florida Gymnasium.
- The site contains multiple trees and has significant grade change from east to west.





## **Existing Site Photos**









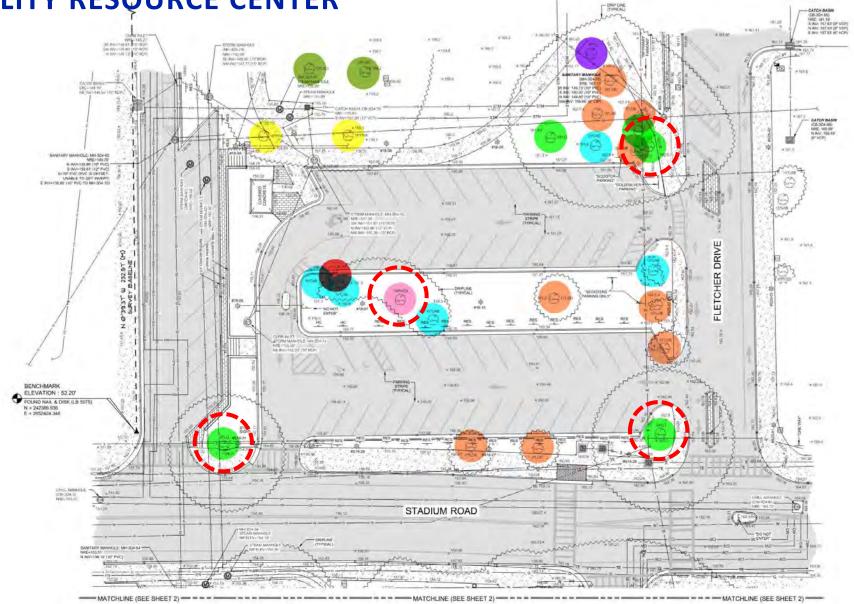






## **Site Survey**

- LIVE OAK
- LAUREL OAK
- HICKORY
- TURKEY OAK
- SPRUCE PINE
- SLASH PINE
- LOBLOLLY PINE
- PINDO PALM
- SABAL PALM
- HERITAGE TREE





#### **Site Plan**













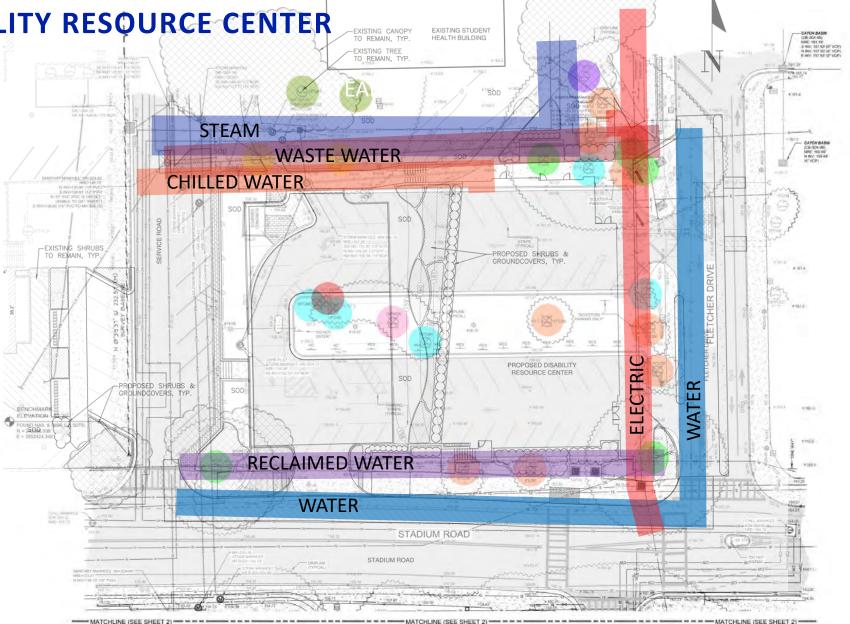






## **Required Utility Improvements**

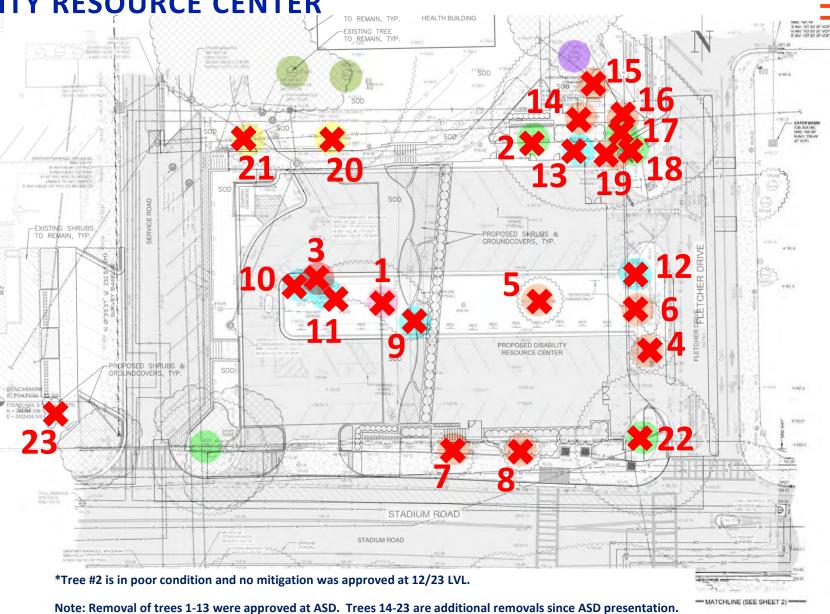
Extensive utility improvements are required within and adjacent to this project site to accommodate this project and the future UF-689 Hamilton Center Project.





### **Tree Impact Summary**

Tree impact Summary					
#	Size/Species	Required Mitigation Trees			
1	24" Hickory	4			
2*	18" Live Oak	0*			
3	24" Loblolly Pine	2			
4	15" Loblolly Pine	2			
5	11" Loblolly Pine	2			
6	10" Loblolly Pine	2			
7	10" Loblolly Pine	2			
8	9" Loblolly Pine	2			
9	16" Sabal Palm	2			
10	16" Sabal Palm	2			
11	14" Sabal Palm	2			
12	12" Pindo Palm	2			
13	10" Sabal Palm	2			
14	13" Loblolly Pine	2			
15	15" Loblolly Pine	2			
16	13" Loblolly Pine	2			
17	15" Live Oak	2			
18	25" Live Oak	5			
19	24" Loblolly Pine	2			
20	18" Spruce Pine	2			
21	16" Spruce Pine	2			
22	28" Live Oak	6			
23	17" Loblolly Pine	2			





## **Tree Impact Summary**



13" Loblolly Pine

15" Loblolly Pine



13" Loblolly Pine

15" Live Oak

25" Live Oak

24" Loblolly Pine



## **Tree Impact Summary**



20 18" Spruce Pine

**21** 16" Spruce Pine



**22** 28" Live Oak





#	Size/Species	Required Mitigation Trees
1	24" Hickory	4
2*	18" Live Oak	0*
3	24" Loblolly Pine	2
4	15" Loblolly Pine	2
5	11" Loblolly Pine	2
6	10" Loblolly Pine	2
7	10" Loblolly Pine	2
8	9" Loblolly Pine	2
9	16" Sabal Palm	2
10	16" Sabal Palm	2
11	14" Sabal Palm	2
12	12" Pindo Palm	2
13	10" Sabal Palm	2
14	13" Loblolly Pine	2
15	15" Loblolly Pine	2
16	13" Loblolly Pine	2
17	15" Live Oak	2
18	25" Live Oak	5
19	24" Loblolly Pine	2
20	18" Spruce Pine	2
21	16" Spruce Pine	2
22	28" Live Oak	6
23	17" Loblolly Pine	2
	Total:	53 Trees



23 17" Loblolly Pine

## **Tree Impact Summary**

\*Tree #2 is in poor condition and no mitigation was approved at 12/23 LVL.

Note: Removal of trees 1-13 were approved at ASD. Trees 14-23 are additional removals since ASD presentation.

8

SHRUBS

## **UF-675 UF DISABILITY RESOURCE CENTER**

### **Landscape Plan**

GROUNCOVERS Pink Muhly Muhlenbergia capillaris



Black-Eyed Susan\* Rudbeckia hirta



Walter's Viburnum Viburnum obovatum

Oak-leaf Hydrangea Hydrangea quercifolia





**Dune Sunflower** 

Helianthus debilis

**Dwarf Yaupon Holly** Ilex vomitoria 'Nana'



Sand Cordgrass Spartina bakeri

Zamia floridana



Plantings will focus on using all native shrubs and groundcovers. Final Landscape Plan will be reviewed with Facilities Services prior to 100% Construction Documents.



## **Sustainability and Site Impact Analysis**

• Project pursuing LEED Gold Certification



A motion to approve the project as presented.

**UF-675 UF DISABILITY RESOURCE CENTER** 

LVL COMMITTEE MEETING - SCHEMATIC DESIGN

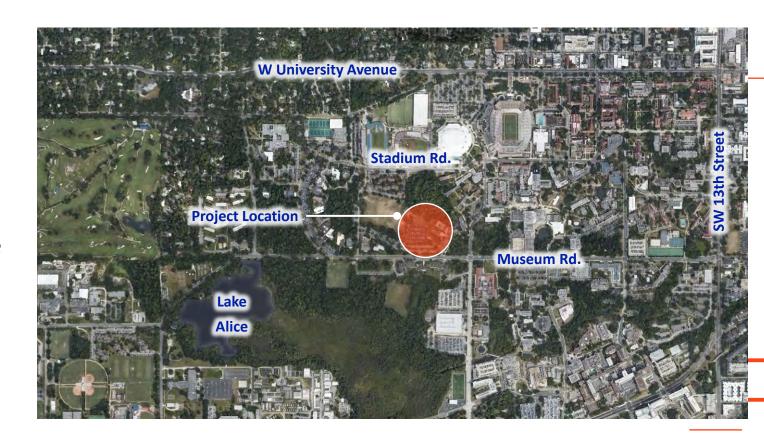


# **UF-681 Flavet Outdoor Recreation Complex**

Andrew Meeker, UF PDC Project Manager



- The site is located to the east of Flavet Field, north of Museum Road.
- The project site features a surface parking lot, 6 tennis courts, restroom building, and 4 pickleball courts.
- The project aims to meet the current and future needs of the UF community with modern recreational facilities.
- The project team just completed the CSD package in March.









- In 2018, UF converted the existing tennis courts on the east side of Flavet Field into a temporary parking lot.
- Recently, a portion of the parking lot was demolished and six (6) new tennis courts have been constructed.
- The plan has always been for the parking lot to removed and restored to recreational use..









#### **Project History**

- Project is the previous site of Florida Veterans (Flavet) Village, from 1945 until the 1970's.
- Built to house veterans and their families.
- Bandshell was built in 1978.





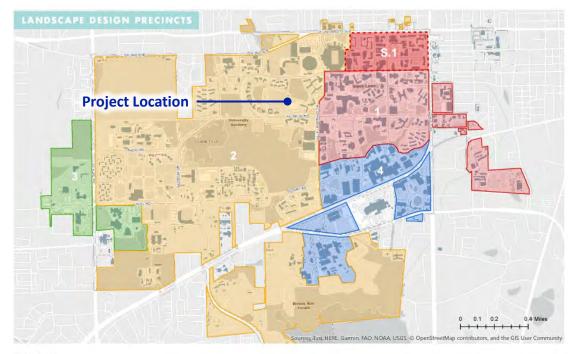






#### **Landscape Master Plan**

- The project site falls within the LMP Precinct #2 West.
- The project isn't identified as a priority project or a campus area for enhancement. It does not front the Arts Axis or Art Walk.
- The project is located adjacent to the Graham Woods Conservation Area.
- The project maintains the required 50' buffer from the wetland within Graham Woods.







#### **Project Vision & Guiding Principles**

#### VISION:

CREATE AN INCLUSIVE
OUTDOOR RECREATION
COMPLEX THAT
PROMOTES PHYSICAL
AND MENTAL WELLNESS
THROUGH A VARIETY
OF PASSIVE AND
ACTIVE RECREATIONAL
OPPORTUNITIES.

#### **GUIDING PRINCIPLES:**

PROVIDE UNIQUE RECREATIONAL OPPORTUNITIES ON CAMPUS THAT SUPPORT THE DIVERSE NEEDS OF THE CAMPUS COMMUNITY

**DECREASE BARRIERS** TO PARTICIPATION + **ENGAGE USERS**THAT ARE NOT CURRENTLY UTILIZING RECSPORTS FACILITIES

CREATE **FLEXIBLE SPACES** THAT CAN BE USED 24/7 AND YEAR ROUND

**PROVIDE CONNECTIONS** TO THE SURROUNDING CONTEXT AND THOUGHTFULLY INTEGRATE ACTIVITIES WHERE STUDENTS CAN GATHER, PLAY, RELAX, INTERACT, AND CELEBRATE

EXEMPLIFY UF'S **COMMITMENT TO SUSTAINABILITY** WHILE CREATING A SPACE THAT IS UNIQUELY UF



#### **Stakeholder Engagement**

- Online Student Survey Open December 5 through January 14, over 1100 responses
- January 10 Tabling (Reitz Union)
- January 11 Tabling (SW Recreation)
- March 20 UF RecSports Advisory Board
- April 1 UF Planning, Solid Waste, Grounds, Utilities, & EH&S
- April 3 UF RecSports Staff
- April 4 Special Events Review On-Site meeting













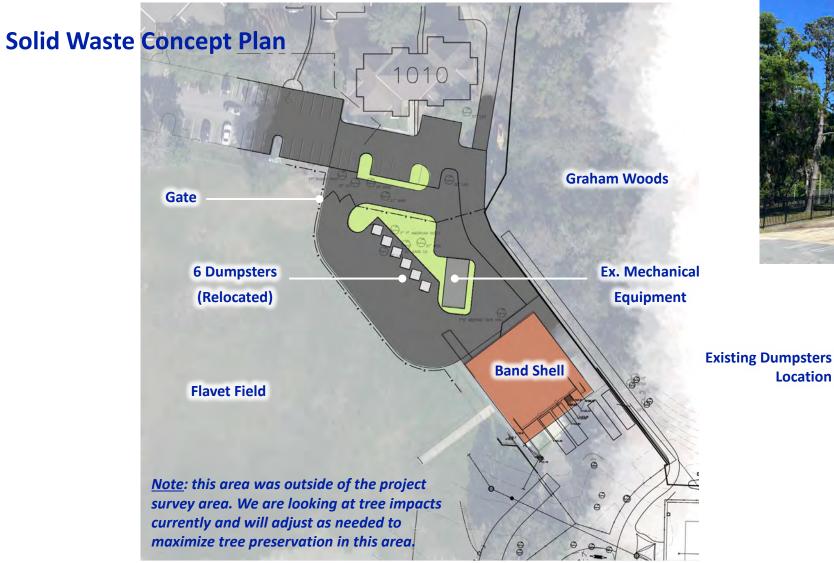
**Site Plan** 



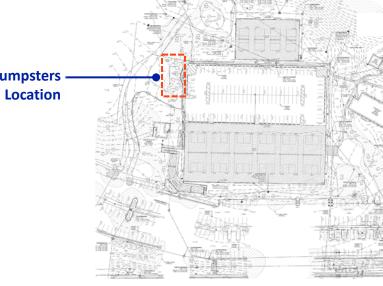
#### SITE KEY

- | Sand Volleyball
- 2 Pickleball Courts
- 3 Central Green (35' x 70')
- 4 Flex Recreation Space
- 5 Existing Tennis
- 6 Walking Trail Loop
- 7 Primary Circulation Trail
- 8 | Sidewalk Connection to Museum Road
- 9 New Accessible Parking
- 10 Accessible Sidewalk Route
- | | Passive Park / Plaza Space
- Office Kiosk / Storage / Locker Structures
- 13 Flex Plaza Space (Table Tennis)
- |4| Hammock Area
- 15 Bike Racks
- | Shade Umbrellas / Sails / Structures
- |7| Seat Wall
- 18 Retaining Wall
- 19 Existing Restroom
- 20 Expanded Band Shell Back of House Operation Area











**Site Plan** 



#### SITE KEY

- | Sand Volleyball
- 2 | Pickleball Courts
- 3 | Central Green (35' x 70')
- 4 Flex Recreation Space
- 5 Existing Tennis
- 6 Walking Trail Loop
- 7 Primary Circulation Trail
- 8 Sidewalk Connection to Museum Road
- 9 New Accessible Parking
- 10 Accessible Sidewalk Route
- | | Passive Park / Plaza Space
- Office Kiosk / Storage / Locker Structures
- [13] Flex Plaza Space (Table Tennis)
- | 4 | Hammock Area
- 15 Bike Racks
- 16 Shade Umbrellas / Sails / Structures
- |7| Seat Wall
- 18 Retaining Wall
- [9] Existing Restroom
- 20 Expanded Band Shell Back of House Operation Area



**Site Plan** 



#### **SITE KEY**

- | Sand Volleyball
- 2 | Pickleball Courts
- 3 Central Green (35' x 70')
- 4 Flex Recreation Space
- 5 Existing Tennis
- 6 Walking Trail Loop
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- 8 | Sidewalk Connection to Museum Road
- 9 New Accessible Parking
- 10 Accessible Sidewalk Route
- | | Passive Park / Plaza Space
- Office Kiosk / Storage / Locker Structures
- Flex Plaza Space (Table Tennis)
- 14 Hammock Area
- 15 Bike Racks
- | Shade Umbrellas / Sails / Structures
- 7 Seat Wall
- 18 Retaining Wall
- 19 Existing Restroom
- Expanded Band Shell Back of House Operation Area



#### **Stormwater Management**

- Stormwater currently flows to the north, to Graham Woods. The site is located within the Lake Alice Watershed.
- The project team has been coordinating with the Lake Alice Watershed Management Plan. The project will likely be permitted under the new 2024 Master Stormwater Permit. We will need to demonstrate a net improvement to water quality, even if the project does not increase imperviousness.
- Stormwater will be addressed prior to reaching the Graham Woods Conservation Area through LID swales with area drains, planted with native plantings.
- The project will demonstrate that the existing outfalls utilized will provide adequate energy dissipation to prevent erosion of soils on the slopes and into the conservation area.
- We will identify any concerns for the full stormwater run to Graham Woods for this project. If there is a problem with a structure or other infrastructure down stream, we will report to Facilities Services.











**Heritage Tree Preservation** 





## **Heritage Tree Preservation**















## **Heritage Tree Preservation**







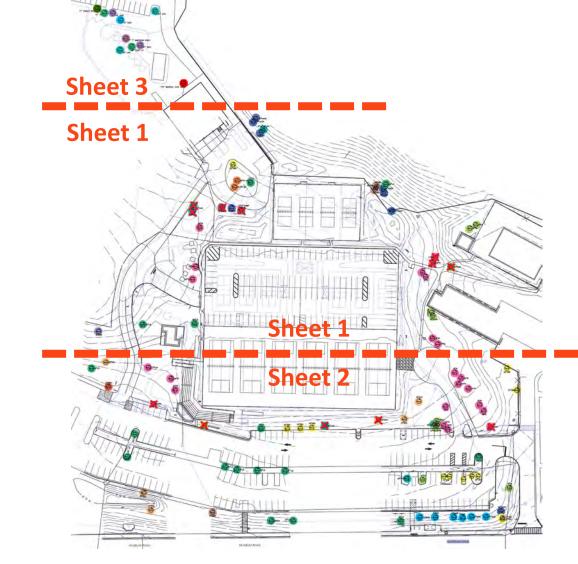


## **Potential Tree Impacts**

#### **LEGEND**

- Cedar
  Loblolly Pine
- Live Oak/Sand LO
- Laurel Oak
- Hickory
- Sycamore
- Shumard
- American Holly
- Pignut Hickory

- Spruce Pine
- Hackberry
  - **Cabbage Palm**
- Ash
- Magnolia
- Camphor
- Elm
- Weeping
  Yaupon Holly





# **Potential Tree Impacts**

#

Tree requiring removal

#

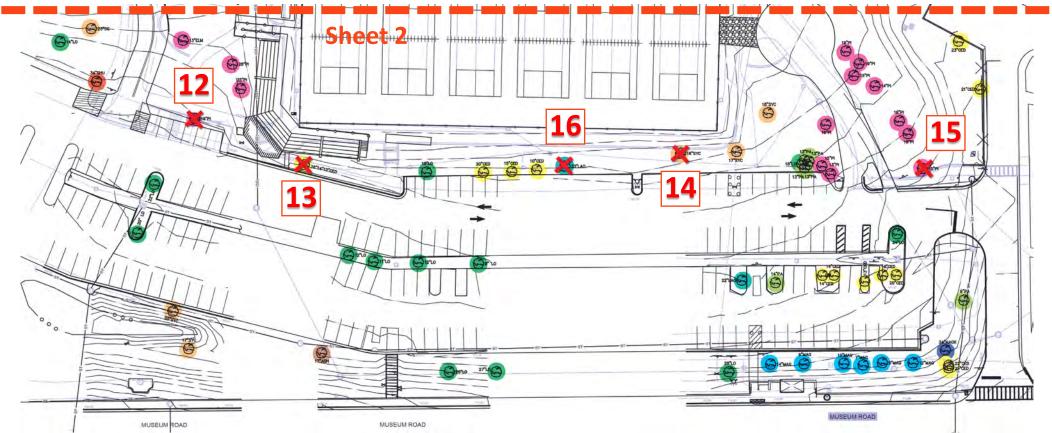
Tree to be potentially impacted

Sheet 1

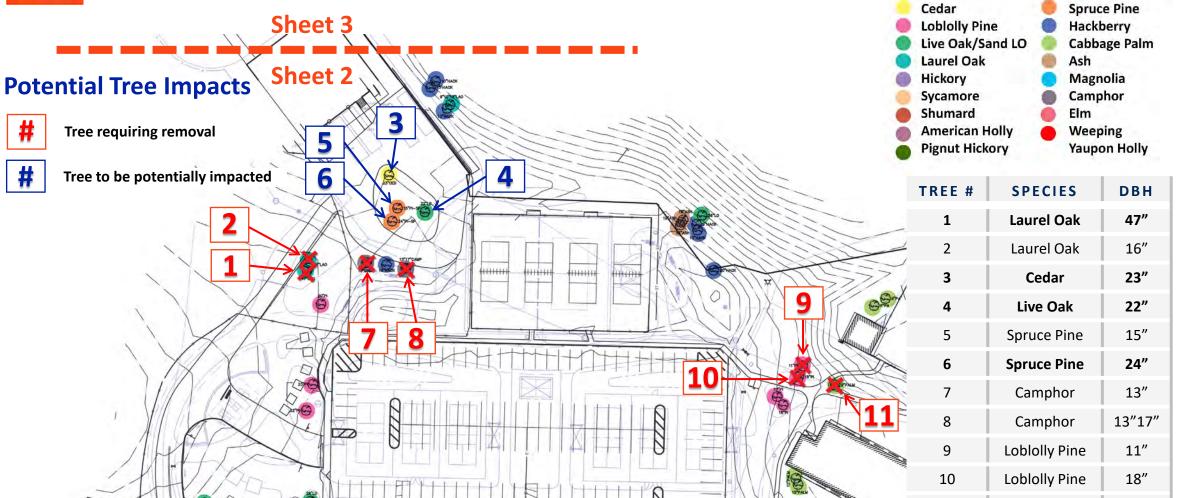
TREE #	SPECIES	DBH
12	Loblolly Pine	19"
13	Cedar	16"14"12"
14	Sycamore	16"
15	Loblolly Pine	15"
16	Laurel	33"

#### LEGEND

State State State				
Cedar	Spruce Pine			
Loblolly Pine	Hackberry			
Live Oak/Sand LO	Cabbage Palm			
Laurel Oak	Ash			
Hickory	Magnolia			
Sycamore	Camphor			
Shumard	Elm			
American Holly	Weeping			
Pignut Hickory	Yaupon Holly			







**LEGEND** 

11

Cabbage Palm

Heritage trees shown in **BOLD** 



**Potential Tree Impacts** 

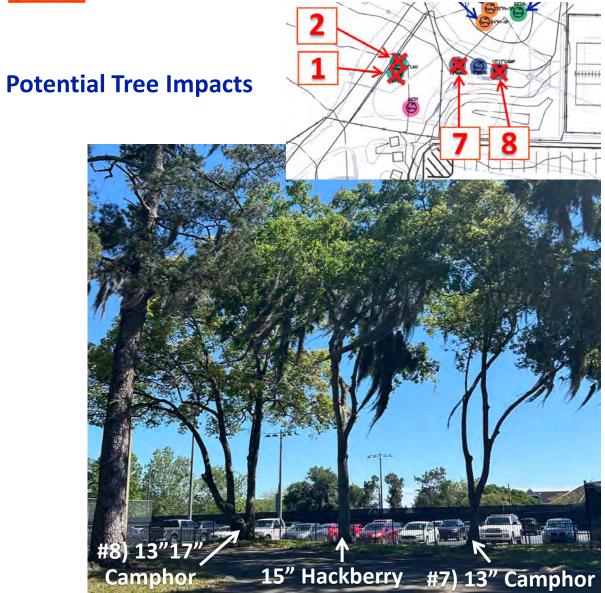






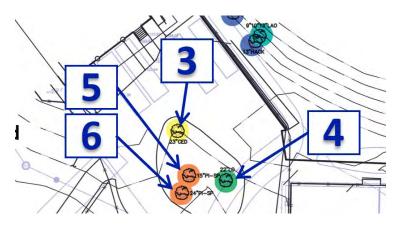
#2) 16" Laurel Oak





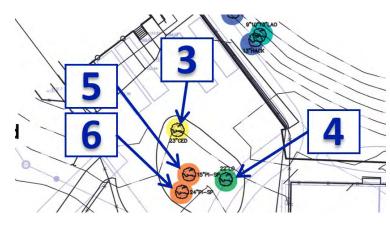








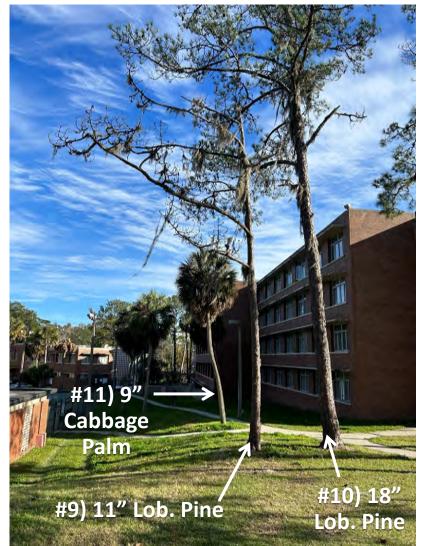














# **Potential Tree Impacts**

#

Tree requiring removal

#

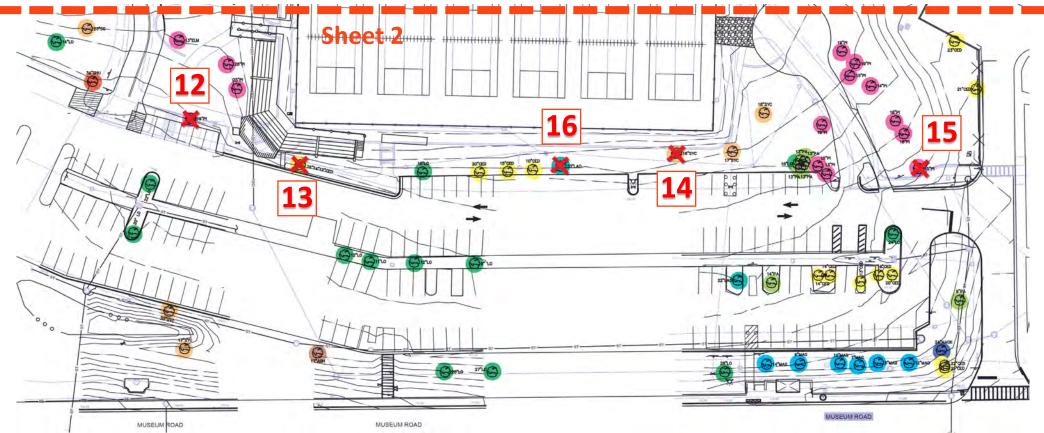
Tree to be potentially impacted

Sheet 1

TREE #	SPECIES	DBH	
12	Loblolly Pine	19"	
13	Cedar	16"14"12"	
14	Sycamore	16"	
15	Loblolly Pine	15"	
16	Laurel	33"	

#### LEGEND

222277727	
Cedar	Spruce Pine
Loblolly Pine	Hackberry
Live Oak/Sand LO	Cabbage Palm
Laurel Oak	Ash
Hickory	Magnolia
Sycamore	Camphor
Shumard	Elm
American Holly	Weeping
Pignut Hickory	Yaupon Holly

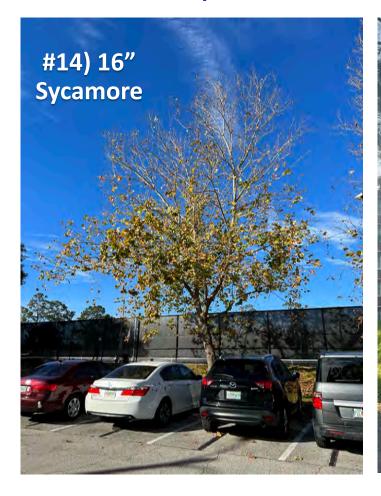




















#### **Potential Tree Impacts**

#

Tree requiring removal



Tree to be potentially impacted

Spruce Pine Hackberry Cabbage Palm

Ash Magnolia Camphor Elm Weeping Yaupon Holly

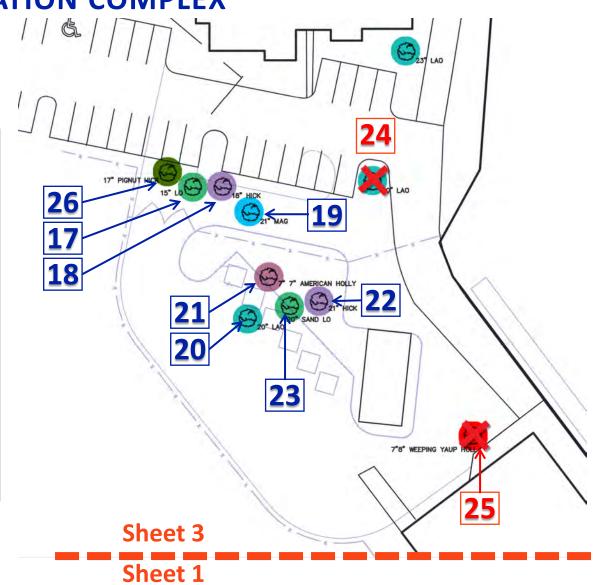
#### LEGEND

	Cedar
	<b>Loblolly Pine</b>
	Live Oak/Sand LO
	Laurel Oak
	Hickory
0	Sycamore
	Shumard
0	American Holly
•	Pignut Hickory

TREE #	SPECIES	DBH
17	Live Oak	15"
18	Hickory	18"
19	Magnolia	21"
20	Laurel Oak	20"
21	American Holly	7"7"
22	Hickory	21"
23	Sand LO	20"
24	Laurel Oak	20"
25	Weeping Yaupon Holly	7"8"
26	Pignut	17"

Heritage trees shown in **BOLD** 

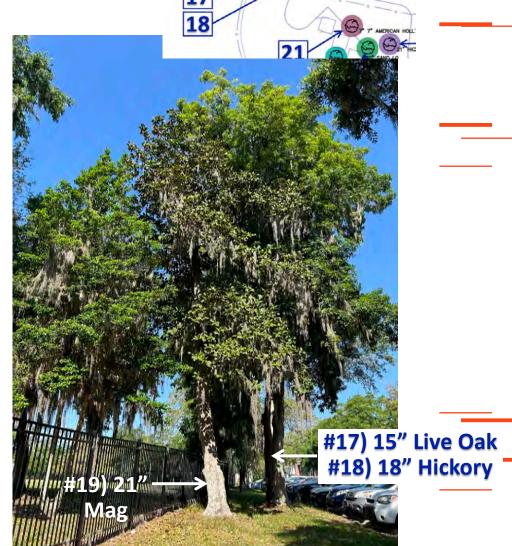
Hickory































# Potential Tree Impact Summary

Tree requiring removal

Tree to be potentially impacted

Heritage trees shown in **BOLD** 

\*Note: Tree is in less than fair condition and may be able to be downgraded in mitigation.

- There are 2
   invasive exotics to
   be removed which
   require no
   mitigation.
- Our goal is to plant back as many trees on site as possible.

TREE #	SPECIES	DBH	MITIGATION
1	Laurel Oak	47"	10.5 TREES*
2	Laurel Oak	16"	2 TREES
3	Cedar	23"	3.5 TREES
4	Live Oak	22"	3 TREES
5	Spruce Pine	15"	2 TREES
6	Spruce Pine	24"	4 TREES
7	Camphor	13"	O TREES
8	Camphor	13"17"	0 TREES
9	Loblolly Pine	11"	2 TREES
10	Loblolly Pine	18"	2 TREES
11	Cabbage Palm	9"	2 TREES
12	Loblolly Pine	19"	2 TREES
13	Cedar	16"14"12"	2 TREES

TREE #	SPECIES	DBH	MITIGATION
14	Sycamore	16"	2 TREES
15	Loblolly Pine	15"	2 TREES
16	Laurel Oak	33"	3.5 TREES
17	Live Oak	15"	2 TREES
18	Hickory	18"	2 TREES
19	Magnolia	21"	2.5 TREES
20	Laurel Oak	20"	2 TREES
21	American Holly	7"7"	2 TREES
22	Hickory	21"	2.5 TREES
23	Sand LO	20"	2 TREES
24	Laurel Oak	20"	2 TREES
25	Weeping Yaupon Holly	7"8"	2 TREES
26	Pignut Hickory	17"	2 TREES



#### **Site Furnishings**

















 The site will have a variety of site furnishings due the project's nature. Some furnishings will be compliant with the UF LSMP, but others will require a variance. These will be coordinated with UF PD&C, EH&S, and **Facilities Services** and will be shown on the next LVL presentation.



#### **Sustainability**

- The project will be pursuing SITES Gold (or better) Certification.
- The site will be implementing LID areas and will be maintaining or reducing the amount of impervious on site.
- We will be using all native plantings adjacent to the conservation area and within LID areas.



#### **SITES Certification Structure**

Project is to achieve no lower than a SITES Gold certification or equivalent. The rating system is divided into 10 sections:

- Site Context
- Pre-Design Assessment + Planning
- Site Design (Water)
- Site Design (Soil + Vegetation)
- Site Design (Materials Selection)
- Site Design (Human Health + Well-Being)
- Construction
- Operations + Maintenance
- Education + Performance Monitoring
- Innovation or Exemplary Performance



A motion to approve the project as presented.

UF-681 FLAVET OUTDOOR RECREATION COMPLEX



**SEAN MOUNTAIN** 



#### **Project Overview**

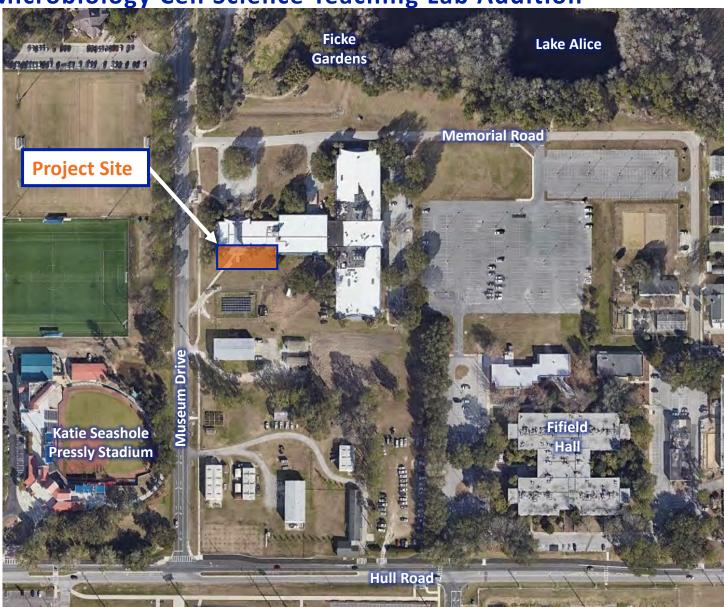
 The existing Microbiology and Cell Science facility (Building 0981) is located at 1355 Museum Drive, Gainesville, FL 32603 on the University's main campus. This project consists of constructing a +/-5,000 sf building addition to the south side of the existing facility for new classrooms and walk in refrigerator equipment.





#### **Site Overview & Conditions**

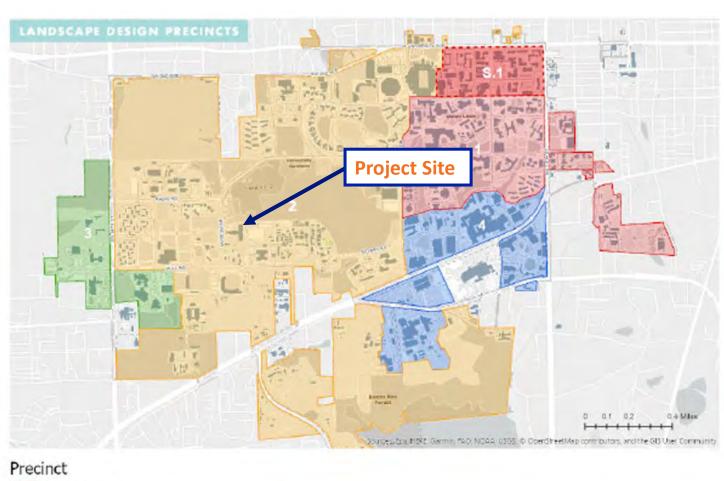
- No new utilities services are required to the proposed addition (i.e., all services to be serviced from the existing building). Relocation of existing utilities (Chilled Water, Potable Water, Fire Services and Sanitary Sewer) may be required.
- The building falls within the UF Master Plan and UF Master Stormwater Permit. It is consistent with the UF Master Plan and will only need to connect to the existing storm infrastructure.





#### **Site Overview & Conditions**

• The project site is located in Precinct 2 of the UF Landscape Master Plan.







#### **Site Overview & Conditions**





#### **Site Overview & Conditions**













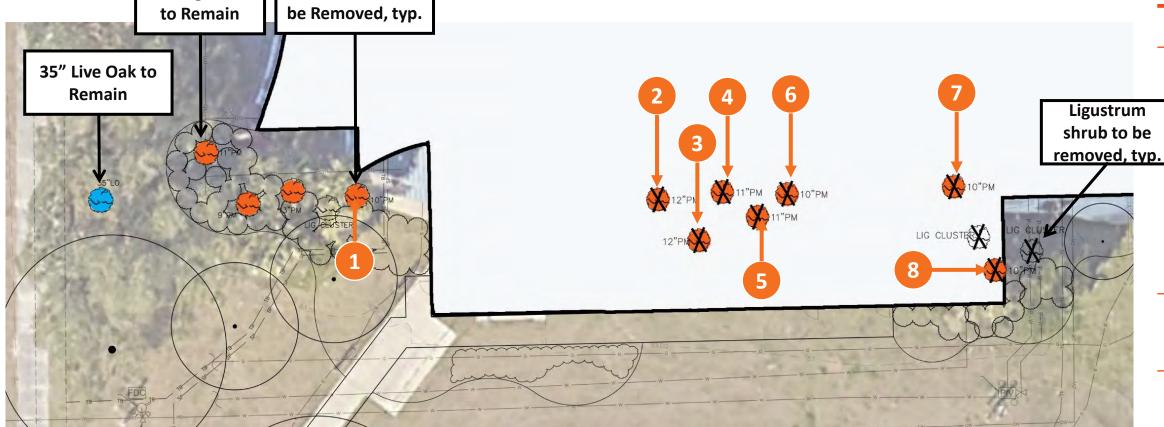


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#### **Tree Impacts**

The project will result in the removal of 8 Cabbage Palms along the southern frontage of the building. **Cabbage Palm to Cabbage Palm** be Removed, typ. to Remain





#### **Tree Impacts**





#### **Tree Impacts**





#### **Tree Impact Summary**

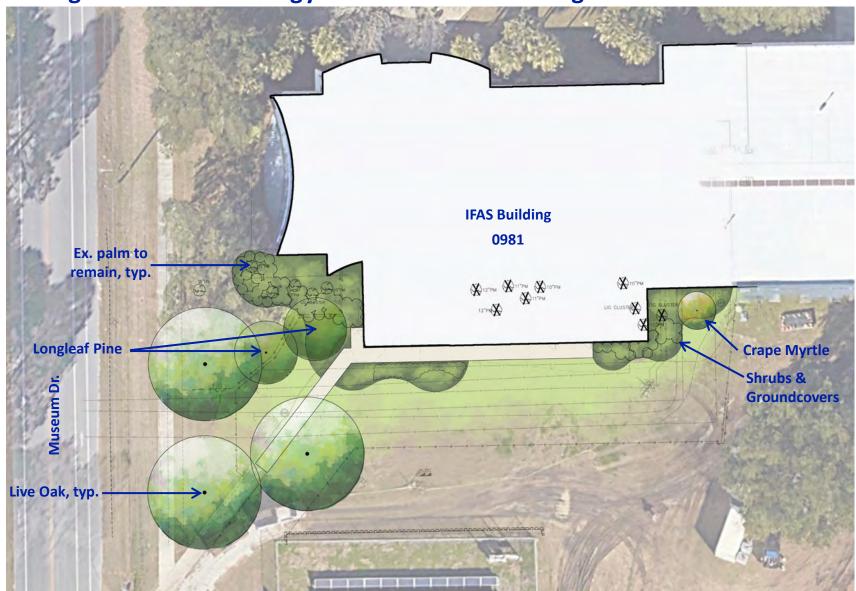
- The project will result in the removal of 8 Cabbage Palms.
- No trees proposed for removal are heritage trees
- Total mitigation required= 16 Trees

TREE #	SPECIES	DBH	CONDITION
#1-8	Cabbage Palm	Varies, between 10"-12"	Good
NUMBER OF TREES REMOVED	8	NUMBER OF TREES PLANTED ON SITE	6
MITIGATION FEE		10 TREES X \$250 PER TREE = \$2,500 FEE	



#### **Landscape Plan**

- The project is located in precinct 2.
- All plants will be per the Landscape Master Plan plant palette.





#### **Landscape Plan**

- The project is located in precinct 2.
- All plants will be per the Landscape Master Plan plant palette.







**Muskogee Crape Myrtle** 



**Longleaf Pine** 



Coontie



**Dune Sunflower** 



**Society Garlic** 



Mrs. Schiller's Viburnum



**Muhly Grass** 



Fakahatchee Grass





**IF24011** Microbiology Cell Science Teaching Lab Addition

May 2, 2024
Facilities Services



# Landscaping and Natural Resource Projects

Maintaining the aesthetics and functions of our natural areas

#### **Tree Plantings**

#### **Ravine Park**

Total trees planted within the past 12 months:

- 71 Ornamental (Taiwan) Cherry trees
- 30 Pine trees (Loblolly and Spruce)
- 2 Chickasaw Plum trees



#### **Tree Plantings**

#### **Union Park**

38 total trees planted during Fall 2023 including the following species:

- Loblolly Pine
- Long Leaf Pine
- Spruce Pine
- Green Ash
- Southern Live Oak
- Eastern Mayhaw
- Walter's Viburnum
- Florida Maple
- Pignut Hickory



#### **Campus Landscape Design Enhancements**

#### **Gale Lemerand and Stadium Road**

- Work to commence after Spring commencement.
- The goal is to be substantially complete by the first home game on August 31<sup>st</sup>.



#### Gale Lemerand Drive + Stadium Road | CONCEPTUAL PLAN





#### **Recent Maintenance Items**

#### Pine Tree Removal in the Surge Area

- Two buildings in the surge area were planned for demolition. When buildings are demoed, it is necessary to secure the utilities to ensure water does not stagnate or other suboptimal conditions occur.
- During the discovery process for utilities removal, it was determined that the pine tree was directly on top of the utilities that needed to be addressed. It was necessary to remove the pine tree to safely proceed with the demolition.
- While working to remove the tree one of the utilities pipes burst. The burst pipe did not contribute to the decision to remove the tree. The removal was required for safety purposes to allow the utilities work to continue.