

The logo for the University of Florida, consisting of the letters 'UF' in white on an orange square background.

UF

Parking Garage XV

UF-682

Programming Phase
Lake, Vegetation and Landscaping Committee Meeting
July 14, 2022, 9:00 AM

Frank Javaheri : DOC

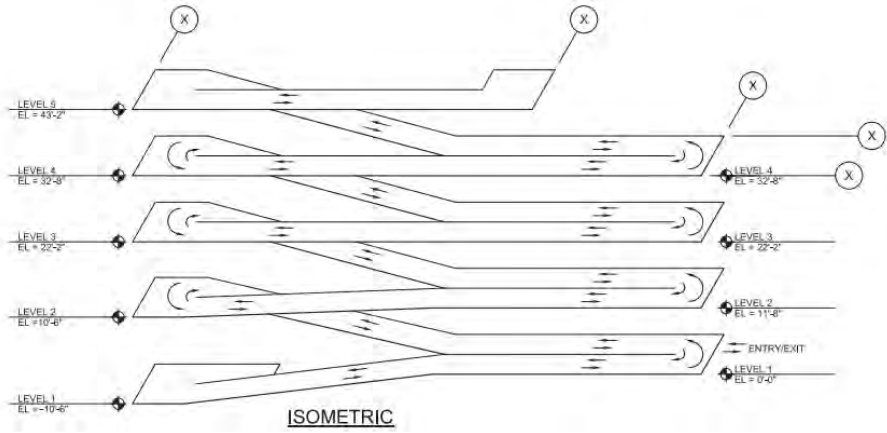
Project Manager: Stuart Cullen

Project Overview

Overview of the project:

- Project Location / Boundaries
- Purpose of the project
- Future Land Use Designation
- Current use of the site
- Adjacencies
- About the Parking Garage

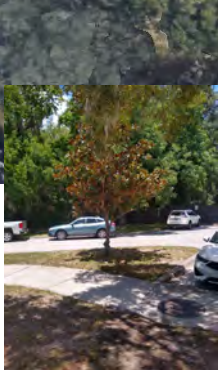




Site Overview, Existing Conditions

An overview of the site's existing conditions





Tree Impacts

Summaries for the trees that are most likely to be affected.

- Pine x 2
- Palm x 4
- Crape Myrtle x 5
- Oak ~ 18" x 1
- Oak ~ 29" x 1
- Oak ~ 31" x 1

Desired Motion:

To approve the program and site as presented.

Questions?



REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

To:	The LVL Committee	For:	July 14, 2022, LVLC meeting.
Via:	Carlos Dougnac, Assistant Vice President, PDC	From:	Frank Javaheri, DOC
Requestor:	Scott Fox, Director	Presenters:	Frank Javaheri and User Group

PHASE:	Committee Responsibilities:	STATUS AND PRIOR COMMENTS:	DATE:
X PROGRAMMING	<i>The committee will review and recommend approval/denial of general site suitability - having evaluated impacts to trees, landscape, natural areas, and lakes.</i>	Requesting motion to approve the Program and Site.	7-14-2022
SCHEMATIC DESIGN	<i>The committee will review and recommend approval/denial of tree removal - plans for transplants, replacements and/or mitigation, based on the building footprint, utility corridors, and other construction activities.</i>		
DESIGN DEVELOPMENT	<i>The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.</i>		

BACKGROUND INFORMATION:

PROJECT:
UF-682, Parking Garage IV

SITE:
Parking Area, South of Beaty Towers. See presentation attached for location map.

STATUS:
Project in Programming and ready for advertisement for a design/build team.

OBJECTIVES:

- Program and Site Approval

PROJECT PHASE AND PRESENTATION NARRATIVE:

Programming: The future land use from the campus master plan for this site is Parking. The site is currently a parking lot and it's adjacent to a conservation area, the housing office and housing. Program contains a 2 bay parking Garage, 8 levels, with approximately 645 total parking space which would primarily used for red decals, with the Honors village creating an immediate need for substantially more red permit parking. Details will be provided at the meeting.

ENCLOSURES:
1. Presentation

The logo consists of the letters 'UF' in a bold, white, sans-serif font, centered within a solid orange square. The background of the slide is a photograph of the University of Florida campus, featuring the prominent red brick tower and the Gothic-style Old College building, all under a blue sky with a white molecular structure overlay.

UF

Biomedical and Life Sciences Research Building

UF-652

**Programming
July 2022**

Cydney McGlothlin, University Architect

Project Overview

Project Scope:

- 150,000 GSF
- 3-6 Stories
- Compliance with Campus Master Plan
- Site will require building demolition – which we are currently coordinating approvals



Site Overview, Existing Conditions & Sustainability

Existing Site:

- A few small trees
- Portable buildings
- Parking
- Stormwater control challenges (Lake Alice at bottom of hill)



Master Plan – BMLS

PREFERRED OPTION (Interim Condition, illustrative footprint):

- Requires constructing part of the new road to provide continued access from Mowry Rd.
- Requires demo of Bldgs. #0118, 2020 and T106
- Requires addressing utility hub on the east end of Aquatic Pathobiology Bldg.

Goals:

- Aquatic Pathobiology to remain
- Create a terminal vista for the entry to the campus
- Loading dock and service planning
- Stormwater plan and implementation



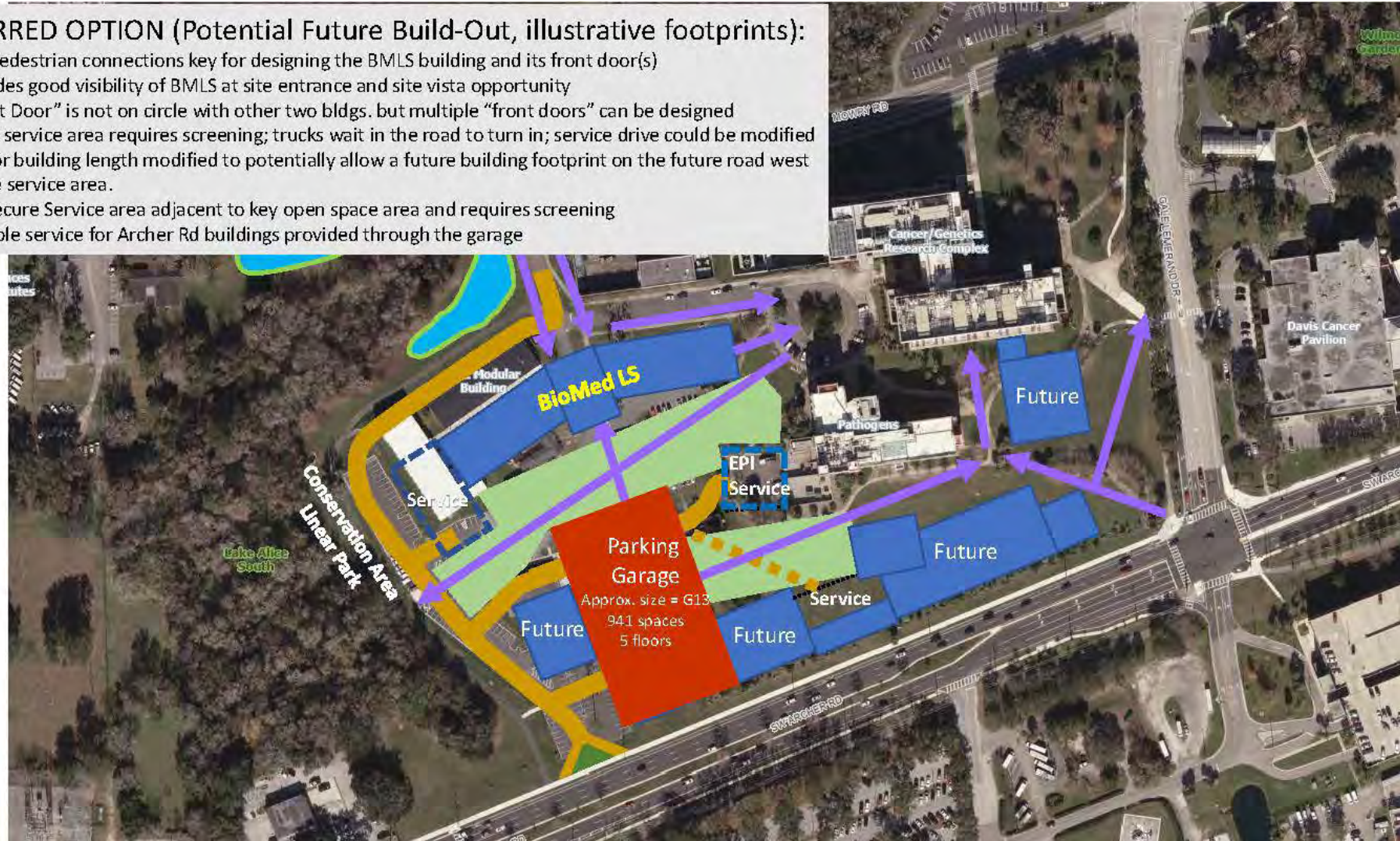
Master Plan – final build-out

PREFERRED OPTION (Potential Future Build-Out, illustrative footprints):

- Site pedestrian connections key for designing the BMLS building and its front door(s)
- Provides good visibility of BMLS at site entrance and site vista opportunity
- “Front Door” is not on circle with other two bldgs. but multiple “front doors” can be designed
- BMLS service area requires screening; trucks wait in the road to turn in; service drive could be modified and/or building length modified to potentially allow a future building footprint on the future road west of the service area.
- EPI Secure Service area adjacent to key open space area and requires screening
- Possible service for Archer Rd buildings provided through the garage

Goals:

- Create a green space to connect buildings
- Connection for right in / right out to Archer Rd.
- Continue stormwater control



Tree Impacts

We have not done a survey yet, but it appears that there are trees that will be impacted.



Requesting a motion to accept as presented

Thank you



The logo for the University of Florida, consisting of the letters 'UF' in white on an orange square background.

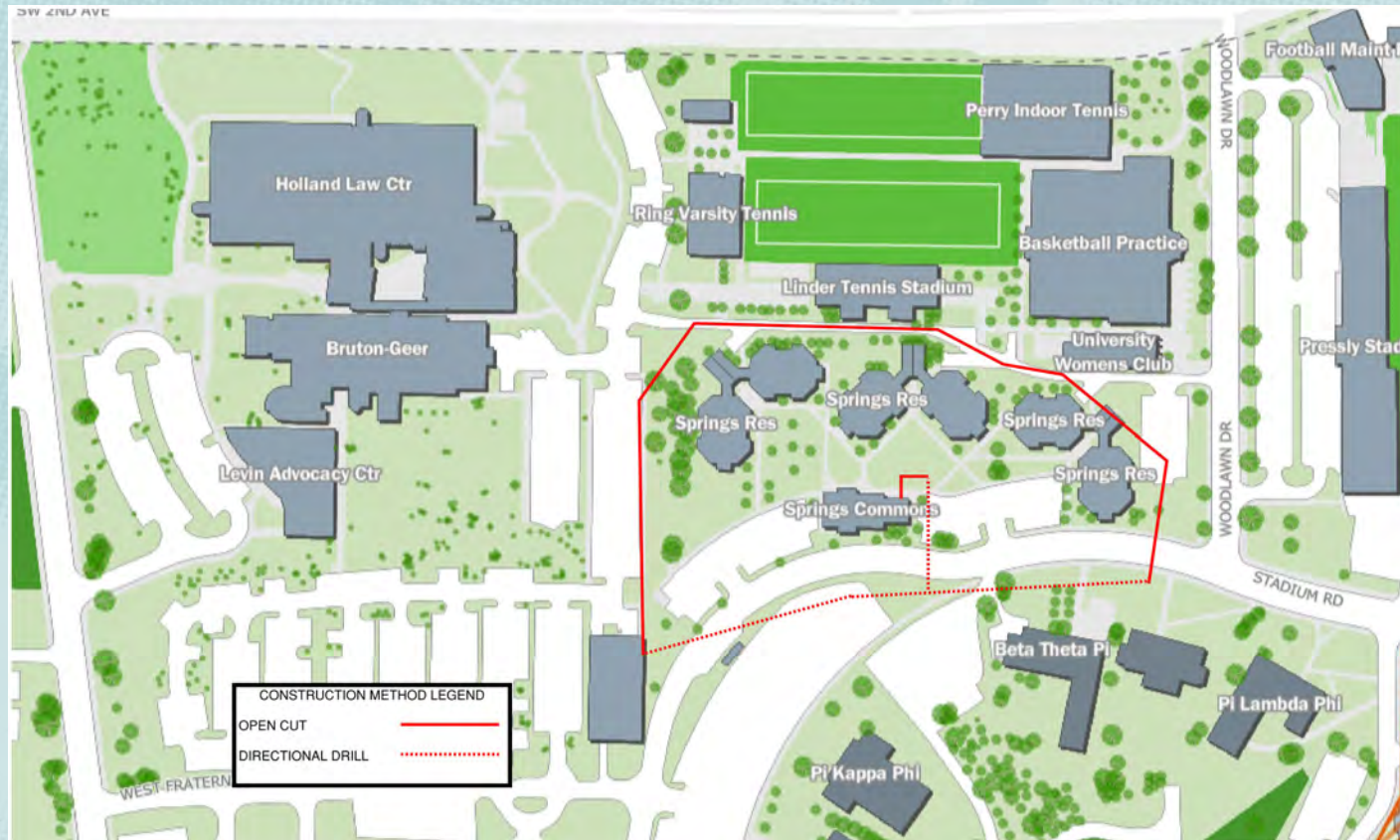
UF

Holland Law Utility Plant Improvements UF-685

07/14/2022

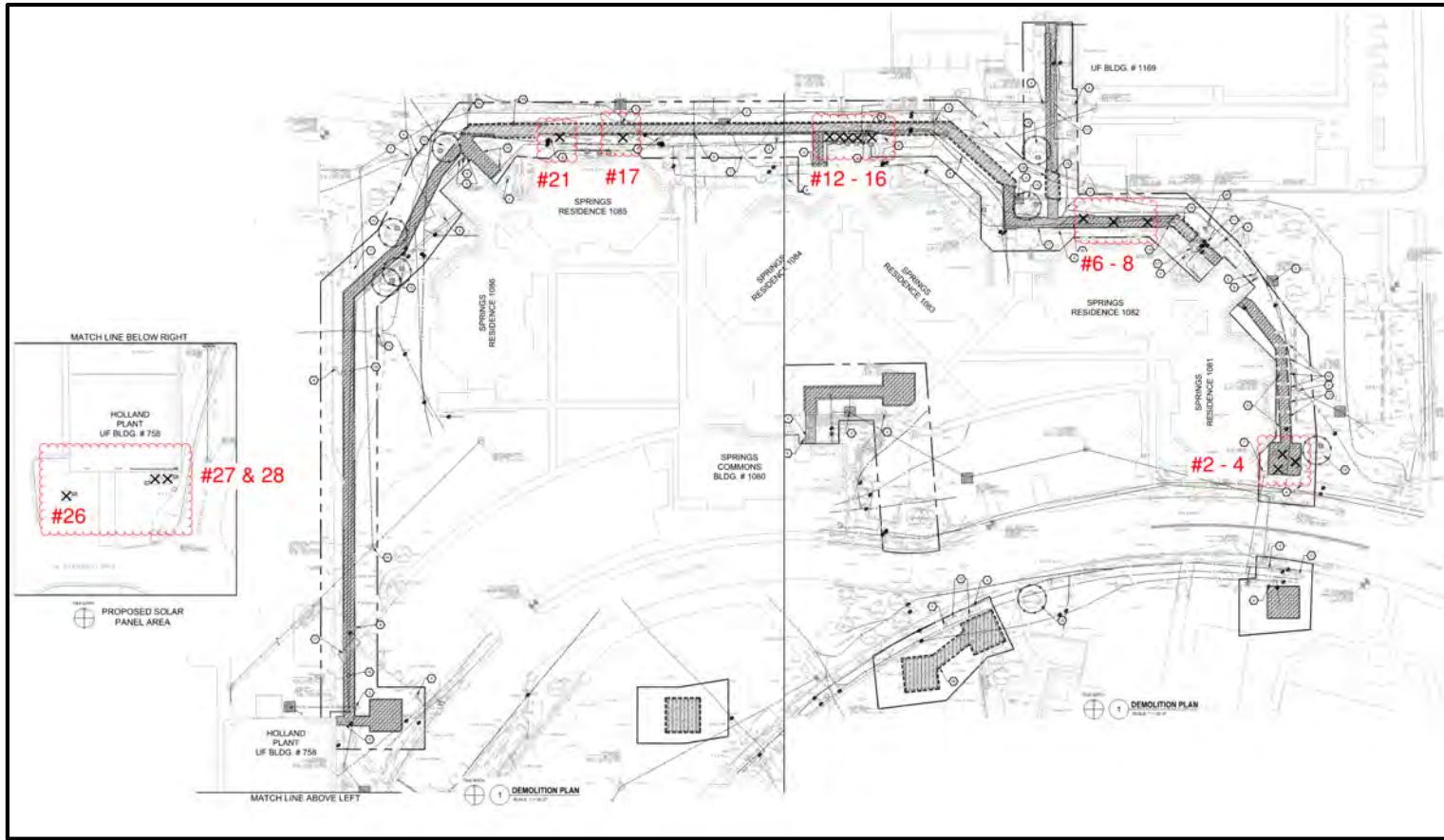


Project Overview



- Steam to Heating Hot Water Conversion and Chilled Water Utility Improvements
 - Replacing aging Chilled Water Equipment
- Constrained schedule to align with Housing requirements
- Technical Design efforts concentrated on minimizing campus impacts, including, but not limited to:
 - Utility service outages
 - Vehicle access
 - Pedestrian access
 - Landscape intrusion

Tree Impact Summary



Total 16 Trees

TREE REMOVAL TABLE				
POINT	QTY.	SPECIES	SIZE	REMOVAL
01	1	LIVE OAK	27"	NO
02	CLUSTER	MYRTLE	3"-6"	Yes
03	1	MYRTLE	4"	Yes
04	CLUSTER	MYRTLE	3"-6"	Yes
05	1	LIVE OAK	14"	NO
06	CLUSTER	MYRTLE	3"-6"	Yes
07	CLUSTER	MYRTLE	6"-7"	Yes
08	CLUSTER	MYRTLE	6"-8"	Yes
09	1	HICKORY	13"	NO
10	1	LIVE OAK	18"	NO
11	1	SHUMARD OAK	9"	NO
12	1	AMERICAN HOLLY	8"	Yes
13	1	AMERICAN HOLLY	7"	Yes
14	1	AMERICAN HOLLY	8"	Yes
15	1	AMERICAN HOLLY	10"	Yes
16	1	AMERICAN HOLLY	9"	Yes
17	1	PALM	12"	Yes
18	1	PALM	9"	NO
19	1	PALM	10"	NO
20	1	PALM	10"	NO
21	1	PALM	9"	Yes
22	1	SHUMARD OAK	11"	NO
23	1	LIVE OAK	17"	NO
24	1	LIVE OAK	9"	NO
25	1	LAUREL OAK	26"	NO
26	1	SMALL LEAF HOLLY	2"	YES
27	1	SMALL LEAF HOLLY	2.5"	YES
28	1	SMALL LEAF HOLLY	2.5"	YES

*Heritage trees are defined by University of Florida as a canopy species measuring 20" or more in diameter (DBH) except for Water Oaks, Laurel Oaks, Loblolly Pines, Sugarberry and Sweetgums that shall be classified as heritage trees at 30" diameter DBH. Understory species are considered heritage at 15" diameter DBH.

Tree Mitigation cost
16 Trees x \$500 = \$8,000

TREE SIZE (DBH)	COST TO RELOCATE EXISTING TREE *	COST TO MITIGATE CANOPY TREES (ratios incorporated)	COST TO MITIGATE Water Oaks, Laurel Oaks, Loblolly Pines, Sugarberry and Sweetgums (ratios incorporated)	COST TO MITIGATE UNDERSTORY TREES (ratios incorporated)**
5-15	\$500	\$500	\$500	\$500
16	\$6,500	\$500	\$500	\$750
17	\$8,000	\$500	\$500	\$750
18	\$9,500	\$500	\$500	\$1,000
19	\$11,000	\$500	\$500	\$1,000

Tree Impact Summary



Trees (Myrtle) #2-4

Tree Impact Summary



Trees (Myrtle) #6-8

Tree Impact Summary



Tree (Palm) #21



Tree (Palm) #17



Trees (American Holly) #12-16

Tree Impact Summary



Tree (Small Leaved Holly) #26



Trees (Small Leaved Holly) #27, 28

- Trees identified to be removed for Solar Panel Array use to pre-heat the distributed hot water and enhance utility operations.

As presented herein, the technical design made a concerted effort to avoid and/or protect as many trees along the utility routing as possible. Of the 28 trees encountered, 16 trees are identified to be removed, of which none are considered heritage trees.

The project team is requesting approval of our design as presented to finalize the technical design documents.

The logo for the University of Florida, consisting of the letters 'UF' in white on an orange square background.

UF

UF Architecture Building Renovation and DCP Collaboratory

UF-653

Schematic Design
July 14, 2022

Tamera Baughman



Project Overview

This project will correct ADA and Florida Building Code areas of non-compliance in the existing Architecture Building.

The site is currently used for pedestrian travel, although it has been closed for periods of time for renovations to repair envelope/roof/water intrusion issues, as well as renovation to the Music Building next door.

This project site was presented in September 2021 at the Programming Phase.

The project:

- Is included in the Ten-Year Capital Projects List
- Is consistent with the Future Land Use designation and definition
- Is consistent with policies that direct the location of specific uses
- Will not reduce the area of conservation for Future Land Use

Project Overview



- Project includes the renovation of the existing Architecture Building and construction of a new DCP Collaboratory Building
- Renovations include bringing existing building into compliance with FL Building Code, ADA, and other architectural finishes/modernization.
- The DCP Collaboratory will be a new 39,975 NET SF facility including functional Creative Collisions Commons space, Research Hub, Digital Modeling/Fabrication Space, Educational Space, and a Multi-Purpose Hall
- The project is pursuing LEED Gold and WELL Certifications

Project Site



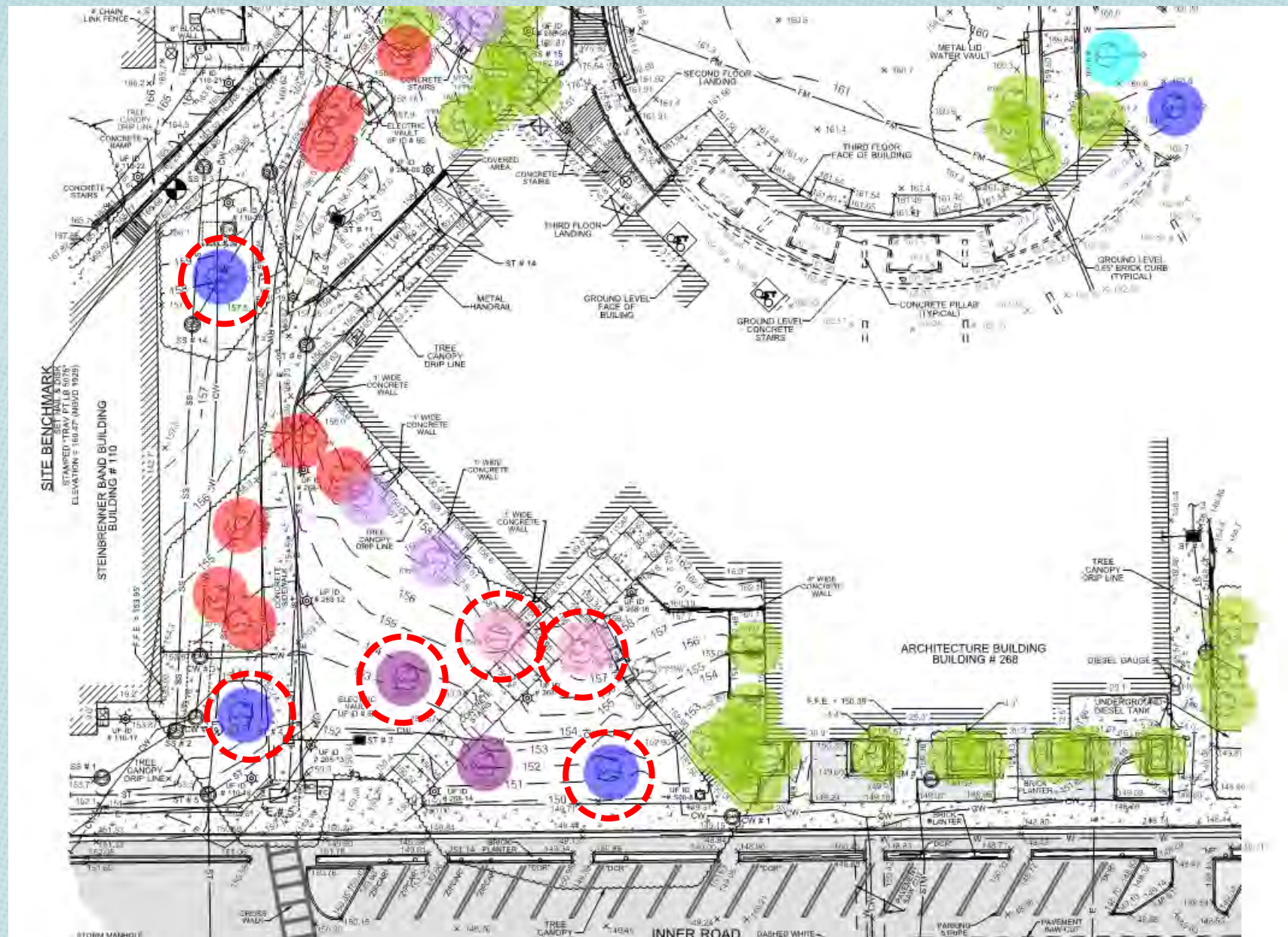
- The project site extends from Stadium Road to the north to Inner Road to the south. It also includes the Architecture Lawn and anticipated improvements to Murphree Way to the west. There is also the potential of improvements regarding accessibility from Inner Road between the administration and studio/classroom wing of existing Architecture Building.
- Gator Pond is not included in the project boundary and no work is anticipated to impact Gator Pond.
- There are multiple trees onsite and significant grade change from north to south.

Existing Conditions



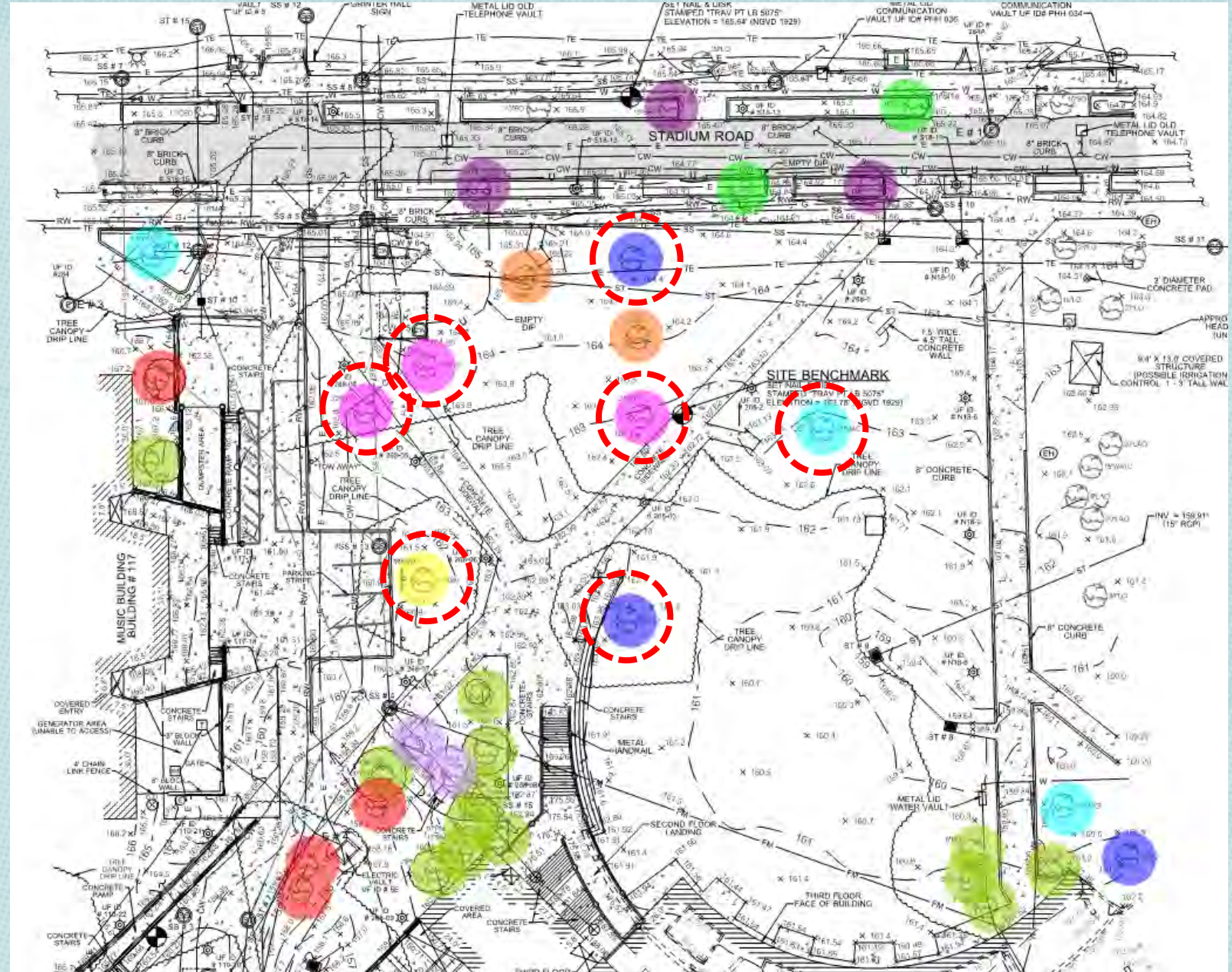
Site Survey

-  BLUFF OAK
-  MULBERRY
-  PALM (PINDO, SABAL)
-  PINE
-  LIVE OAK
-  SYCAMORE
-  MAGNOLIA
-  ASH
-  SHUMARD OAK
-  HOLLY
-  SPRUCE PINE
-  HERITAGE TREE



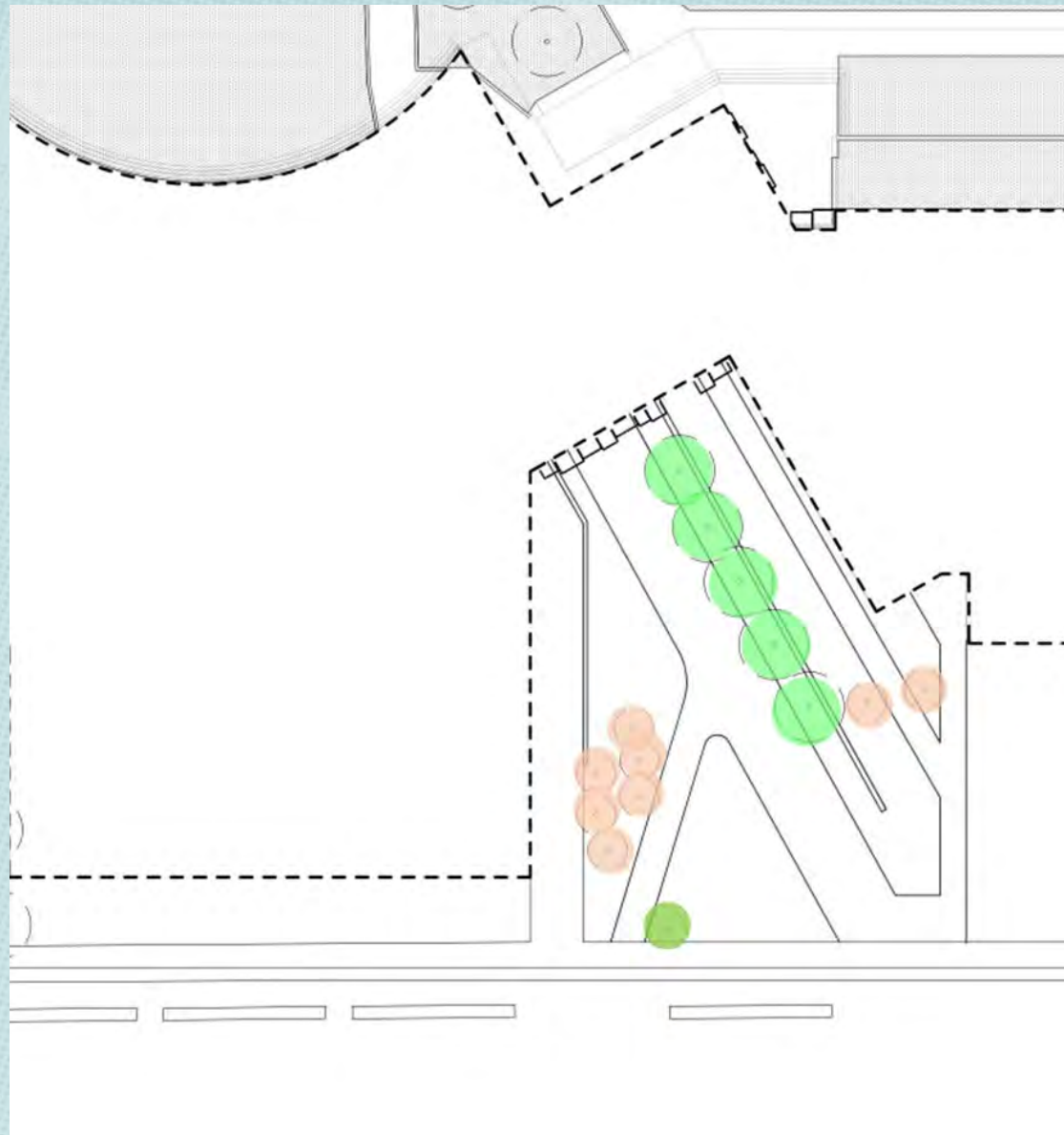
Site Survey

-  BLUFF OAK
-  MULBERRY
-  PALM (PINDO, SABAL)
-  PINE
-  LIVE OAK
-  SYCAMORE
-  MAGNOLIA
-  ASH
-  SHUMARD OAK
-  HOLLY
-  SPRUCE PINE
-  HERITAGE TREE



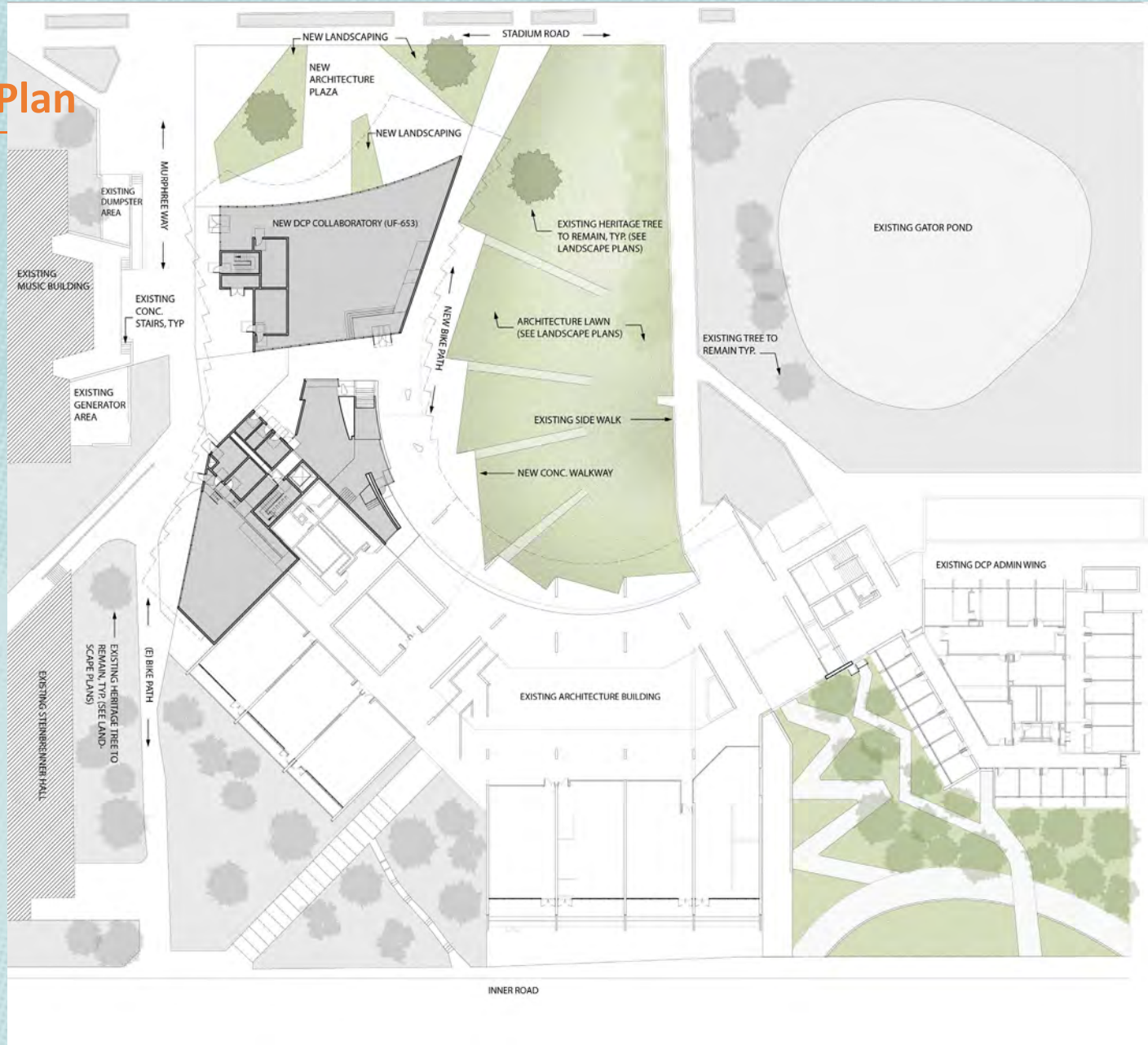
Site Survey

- AMERICAN ELM
- DATE PALM
- PALM (PINDO, SABAL)





Site Plan



DCP COLLABORATORY - 3D VIEW 03
SCALE: 1/15



DCP COLLABORATORY - 3D VIEW 02
SCALE: 1/15



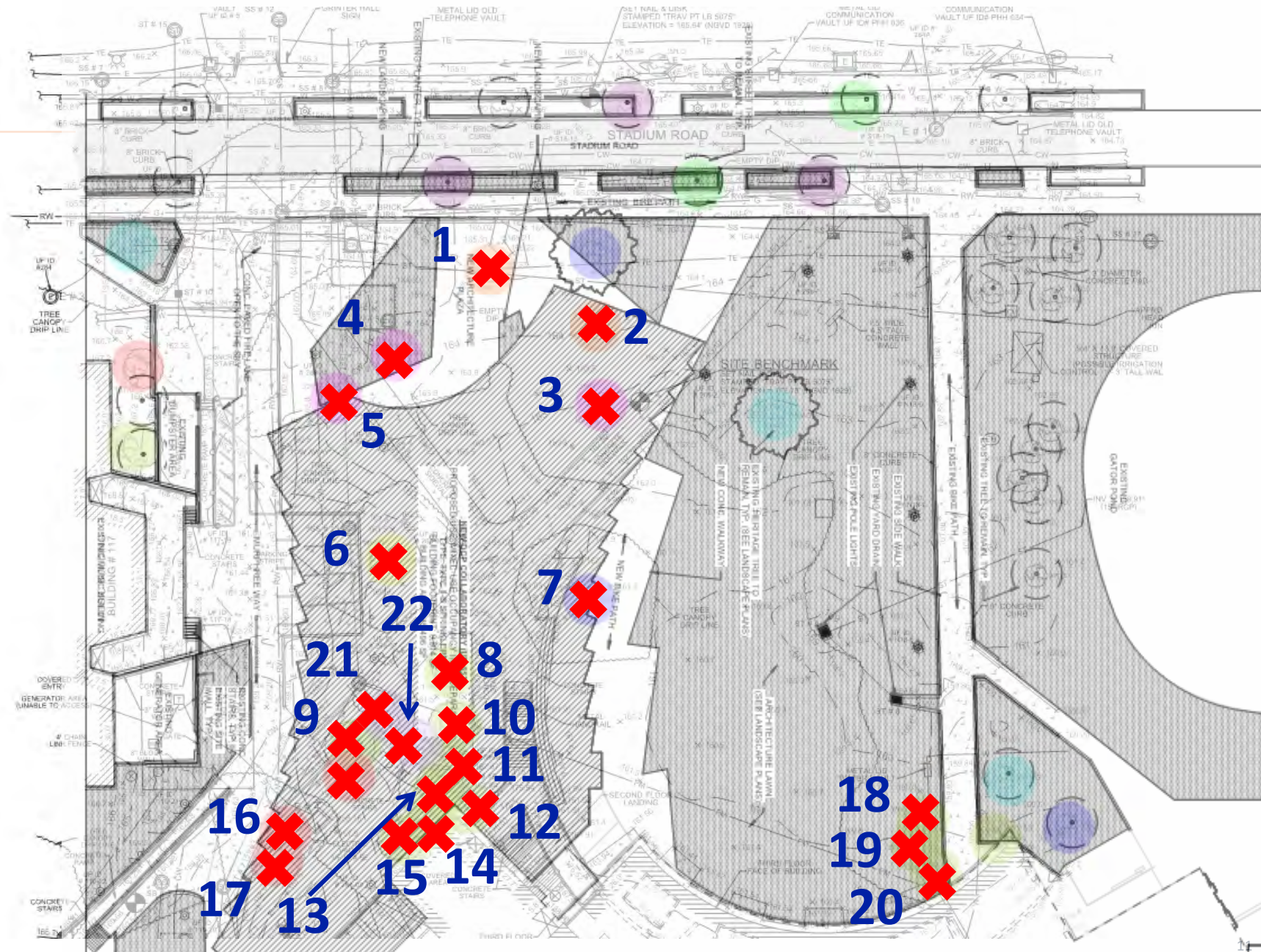
DCP COLLABORATORY - 3D VIEW 01
SCALE: 1/15

Landscape Master Plan

- Priority Projects:
 - Inner Road outside of the limits of the project site to the south
- Campus Areas for Enhancement:
 - Arts Axis – Runs along Inner Road to the south of the project boundary
 - Grinter Hall Walkway – Extends along Murphree Way to the west of project boundary; Murphree Way will be a major N/S utility corridor with service/loading functions needing to remain; project will look for opportunities to enhance the walk and screen utilities/service areas
- Street Frontages:
 - Inner Road to the south, Stadium Road to the north
- Building Setbacks:
 - Inner Road: 30' Standard, No change to building setback proposed
 - Stadium Road: 30' Standard, DCP Collaboratory will meet setback and preserve existing heritage trees (~36' proposed)
- Service Areas:
 - Proposed Service areas will be along Murphree Way

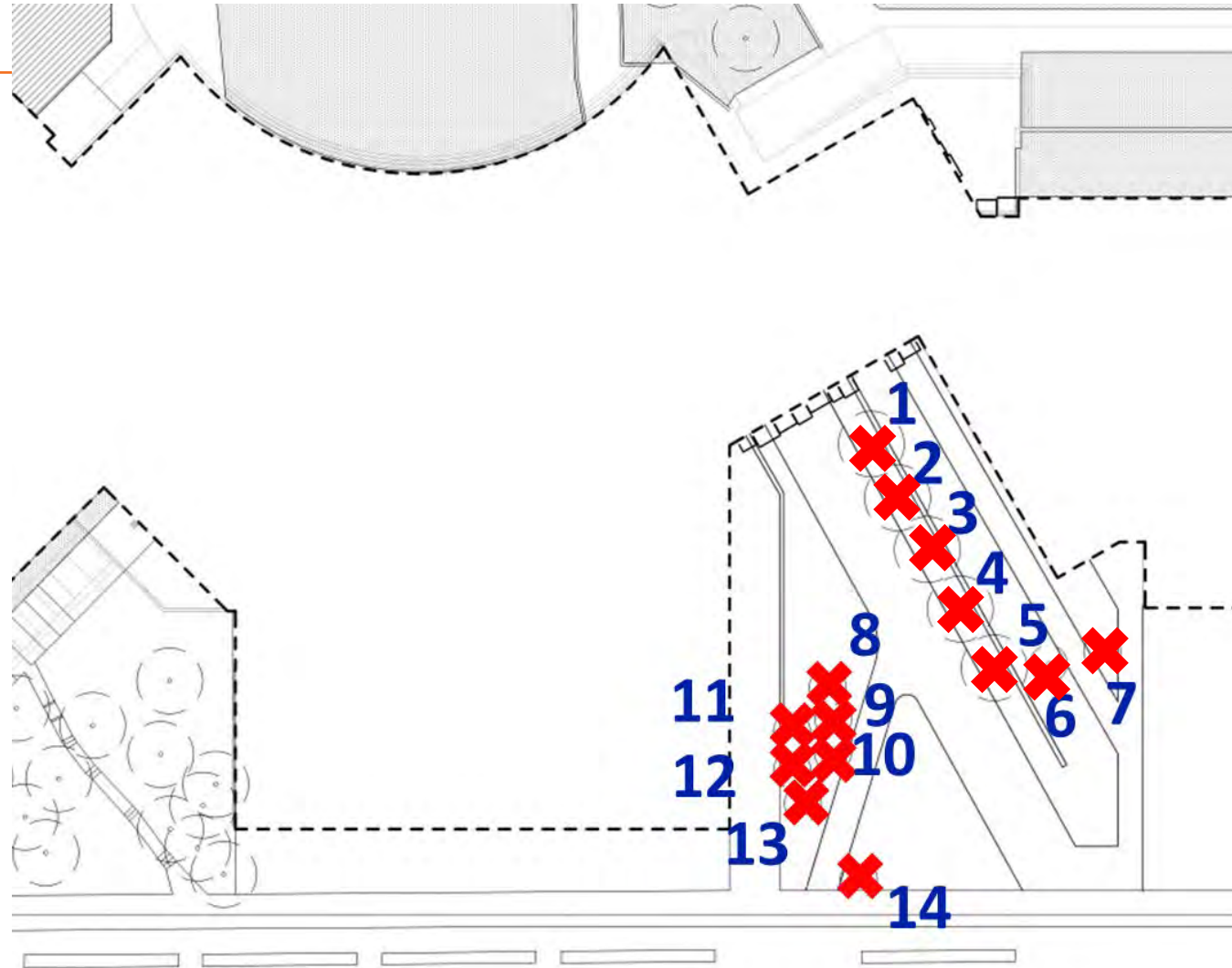
Tree Impact Summary

#	Size/Species	Required Mitigation Trees
1	13" Mulberry	2
2	12" Mulberry	2
3	21" Sycamore	4
4	21" Sycamore	4
5	22" Sycamore	4
6	22" Ash	4
7	22" Live Oak	4
8	11" Sabal Palm (dead)	0
9	20" Sabal Palm (booted)	2
10	18" Pindo Palm	2
11	8" Sabal Palm	2
12	11" Sabal Palm	2
13	10" Sabal Palm	2
14	12" Sabal Palm	2
15	7" Sabal Palm	2
16	17" Pine	2
17	13" Pine	2
18	8" Sabal Palm	2
19	8" Sabal Palm	2
20	11" Sabal Palm	2
21	5" Yaupon Holly	2
22	8" East Palatka Holly	2



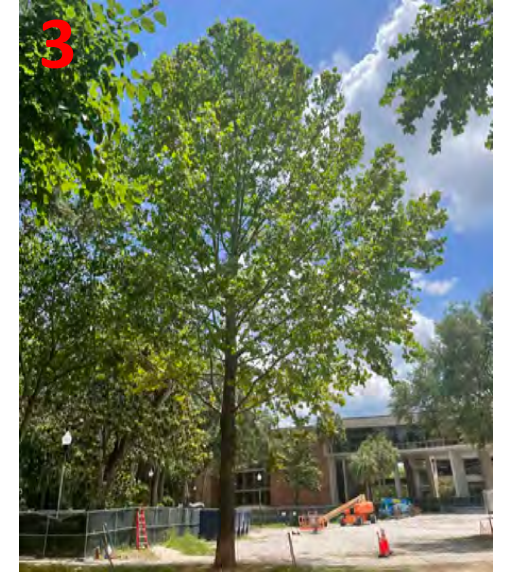
Tree Impact Summary

#	Size/Species	Required Mitigation Trees
1	American Elm	2
2	American Elm	2
3	American Elm	2
4	American Elm	2
5	American Elm	2
6	Sabal Palm	2
7	Sabal Palm	2
8	Sabal Palm	2
9	Sabal Palm	2
10	Sabal Palm	2
11	Sabal Palm	2
12	Sabal Palm	2
13	Sabal Palm	2
14	Date Palm	2



Tree Impact Summary

#	Size/Species	Required Mitigation Trees
1	13" Mulberry	2
2	12" Mulberry	2
3	21" Sycamore*	4
4	21" Sycamore*	4
5	22" Sycamore*	4
6	22" Ash	4
7	22" Live Oak*	4
8	11" Sabal Palm (dead)	0
9	20" Sabal Palm (booted)	2
10	18" Pindo Palm	2
11	8" Sabal Palm	2
12	11" Sabal Palm	2
13	10" Sabal Palm	2
14	12" Sabal Palm	2
15	7" Sabal Palm	2
16	17" Pine	2
17	13" Pine	2
18	8" Sabal Palm	2
19	8" Sabal Palm	2
20	11" Sabal Palm	2
21	5" Yaupon Holly	2
22	8" East Palatka Holly	2



* We are currently evaluating the possibility of relocating the 22" Live Oak and/or one of the heritage sized sycamores on site, budget permitting

Sustainability and Site Impact Analysis

- Project pursuing LEED Gold + WELL Certification
- We are currently evaluating the possibility of relocating 1-2 of the heritage trees proposed for removal, budget permitting; we will also evaluate the possibility of relocating some of the palms proposed for removal
- Project proposes LID/Rain Garden for Architecture Lawn

Draft desired motion to be made by the committee:

“A motion to approve the requested trees for removal with the project replanting trees onsite and mitigating as required”