Campus Master Plan Checklist

TO: ULUFPC, LVLC, PHBSC, P&TC DATE: Dec. 12, 2020 PROJECT: UF-373 / FLMNH - Special Collections Building
Prepared by: Erik Lewis (Program), James Vignola (SD, DD) FROM: Jim Vignola, UF Project Manager

This form is to be completed for the applicable phase at the time that the project is reviewed by committees. Do not mark shaded cells in the columns because they do not apply to the review at the specified phase. Checklists should be cumulative so that projects presented at Design Development have all phase columns completed. Design-build projects may omit the Schematic Design phase column. These checklist criteria apply to development on the main campus and, as applicable, on Satellite Properties in Alachua County.

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD: SCHEMATIC DESIGN ☐ Concept ☒ Advanced			COMBINE FOR DESIGN-BUILD: DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
UNIVERSITY LAND USE AND FACILITIES PLANNING COMMITTEE (ULUFPC)									
1) The project appears in the Capital Improvements Element, Table 13-1 (Ten-Year Capital Projects List) and Figure 13-1 (Future Building Sites) ☒ As presented in the adopted Campus Master Plan ☐ With edits to Table 13-1 to modify the project GSF or description ☐ With edits to Figure 13-1 to modify or assign the project site	X			X			-	-	-
a) If "no" or with edits: The addition or modification of the project in the CMP can be accomplished as a Minor Amendment (per UF Operating Memorandum) and without changing the Campus Development Agreement			X			X	-	-	-
2) The project is consistent with the Future Land Use designation and definition *(Figure 2-1, Future Land Use and Policies 1.1.2 and 1.1.8)*	X			X			-	-	-
a) If "no", the necessary modification to Figure 2-1 (Future Land Use) can be accomplished as a Minor Amendment (per UF Operating Memorandum) and without changing the Campus Development Agreement			X			X	-	-	-
3) The project location is consistent with policies that direct the location of specific uses (i.e. academic facilities, support/clinical facilities, housing, recreation/open space & parking) *(Academic Facilities, Policy 1.2.3; Support/Clinical, Policies 1.1.3, 1.1.4 and 1.1.6; Housing, Policy 1.3.1; Recreation/Open Space, Policies 1.3.1 and 1.3.3; Transportation Policy 2.5.4 and 2.5.6)*	X			X			-	-	-
4) ☒ The project is not a temporary building; OR ☐ The temporary building is located in the Surge Area, Energy Park, Physical Plant Division complex, Academic/Research-Outdoor Future Land Use, or the temporary building supports construction activity *(Capital Improvements, Policy 1.1.15)*	X			-	-	-	-	-	-
5) The project considers life-cycle costing, pursues principles of sustainable design and/or seeks LEED certification *(Capital Improvements, Policy 1.1.14)*	X			X			X		
6) The building footprint, orientation and setback comply with Policy 1.3.1, Urban Design Element because the project is located with road frontage along Stadium Rd (Gale Lemerand Dr to Buckman Dr), University Ave (Gale Lemerand Dr to SW 13th St), SW 13th St, Center Drive, Museum Rd (west of Center Dr. to SW 13th St), Archer Rd/SW 16th Ave, or Radio Rd; or within new centers of development (i.e. near Orthopaedics & Sports Med, Cultural Plaza, Southwest Recreation, and near Fifield Hall)			X			X			X

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	YES	NO	NA	YES	NO	NA	YES	NO	NA
7) The project is a minimum of 3-stories; OR the project demonstrates unique programmatic, functional or code requirements that dictate a variance from the 3-story minimum; OR the project meets alternate building height and design characteristic requirements based on its location in unique areas of campus for which more specific building design requirements apply (i.e. near Orthopaedic & Sports Med, SW Research Circle/Cancer-Genetics area, Fifield Hall area, Cultural Plaza, Radio Road Commuter Lot area, Archer Road Corridor/Planning Sector "G", Historic Impact Area, PKY Developmental Research School and Eastside Campus) *(Urban Design, Policy 1.3.4 through 1.3.10)*; OR the project meets guidance for building height and design of housing facilities *(Housing, Policy 1.3.2)*	X			X			X		
8) The project provides community design integration along campus perimeters as described in Policies 1.2.1 and 1.4.3, Urban Design Element, with respect to landscaping, hardscaping, views, signage, and bicycle/pedestrian accommodation as applicable because the project is located along Gateway Roads identified in Figure 1-6, Urban Design Element (i.e. University Ave, SW 2nd Ave, SW 13th St, Archer Rd, and SW 34th St)	-	-	-			X			X
9) ☐ The project includes exterior public art; - *Note: LVLC and PHBSC (if applicable) approval recommendation required* OR ☒ The project demonstrates that exterior installation of public art is infeasible or undesirable *(Urban Design, Policies 1.6.2, 1.6.3 and 1.6.4)*	-	-	-			X			X
10) Utilities and associated support structures are installed underground or are appropriately screened from view by decorative architectural walls or landscaping *(Electric Power and Other Fuels Sub-Element, Policy 2.1.7 and 2.1.8)*	-	-	-	X			X		
PRESERVATION OF HISTORIC BUILDINGS AND SITES COMMITTEE (PHBSC) – Note: see also #9 above									
11) The project meets the requirements of the University's Memorandum of Agreement with the State Division of Historical Resources because ☒ The site is located adjacent to an Archaeological Site or within an Archaeological Sensitivity Zone *(Urban Design, Policy 1.7.1)*: AND/OR ☐ The project is new construction or a building addition located within the Historic District or Historic Impact Area depicted on Figure 1-2, Urban Design Element; AND/OR ☐ The project includes renovation, rehabilitation or restoration of an existing structure that meets the definition of "historic property" described in Policy 1.5.4 of the Facilities Maintenance Element	X			X			X		No Cultural Resources Identified. No Impact. Allowed Construction
a) If "yes" for new construction or building additions, the project design is sensitive to the orientation and character defining features of existing structures in the Historic Impact Area *(Urban Design, Policy 1.7.2)*; with a building height between 2 and 5 stories not to exceed the height of existing historically significant buildings in close proximity *(Urban Design, Policy 1.3.7)*			X						X

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	YES	NO	NA	YES	NO	NA	YES	NO	NA
LAKES, VEGETATION AND LANDSCAPING COMMITTEE (LVLC) – Note: see also #8 above									
12) ☒ The project does not reduce the size of an area in the Conservation Future Land Use (Figure 2-1, Future Land Use); OR ☐ The project mitigates the Conservation Future Land Use change per Conservation, Policy 1.4.11	X			X			X		
13) ☒ The project (or any associated utilities or infrastructure) is not adjacent to or within a Conservation Future Land Use; OR ☐ The project siting, orientation and landscaping minimize visual impact on the Conservation Area, preserve native vegetation and allow a graduated transition from developed areas to Conservation Areas *(Conservation Element, 1.1.4)*		X			X			X	
14) The project minimizes impacts and conforms to the intent of the Conservation Area because the project is for new utilities or infrastructure (including exterior lighting and stormwater facilities) within a Conservation Future Land Use *(Conservation, Policies 1.4.8, 1.4.9 and 1.4.10) – Note: LVLC approval recommendation required*	X			X					X
15) ☒ The project is not within 50-feet of a wetland; OR ☐ The project within 50-feet of a wetland minimizes impacts to wetlands and the required wetland buffers; and provides a minimum 35-foot setback and average 50-foot setback; and uses only native plants in a naturalistic landscape design within wetland buffers *(Conservation, Policies 1.2.1, 1.2.2, 1.2.3, 1.2.4, and 1.2.5)*	X			X			X		
16) ☒ The project is not within the 100-year floodplain; OR ☐ The project within the 100-year floodplain addresses building elevation, compensating storage and off-site mitigation *(Conservation, Policy 1.2.6)*	X			X			X		
17) ☒ The project does not disturb any plants or animals identified as threatened and endangered species or species of special concern by federal and state agencies; OR ☐ The project inventories such species and develops protection or relocation plans in coordination with appropriate local, state and federal agencies *(Conservation, Policies 1.3.2 and 1.3.3)*	X			X			X		
18) ☐ The project site does not impact an Open Space Connection identified in Figure 1-4, Urban Design Element ; OR ☒ The project maintains, enhances or satisfactorily realigns the open space connection *(Urban Design, Policies 1.2.4 and 1.3.2; and Transportation, Policy 2.2.5)*	X			X			X		
19) ☒ The project site is not within or adjacent to an Open Space Enhancement Priority area identified in Figure 1-5, Urban Design Element; OR ☐ The project provides appropriate landscaping, hardscaping, and bicycle/pedestrian open space enhancement for the related Open Space Enhancement Priority area *(Urban Design, Policy 1.4.2)*	X			X			X		

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	YES	NO	NA	YES	NO	NA	YES	NO	NA
20) The project integrates with existing topography and natural features *(Urban Design, Policy 1.3.11)*	X			X			X		
21) The project identifies any potential adverse affects, accommodates any increase in volume of runoff over the pre-development volume for a 72-hour period from the 100-year storm event, and provides a courtesy review to the City of Gainesville because the project is within the Hogtown Creek drainage basin *(General Infrastructure Stormwater Sub-Element, Policy 1.3.5)*	X			X					X
22) The project use trees, plant materials, exterior furniture, paving materials and walls to reinforce spatial organization and create "outdoor rooms" in functional open space adjacent to buildings, within the Urban Park Future Land Use, and along roadways, pedestrian connections and shared-use paths depicted in Figure 1-4 *(Urban Design, Policies 1.3.3 and 1.4.1)*	-	-	-	X			X		
23) Stormwater retention facilities associated with the project (if any) are designed to be natural and curvilinear in outline with variable side slopes, smooth transitions to existing grade and planted with native vegetation *(General Infrastructure Stormwater Sub-Element, Policies 1.2.4 and 1.2.5)*	-	-	-	X			X		
24) The project incorporates Best Management Practices and Low Impact Development design to address stormwater quality and quantity including pollutants, erosion and sedimentation *(General Infrastructure Stormwater Sub-Element Policies 1.3.2, 1.3.3, 1.3.4 and 1.4.1)*	-	-	-	X			X		
25) The project satisfies UF Design & Construction Standards for tree protection, removal, relocation and mitigation *(Urban Design, Policies 1.4.9, 1.4.10 and 1.4.12) – Note: LVLC approval recommendation required*	-	-	-	X			X		
26) The project satisfies UF Design & Construction Standards for landscaping in parking lots and around buildings, and installation is concurrent with the appropriate building construction phase *(Urban Design, Policies 1.4.13, 1.4.14 and 1.4.15) – Note: LVLC approval recommendation required*	-	-	-	X			X		
PARKING AND TRANSPORTATION COMMITTEE (P&TC) – Note: see also #18 and #19 above									
27) The project provides a traffic engineering study with a courtesy review by UF's host local governments because the project includes a parking structure or surface with at least 300 parking spaces located in Alachua County *(Transportation, Policy 1.2.2 and 1.2.3)*			X			X			X
28) ☒ The project does not result in any significant loss of existing parking; OR ☐ The loss of significant existing parking is mitigated - Note: Parking loss mitigation to be negotiated in consultation with the P&TC *(Transportation, Policy 2.6.5)*	X			X			X		
29) The project satisfies UF Design & Construction Standards for bicycle parking including quantity, location and lighting with covering as feasible *(Transportation, Policy 2.2.6)*	-	-	-	X			X		
30) ☐ The project provides hot water showers and lockers for use by bicycle commuters; OR ☒ The project demonstrates that hot water showers and lockers are infeasible *(Transportation, Policy 2.2.13)*	-	-	-		X		X		
31) The project provides adequate parking to meet the needs of disabled persons, service and delivery vehicles necessitated by the building construction project *(Transportation, Policy 2.6.5)*	-	-	-	X			X		

Campus Master Plan Checklist

REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

TO:	The LVL Committee	FOR:	11/12/2020 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	Jim Vignola, PDC, Project Manager
REQUESTOR:	FLMNH	PRESENTERS:	Jim Vignola, PDC PM and User Group

PHASE:		Committee Responsibilities:	STATUS AND PRIOR COMMENTS:	DATE:
X	PROGRAMMING	*The committee will review and recommend approval/denial of general site suitability - having evaluated impacts to trees, landscape, natural areas, and lakes.*	Joey Mandese introduced himself and stated the location of the new building will be behind the existing Florida Museum of Natural History, south of Powell Hall. His is presenting today during the programming phase and asking for site selection approval. He discussed the history and background of the project. There are specimens stored in various places around campus. Many are located in unsecured storage areas. These areas are not equipped to house these items. The goal is to provide a single, up to date, and controlled collection facility that is easily accessible to Powell Hall. *Email text from Emma Weeks: "On behalf of NATL I checked the trees in the site and we agree that they are not longleaf pines but loblolly/slash. Some trees in the section to the west of the parking spots are longleaf but we are assuming based on the maps that these are not being touched (despite them being marked with orange paint)? We recommend that any longleaf pines in this area are preserved. I recommend standard mitigation as per the policy for all trees to be removed, NATL wonders if they monies could be redirected into tidying up this entrance to NATL, especially given that the direct access from the boardwalk into NATL will be cut off by this building. What do the presenters propose for the access into NATL? Will this building be appealing to people that are trying to access a nature area?"* The committee discussed the comments from Emma. Joey stated that Cydney McGlothlin thought we could enhance the east elevation and use it as the entrance to the building and to NATL. It would give the NATL a defined entrance. Joey is working with the design team to minimize the tree impact, define the NATL entrance, as well as the overall building layout. Joey stated that the building will look like a storage building not a shed. It will be a two story building with a controlled environment.	May 09, 2019

			Email text from Adam Dale: "I am curious if the entire highlighted space would be occupied by the building or if that is just the lot the building will be on? It appears that the marked area will sit on top of the path connecting the FLMNH to NATL. If the building does interfere with the path, I recommend integrating the path into the construction design so that people can still use it to get to NATL from the FLMNH. Given that it is for the natural history museum, it seems like a design that incorporates a nature trail would be appropriate. Based on the map on page 12, it appears there is a >20"DBH tree outside of the proposed site to be removed. Please provide an explanation for this. Is this the 24" laurel oak? I approve and recommend standard tree mitigation in compliance with our current mitigation policy." The committee discussed the building footprint and confirmed the highlighted space is the proposed building footprint. The layout shows the proposed limits of the footprint but Joey is still working with the design team on the actual design of the building, the NATL path, and the tree impacts. We currently show a 24" laurel oak outside of the proposed site to be removed but if the building footprint is smaller the 24" laurel oak may be saved. As of now it is 10' away from the building and it may need to be removed in order to maneuver around the building with the construction equipment. Joey will talk to the design team to try to minimize the impact. Motion: Gail Hansen De Chapman moved to approve the site selection and coming back at another time for the tree mitigation on this project. Second: It was the consensus of the committee to approve the site selection and coming back at another time for the tree mitigation on this project. Motion Carried Unanimously	
	SCHEMATIC DESIGN	*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.*	UF-373 – Special Collections Building Jim Vignola Jim introduced himself and stated he was here today for the Advanced Schematic Design phase approval. He went over the project and the approvals of the committees thus far. He showed the committee the site and explained how the vehicles move around the existing buildings. The NATL trails are behind the proposed building. The trail continues beside the new building and goes on behind the building. Would like to enhance the NATL trail entrance with this project using long leaf pine and native grass understory ground cover.	May 14, 2020

			The idea is to blend the landscape with the existing ecosystem. There are about 8600 square feet area and another 5 or 6000 square feet for future expansion. We are asking to remove 133 trees and there are no heritage trees. He showed the breakdown on his presentation. With standard mitigation at 2 to 1 the mitigation is for 266 and we are proposing to replant 29 and mitigation of 59,250 dollars. He showed renderings of the building to show what it may look like. They spoke about the entrance of both pedestrian movement from the north toward the NATL entrance and how they have extended the trail beside the building and then on behind the building. The committee wanted to see if the design team can make the trail straight across and into the path instead of diagonal into the building. The committee wants it more to the east to make the pedestrians move more into a path not a building. The design team can also take the sign off the building to help direct pedestrians into the entrance of the NATL trail. Motion: Alpa Nawre made a motion to approve the tree mitigation as presented with a request to: 1) consider moving the location of the crosswalk eastward; 2) creating more of the sense of entry into the public trail system through use of various elements and devices such as signage, façade treatments, planting: 3) rethink the position of the larger signage on the building to take emphasis away from this non-public building and put emphasis back on the public trail. Second: Adam Dale Motion Carried Unanimously	
	DESIGN DEVELOPMENT	*The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.*		Nov. 12, 2020

NOTE TO PM: All landscape plans and tree protection drawings shall illustrate the full (mature) canopy of trees, not just a dot or small circle.

BACKGROUND INFORMATION:

PROJECT:
UF-373, FLMNH - Special Collections Building

SITE:
Previously Undeveloped, Wooded Site.
Boundaries (N/E/S/W): FLMNH (Powell Hall)/Phillips Center for Performing Arts/NATL/PropertyLine-Doyle Conner
See attached location map.

STATUS:
ARC (Approved w/Comments): April 07, 2020

PATAC (Approved w/Comments):	May 12, 2020
LVLC (Approved w/Comments):	May 14, 2020
ULUFPC (Approved):	June 02, 2020
PATAC (Approved):	November 10, 2020
LVLC (Seeking Approval):	November 12, 2020
ARC (.....TBD.....):	December 01, 2020
ULUFPC (.....TBD.....):	December 01, 2020
Design Development (Due):	November 20, 2020
100% Construction Documents (Due):	January 13, 2021
Building Permit Issuance:	March 18, 2021
Construction Commence:	March 24, 2021
Substantial Completion/Move-In:	Dec. 2021/Jan 2022

OBJECTIVES:

- Requesting Approval for (DD) Design Development Phase
  - LVLC Approvals
  - Address Past Comments
    - Accent the access to the NATL Trail
    - Modify crosswalk location
    - Remove 'weedy' trees along the fence line by the new building.
    - New Landscaping around building should be native, have color, and compliment the area including, but not limited to Sassafras albidum, Prunus umbellata, Aesculus glabra, Crataegus, Myrica cerifera, Baccharis halimifolia, Quercus incana, Q. laevis.. Avoid Cedar trees due to flammability.
    - Move or remove building sign and add sign for NATL
    - Consider an abstract design on the Entrance Wall of the building.

    Via email post-ASD Committee meeting
    - Controlled Burns: DD Presentation to explain knowledge of issue and how building is addressing.
    - Qty of tree demo: The number of trees being removed in the footprint of the 'future' addition. Do all of those need to come down now? Or is it a factor of cranes and tilt-up space too? If we can save some, that's good for Mitigation budget and LVL Committee. If not, explain why.
    - No more Palm Trees and DO remove undesirable trees/shrubs.
  - Review Low Impact Development (LID) Requirements

PROJECT PHASE AND PRESENTATION NARRATIVE:
(DD) Design Development Phase

- Architect/Landscape Architect/Builder: The HASKELL Company
- Civil Engineering Consultant: JBrown Professional Group, Inc.

- Background:
  - Previously Presented at PROGRAM Phase: May 09, 2019
  - Previously Presented at ASD Phase: May 14, 2020
- Scope / Description:
  - 2 Stories w/Rooftop Mechanical
  - +/-29,514 GSF
    - Future 10,000 GSF (2-Floors w/5,000 SF Footprint)
  - 1/3 Office/Lab, 2/3 Compact Storage (Wet Collections)
  - Seeking FGBCv3 (Florida Green Building Coalition) Gold
- Location:
  - Bldg. # 0640
  - 911 Address: 3207 Hull Road, Gainesville, FL 32611
  - Previously Undeveloped, Wooded Site
  - Boundaries (N/E/S/W):
    - FLMNH (Powell Hall)
    - Phillips Center for Performing Arts
    - NATL
    - Property Line-Doyle Conner

- Landscaping Impacts
    - LVLC (Approved w/Comments): May 14, 2020
    - Address Past Comments
        - Accent the access to the NATL Trail
        - Modify crosswalk location
        - Move or remove building sign and add sign for NATL
        - Remove 'weedy' trees along the fence line by the new building.
        - New Landscaping around building should be native, have color, and compliment the area including, but not limited to Sassafras albidum, Prunus umbellata, Aesculus glabra, Crataegus, Myrica cerifera, Baccharis halimifolia, Quercus incana, Q. laevis.. Avoid Cedar trees due to flammability.
        - Consider an abstract design on the Entrance Wall of the building.

      Via email post-ASD Committee meeting
        - Controlled Burns: DD Presentation to explain knowledge of issue and how building is addressing.
        - Qty of tree demo: The number of trees being removed in the footprint of the 'future' addition. Do all of those need to come down now? Or is it a factor of cranes and tilt-up space too? If we can save some, that's good for Mitigation budget and LVL Committee. If not, explain why.
        - No more Palm Trees and DO remove undesirable trees/shrubs.

    - Tree Mitigation Tables
        - Regulated Trees to be Removed:
            - (115) Laurel Oaks
            - (11) Loblolly Pine
            - (2) Water Oak
            - (1) Elm
            - (1) Sugar
            - (3) Cherry

          (133) TOTAL

        - <u>Type Suggested Species Size</u>
        - Canopy Live Oak 100 Gal
        - Pine Trees Longleaf Pine 30 Gal

    - <u>Tree Mitigation Totals</u>
        - Regulated Trees to be Removed: (133) Total Trees
        - Total Trees Required for 2:1 Mitigation: (266) Total Trees
        - Total Trees to be Provided: (10) Total Trees
        - Total Mitigation Deficit: (256) Total Trees
            - (256) x $250 = $64,000

    - PLANT LIST / per LVLC designers*
        - Aesculus glabra* – Red Buckeye – N – 15 gal
        - Baccharis halimifolia* – Salt bush – N – 1 gal
        - Crataegus flava* – Summer Haw – N – 3 Gal
        - Iris hexagona – Blue Flag Iris – N – 1 Gal
        - Myrica cerifera* – Wax Myrtle – N – 3 Gal
        - Pinus Palustris – Longleaf Pine – N - 30 Gal
        - Prunus umbellate* – Flatwood Plum – N – 15 gal
        - Quercus incana* – Balckjack Oak – N – 3 Gal
        - Quercus laevis* – Turkey Oak – N – 7 Gal
        - Quercus virginiana – Live Oak N – 100 Gal
        - Rhus copallinum – Wingered Sumac – 1 gal
        - Sabal palmetto – Cabbage Palm N – 12'-18'CT
        - Sassafras albidum* – Sassafras – N – 3 Gal
        - Tripacum floridana – Florida Gama Grass – N – 1 Gal

- Review Low Impact Development (LID) Requirements
    - https://facilities.ufl.edu/forms/dcs/010000.pdf

C. INCORPORATE LOW IMPACT DEVELOPMENT WHERE PRACTICABLE
In order to improve water quality and prevent additional erosion in the University's streams, all projects which impact soil must incorporate the use of Low Impact Development (LID) stormwater techniques where physically, economically, and practically possible. Projects shall include in their presentation before the Lakes, Vegetation and Landscaping Committee or Landscaping Subcommittee a discussion of how LID techniques were/were not incorporated. These techniques include, but are not limited to:

- Mini-retention / detention,
- Bio-retention / rain gardens.
- Porous soil amendments,
- Lowered landscaping beds,
- Pervious pavement –hardscape storage,
- Curb openings (i.e. brick and other hardscape removal in edging and sweat wall footings) that allow water to enter vegetated areas,
- Use of lawn areas for incorporating slight depressions that retain rainfall,
- And elevating storm drains where water detention is acceptable so that they are not at the lowest elevation in the landscape.

- CURRENT STATUS
    - Schedule
        - Committees (ASD):
            - ARC (Approved w/Comments): April 07, 2020
            - PATAC (Approved w/Comments): May 12, 2020
            - LVLC (Approved w/Comments): May 14, 2020
            - ULUFPC (Approved): June 02, 2020

        - Committees (DD):
            - PATAC (Approved): November 10, 2020
            - LVLC (Seeking Approval): November 12, 2020
            - ARC (…..TBD…..): December 01, 2020
            - ULUFPC (…..TBD…..): December 01, 2020

    - Schedule, Cont.
        - Design Development (Due): November 20, 2020
        - 100% Construction Documents (Due): January 13, 2021
        - Building Permit Issuance: March 18, 2021
        - Construction Commence: March 24, 2021
        - Substantial Completion/Move-In: Dec. 2021/Jan 2022

    - Sustainability Certification
        - FGBCv3, Gold: On-Track

See attached PowerPoint presentation of DD Phase

ENCLOSURES:
1. CMP Checklist
2. Location Map
3. PowerPoint presentation of DD Phase

UF-373
FLMNH - Special Collections Building
DD Phase
Lakes, Vegetation and Landscaping Committee [LVLC]

November 12, 2020

Planning, Design & Construction: Jim Vignola, PM
Architect/Landscape Architect/Builder: The HASKELL Company
Civil Engineering Consultant: JBrown Professional Group, Inc.

UF-373
FLMNH - Special Collections Building

- Background / Scope / Description / Location
- Landscaping Impacts
  - LVLC Approvals
  - Address Past Comments
  - Review Low Impact Development (LID) Requirements
- Current Status
  - Schedule
  - Sustainability Certification
- Committee Approval/Recommendation

UF-373
FLMNH - Special Collections Building

- Background:
  - Previously Presented at PROGRAM Phase: May 09, 2019
  - Previously Presented at ASD Phase: May 14, 2020

- Scope / Description:
  - 2 Stories w/Rooftop Mechanical
  - +/-29,514 GSF
    - Future 10,000 GSF (2-Floors w/5,000 SF Footprint)
  - 1/3 Office/Lab, 2/3 Compact Storage (Wet Collections)
  - Seeking FGBCv3 (Florida Green Building Coalition) Gold

LOCATION

- Bldg. # 0640
- 911 Address: 3207 Hull Road, Gainesville, FL 32611

- Previously Undeveloped, Wooded Site

- Boundaries (N/E/S/W):
  - FLMNH (Powell Hall)
  - Phillips Center for Performing Arts
  - NATL
  - Property Line-Doyle Conner

UF-373
FLMNH - Special Collections Building

- Landscaping Impacts
  - LVLC Approvals
    - (Approved ASD w/Comments): May 14, 2020
  - Address Past Comments
    - Accent the access to the NATL Trail
    - Modify crosswalk location
    - Remove 'weedy' trees along the fence line by the new building.
    - New Landscaping around building should be native, have color, and compliment the area including, but not limited to Sassafras albidum, Prunus umbellata, Aesculus glabra, Crataegus, Myrica cerifera, Baccharis halimifolia, Quercus incana, Q. laevis.. Avoid Cedar trees due to flammability.
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UF-373
FLMNH - Special Collections Building

- Landscaping Impacts, cont.
  - Address Past Comments, cont.

Via email post-ASD Committee meeting

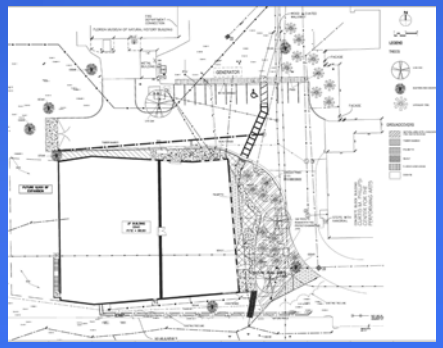
- Controlled Burns: DD Presentation to explain knowledge of issue and how building is addressing.
- Qty of tree demo: The number of trees being removed in the footprint of the 'future' addition. Do all of those need to come down now? Or is it a factor of cranes and tilt-up space too? If we can save some, that's good for Mitigation budget and LVL Committee. If not, explain why.
- No more Palm Trees and DO remove undesirable trees/shrubs.

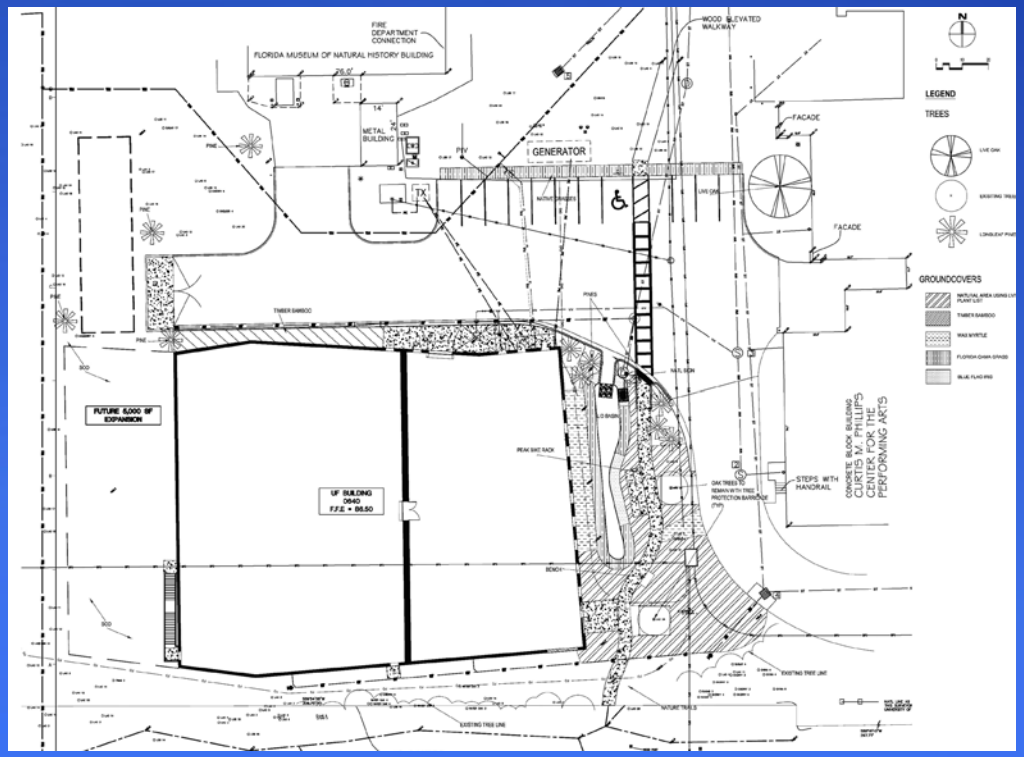
Landscaping Impacts, Cont.

- Address Past Comments

- Accent the access to the NATL Trail

- Modify crosswalk location



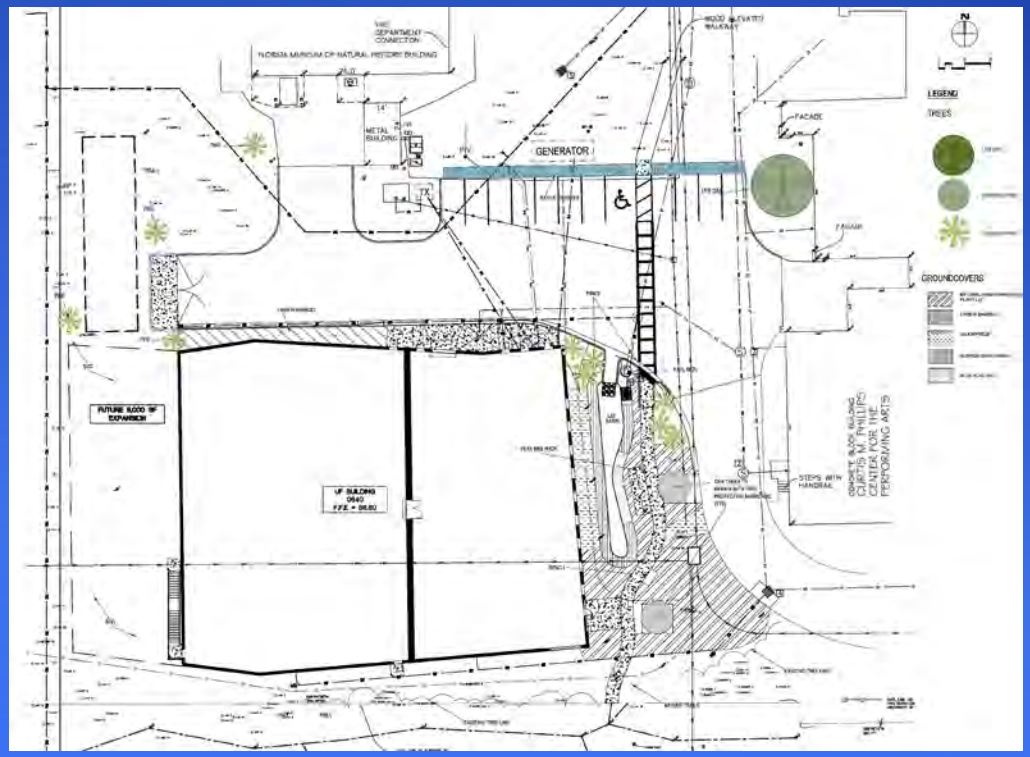


Landscaping Impacts, Cont.

- Address Past Comments

- Remove ‘weedy’ trees along the fence line by the new building.

- New Landscaping around building should be native, have color, and compliment the area including, but not limited to Sassafras albidum, Prunus umbellata, Aesculus glabra, Crataegus, Myrica cerifera, Baccharis halimifolia, Quercus incana, Q. laevis.. Avoid Cedar trees due to flammability.



Landscaping Impacts, Cont.

- Address Past Comments

- Move or remove building sign and add sign for NATL

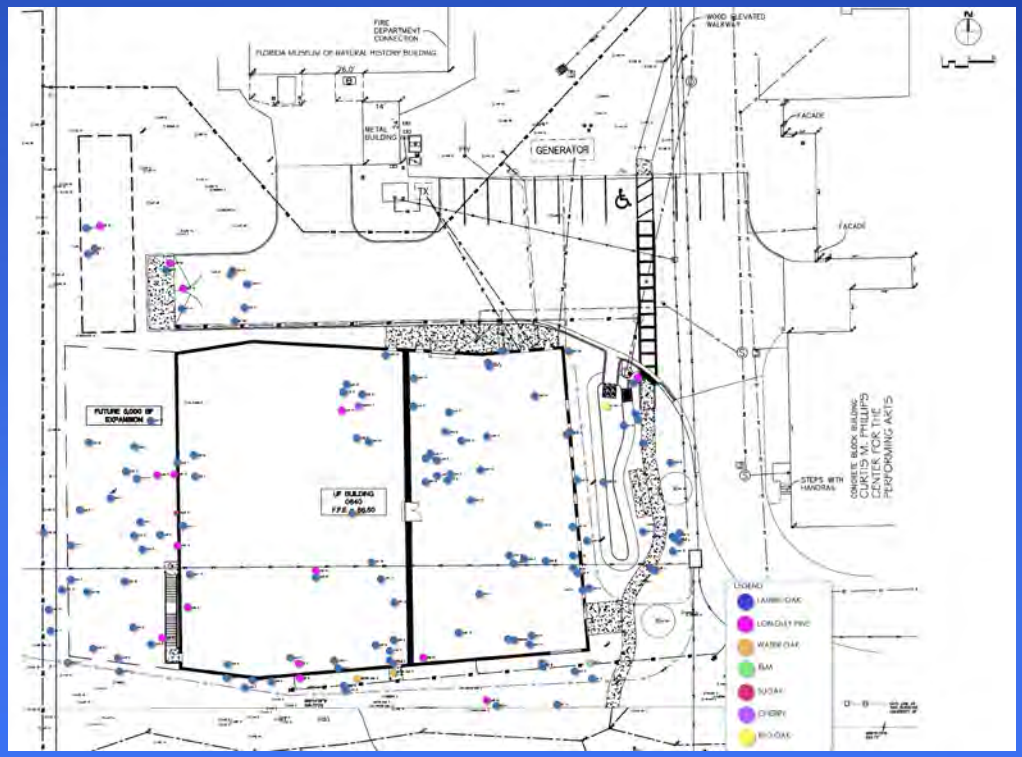
- Consider an abstract design on the Entrance Wall of the building

Landscaping Impacts, Cont.

- Address Past Comments
- Controlled Burns: TLC will address in the Basis of Design "Sequence of Operations". It will include ember screens and smoke detectors.
- Qty of tree demo: Carefully considered construction impact and space.
- No Palm Trees and DO remove undesirable trees/shrubs.

PLANT LIST / per LVLC designers*

- Aesculus glabra* – Red Buckeye – N – 15 gal
- Baccharis halimifolia* – Salt bush – N – 1 gal
- Crataegus flava* – Summer Haw – N – 3 Gal
- Iris hexagona – Blue Flag Iris – N – 1 Gal
- Myrica cerifera* – Wax Myrtle – N – 3 Gal
- Pinus Palustris – Longleaf Pine – N - 30 Gal
- Prunus umbellate* – Flatwood Plum – N – 15 gal
- Quercus incana* – Balckjack Oak – N – 3 Gal
- Quercus laevis* – Turkey Oak – N – 7 Gal
- Quercus virginiana – Live Oak N – 100 Gal
- Rhus copallinum – Wingered Sumac – 1 gal
- Sabal palmetto – Cabbage Palm N – 12'-18'CT
- Sassafras albidum* – Sassafras – N – 3 Gal
- Tripacum floridana – Florida Gama Grass – N – 1 Gal



UF-373
FLMNH - Special Collections Building

- Review Low Impact Development (LID) Requirements
  - https://facilities.ufl.edu/forms/dcs/010000.pdf

C. INCORPORATE LOW IMPACT DEVELOPMENT WHERE PRACTICABLE

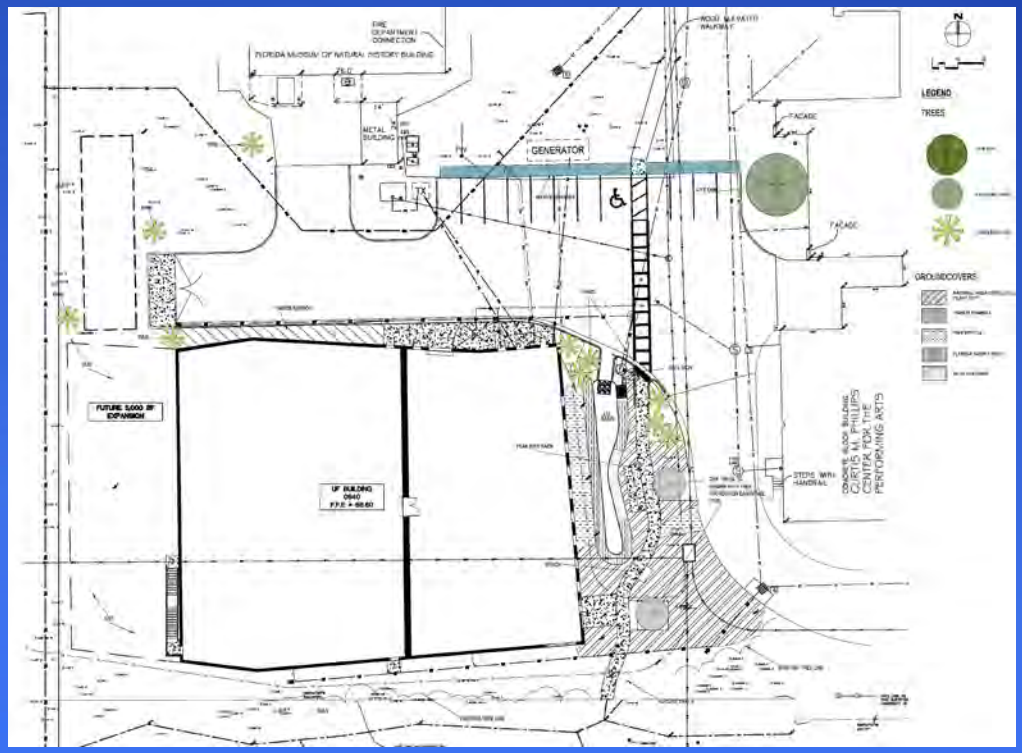
In order to improve water quality and prevent additional erosion in the University's streams, all projects which impact soil must incorporate the use of Low Impact Development (LID) stormwater techniques where physically, economically, and practically possible. Projects shall include in their presentation before the Lakes, Vegetation and Landscaping Committee or Landscaping Subcommittee a discussion of how LID techniques were/were not incorporated. These techniques include, but are not limited to:

- Mini-retention / detention,
- Bio-retention / rain gardens.
- Porous soil amendments,
- Lowered landscaping beds,
- Pervious pavement –hardscape storage,
- Curb openings (i.e. brick and other hardscape removal in edging and sweat wall footings) that allow water to enter vegetated areas,
- Use of lawn areas for incorporating slight depressions that retain rainfall,
- And elevating storm drains where water detention is acceptable so that they are not at the lowest elevation in the landscape.

Landscaping Impacts, Cont.

Review LID Requirements

- Mini-retention / detention,
- Bio-retention / rain gardens.
- Porous soil amendments,
- Lowered landscaping beds,
- Pervious pavement –hardscape storage,
- Curb openings (i.e. brick and other hardscape removal in edging and sweat wall footings) that allow water to enter vegetated areas,
- Use of lawn areas for incorporating slight depressions that retain rainfall, [Natural Areas/Groundcover]
- And elevating storm drains where water detention is acceptable so that they are not at the lowest elevation in the landscape.



UF-373
FLMNH - Special Collections Building

- Current Status
  - Schedule
  - Sustainability Certification

UF-373
FLMNH - Special Collections Building

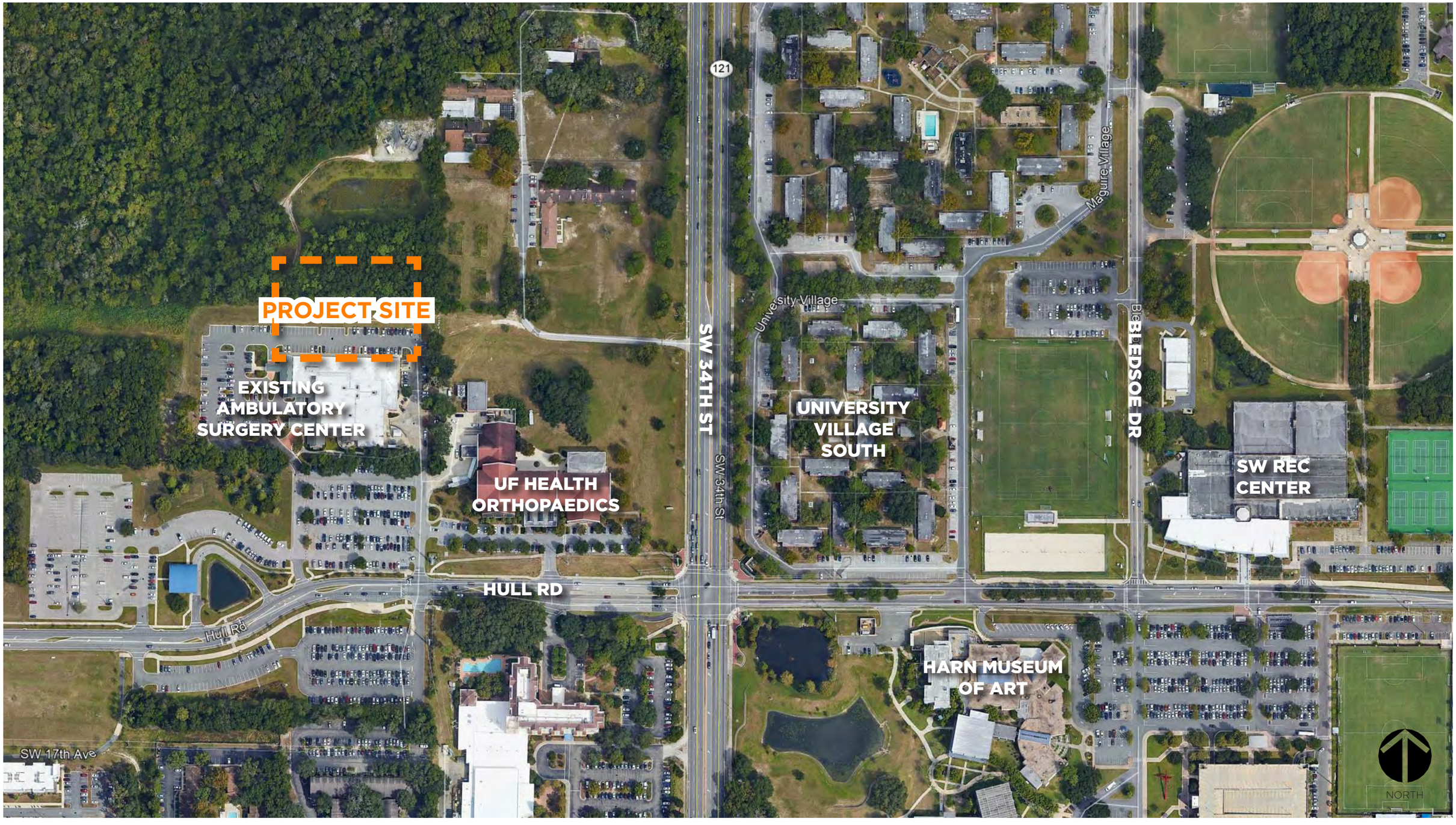
- Current Status
  - Schedule
    - Committees (ASD):
      - ARC (Approved w/Comments): April 07, 2020
      - PATAC (Approved w/Comments): May 12, 2020
      - LVLC (Approved w/Comments): May 14, 2020
      - ULUFPC (Approved): June 02, 2020
    - Committees (DD):
      - PATAC (Approved): November 10, 2020
      - LVLC (Seeking Approval): November 12, 2020
      - ARC (.....TBD.....): December 01, 2020
      - ULUFPC (.....TBD.....): December 01, 2020

UF-373
FLMNH - Special Collections Building

- Current Status
  - Schedule, Cont.
    - Design Development (Due): November 20, 2020
    - 100% Construction Documents (Due): January 13, 2021
    - Building Permit Issuance: March 18, 2021
    - Construction Commence: March 24, 2021
    - Substantial Completion/Move-In: Dec. 2021/Jan 2022
  - Sustainability Certification
    - FGBCv3, Gold: On-Track

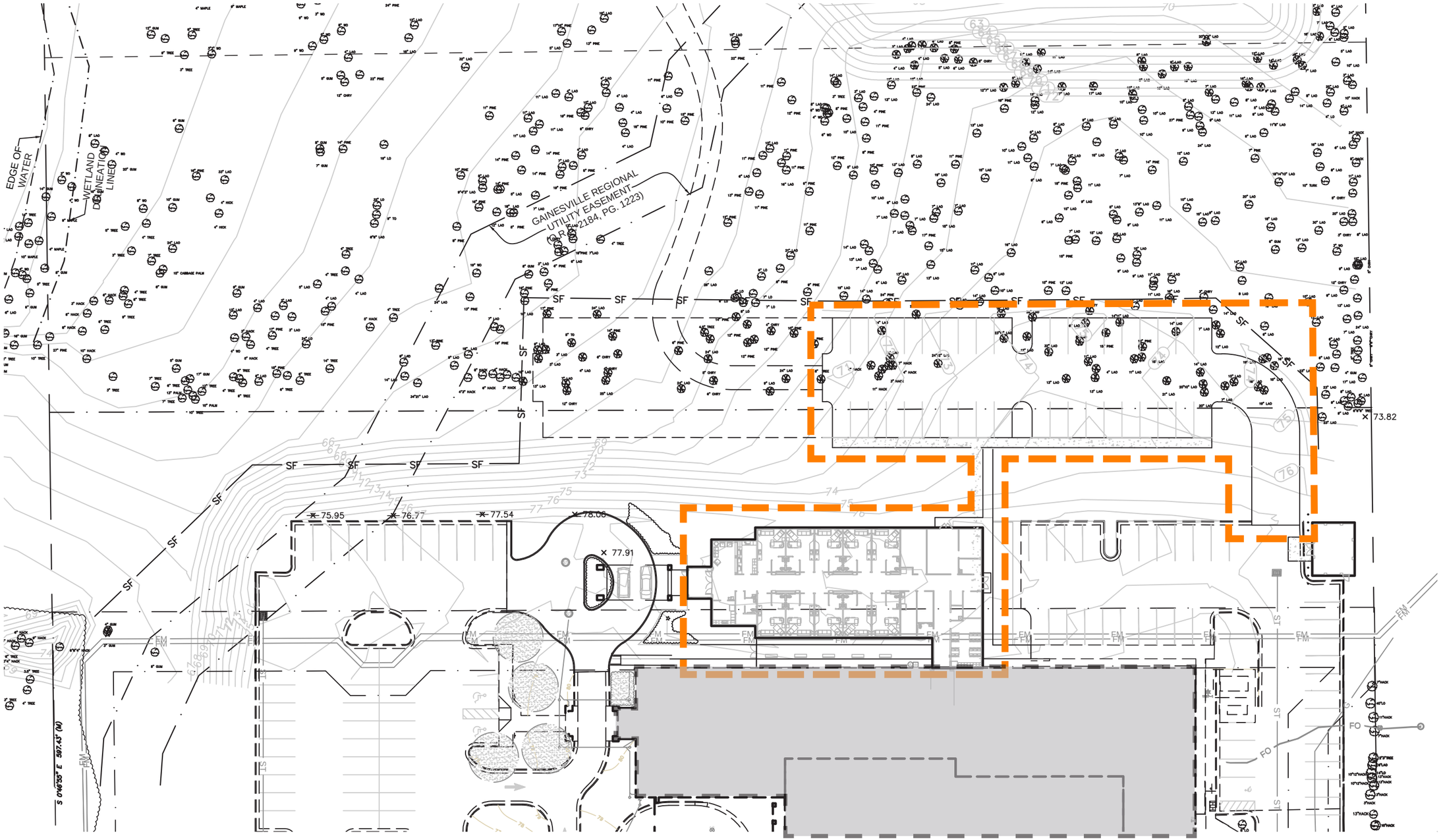
UF-373
FLMNH - Special Collections Building

- Questions?
- Committee Approval/Recommendation

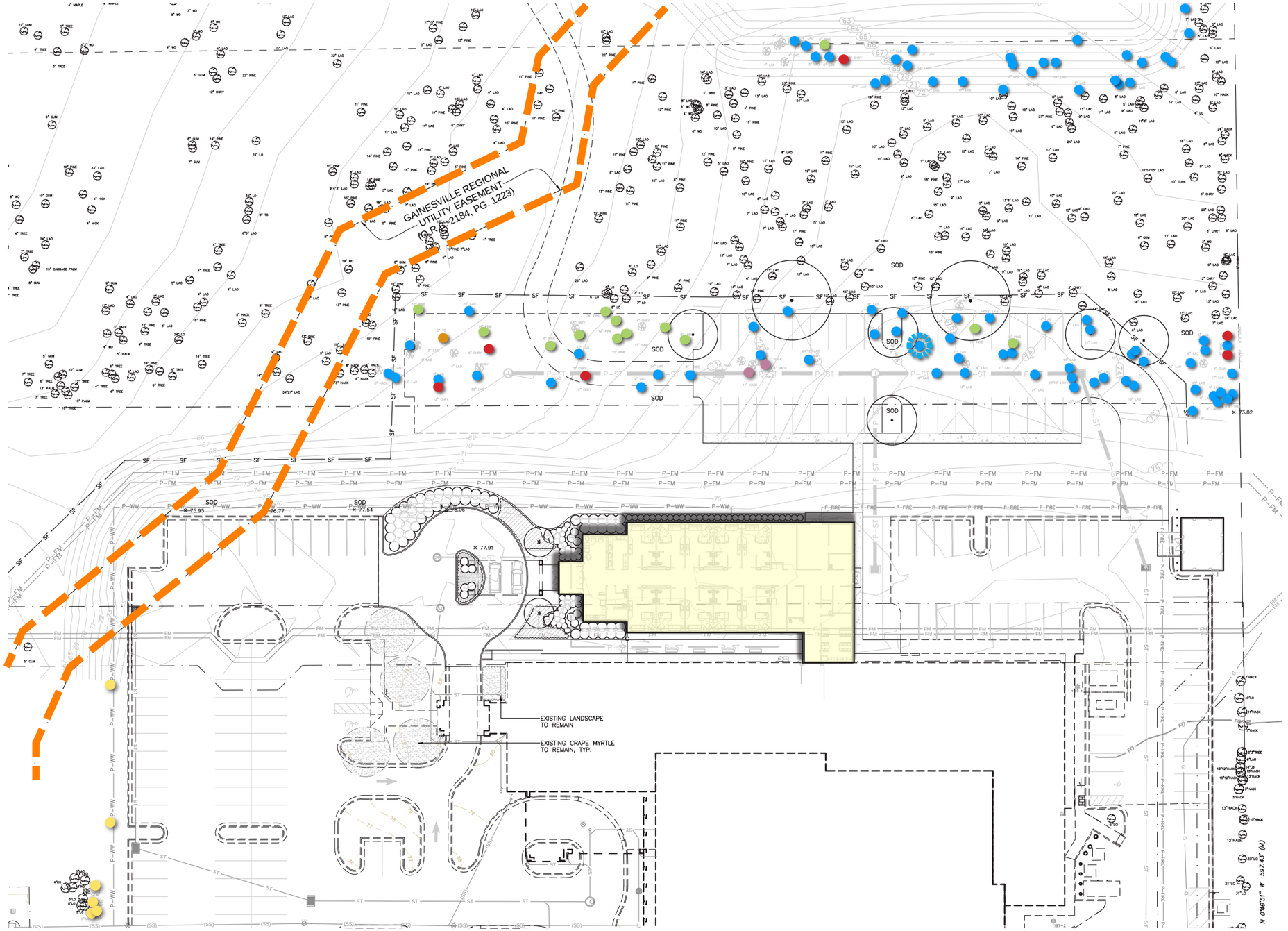

PROJECT SITE
EXISTING AMBULATORY SURGERY CENTER
UF HEALTH ORTHOPAEDICS
HULL RD
Hull Rd
SW 17th Ave
SW 34th St
121
University Village
Maguire Village
Bledsoe Dr
UNIVERSITY VILLAGE SOUTH
SW REC CENTER
HARN MUSEUM OF ART
NORTH


PROJECT SITE
EXISTING
AMBULATORY
SURGERY CENTER

SITE PLAN


EDGE OF WATER
WETLAND DELINEATION LINE
GAINESVILLE REGIONAL UTILITY EASEMENT (OR BK 2184, PG. 1223)
SF
FM
ST
FO
75.95
76.77
77.54
78.06
77.91
73.82
S 0°46'55" E 597.43' (M)

EXISTING SITE PHOTOS



TREE MITIGATION TOTALS:

REGULATED TREES TO REMOVE:

- (13) PINE
- (82) LAUREL OAK
- (1) TURKEY OAK
- (6) LIVE OAK
- (6) CHERRY
- (2) HACKBERRY

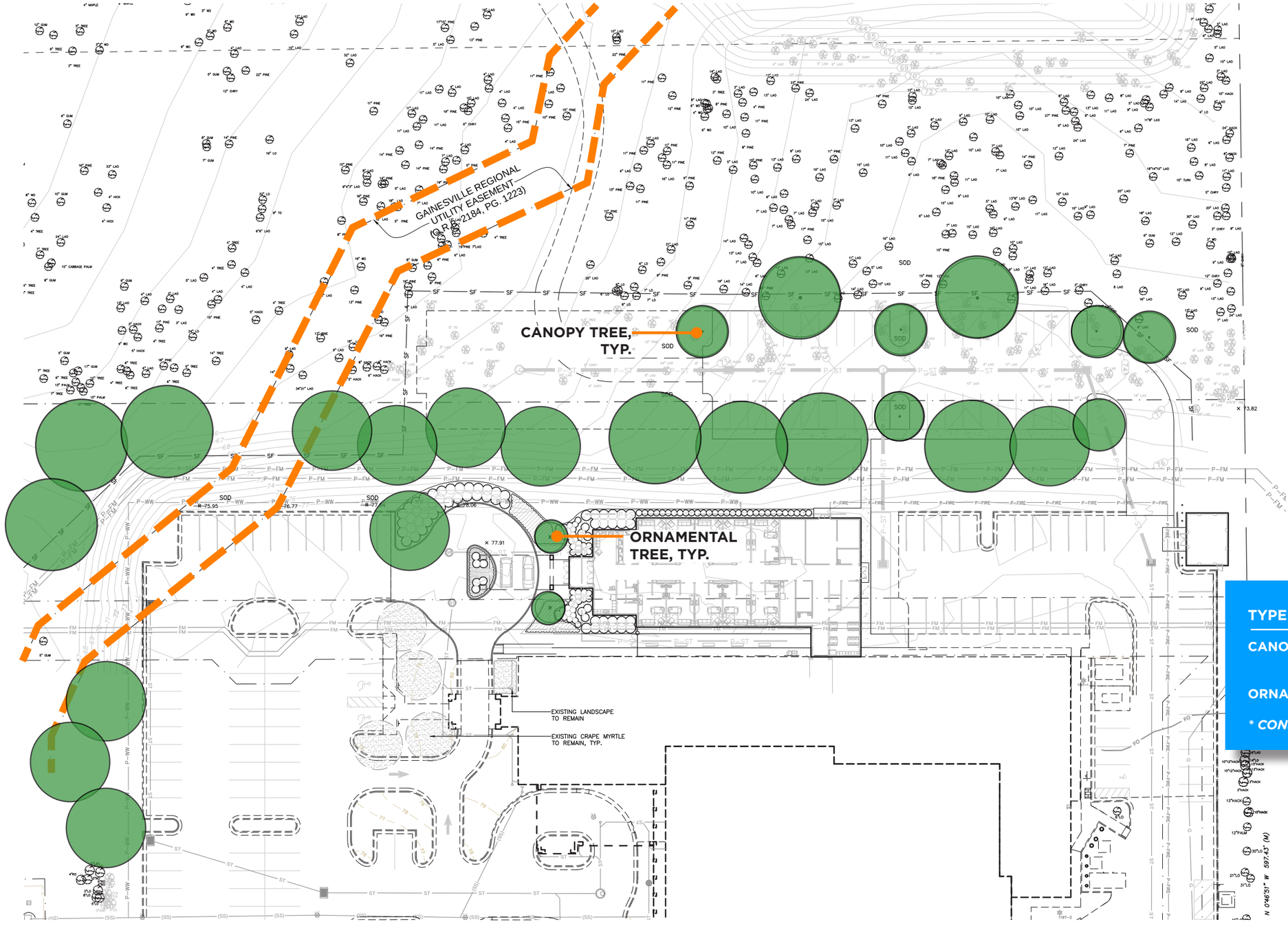
HERITAGE TREES TO REMOVE:

- 32” LAUREL OAK

LEGEND

- PINE TO REMOVE
- TURKEY OAK TO REMOVE
- LAUREL OAK TO REMOVE
- LIVE OAK TO REMOVE
- HACKBERRY TO REMOVE
- CHERRY TO REMOVE

NORTH



TREE MITIGATION TOTALS:

REGULATED TREES TO REMOVE:
(110) TOTAL TREES

TOTAL TREES REQUIRED FOR 2:1 MITIGATION:
(220) TOTAL TREES

HERITAGE TREES TO REMOVE:

32” LAUREL OAK = 3 TREES

TOTAL TREES REQUIRED MITIGATION:
(223) TREES

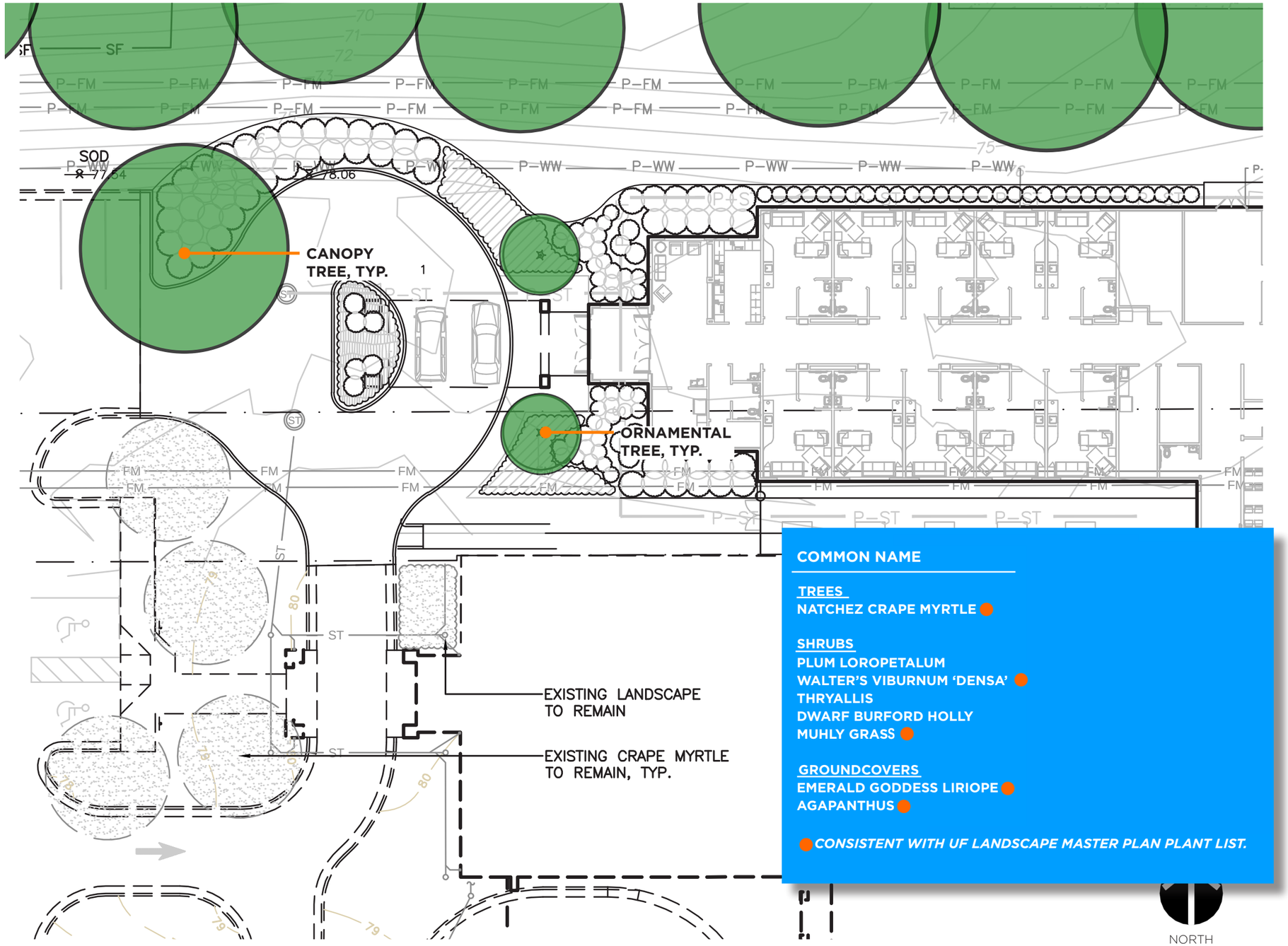
TOTAL TREES PROVIDED:
(26) TREES

TOTAL MITIGATION DEFICIT:
(197) TREE X $250 PER TREE = $49,250

TYPE	SUGGESTED SPECIES
CANOPY TREES	WINGED ELM*, BASKET OAK*, LIVE OAK*, RED MAPLE*, CYPRESS*
ORNAMENTAL TREE	CRAPE MYRTLE*

** CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.*

NORTH



COMMON NAME

TREES
NATCHEZ CRAPE MYRTLE ●

SHRUBS
PLUM LOROPETALUM
WALTER'S VIBURNUM 'DENSA' ●
THRYALLIS
DWARF BURFORD HOLLY
MUHLY GRASS ●

GROUNDCOVERS
EMERALD GODDESS LIRIOPE ●
AGAPANTHUS ●

●*CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.*

UF
UNIVERSITY of FLORIDA

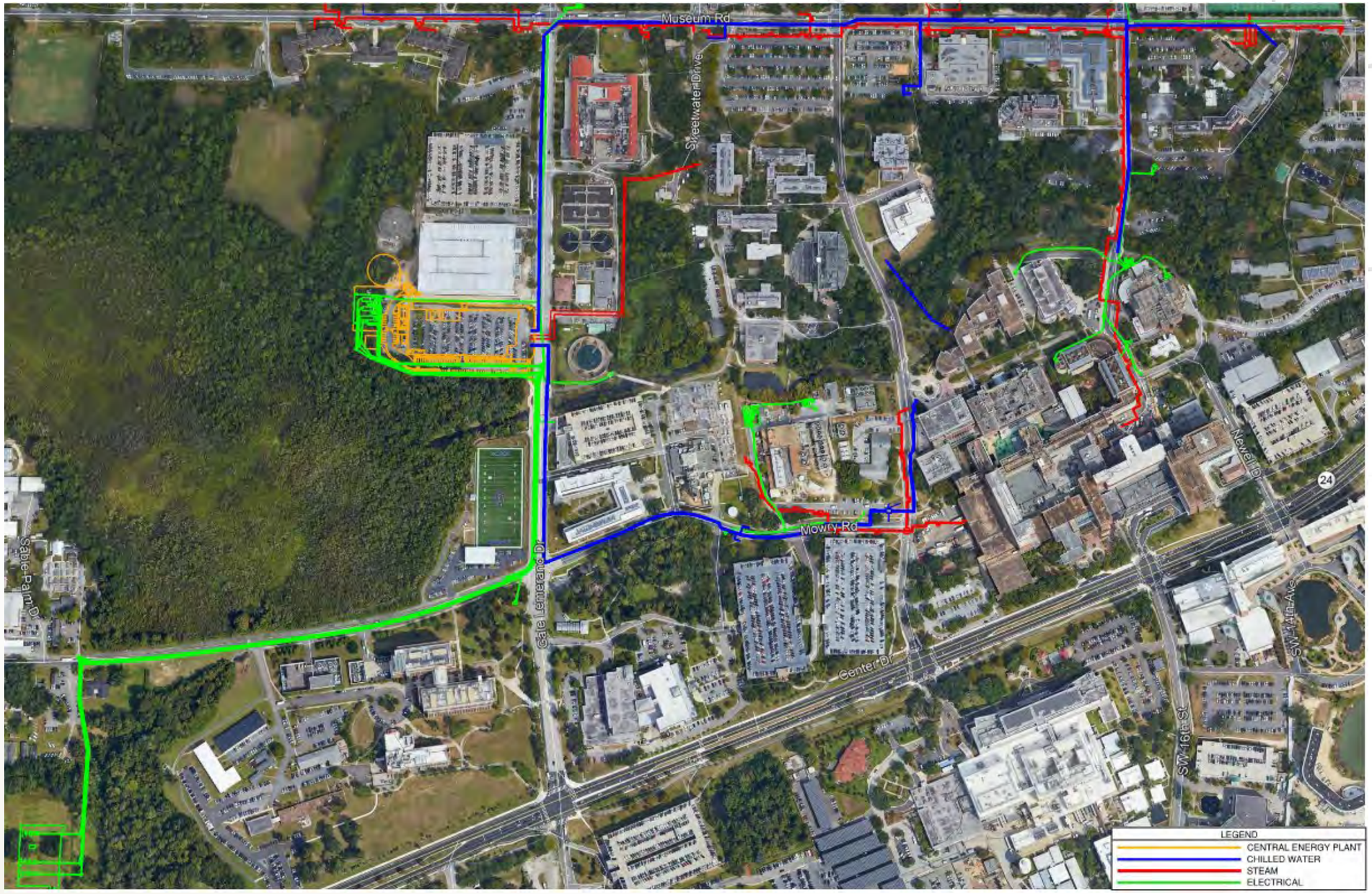
Lakes, Vegetation and Landscaping Committee

November 12, 2020

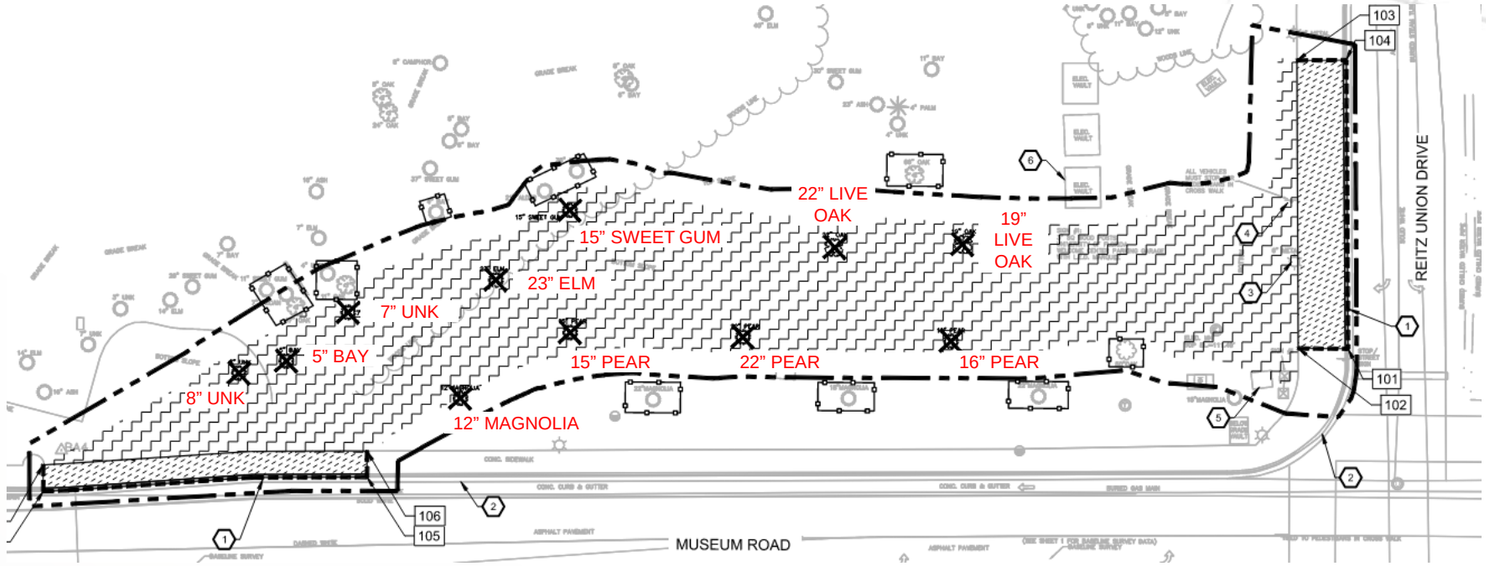
UF-623D CENTRAL ENERGY PLANT
UF-623B THERMAL UTILITY INFRASTRUCTURE
UF-623C ELECTRICAL UTILITY INFRASTRUCTURE

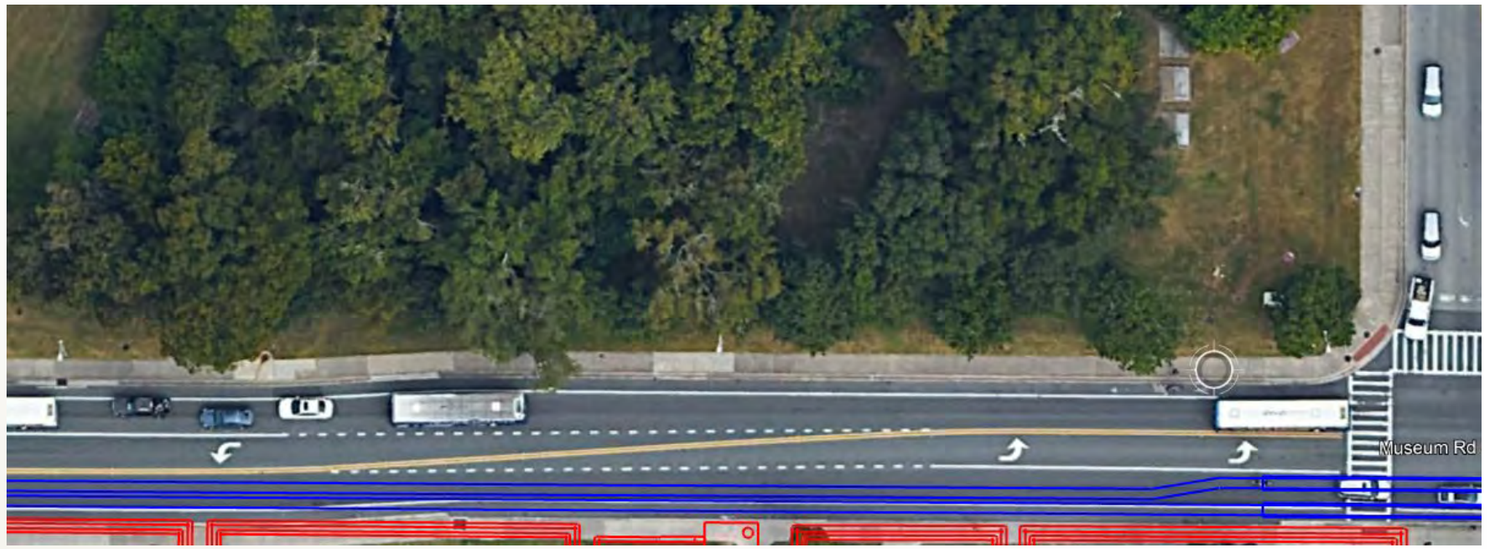
Jacobs

UF-623 Program Overview



UF-623B – Temporary Access Road



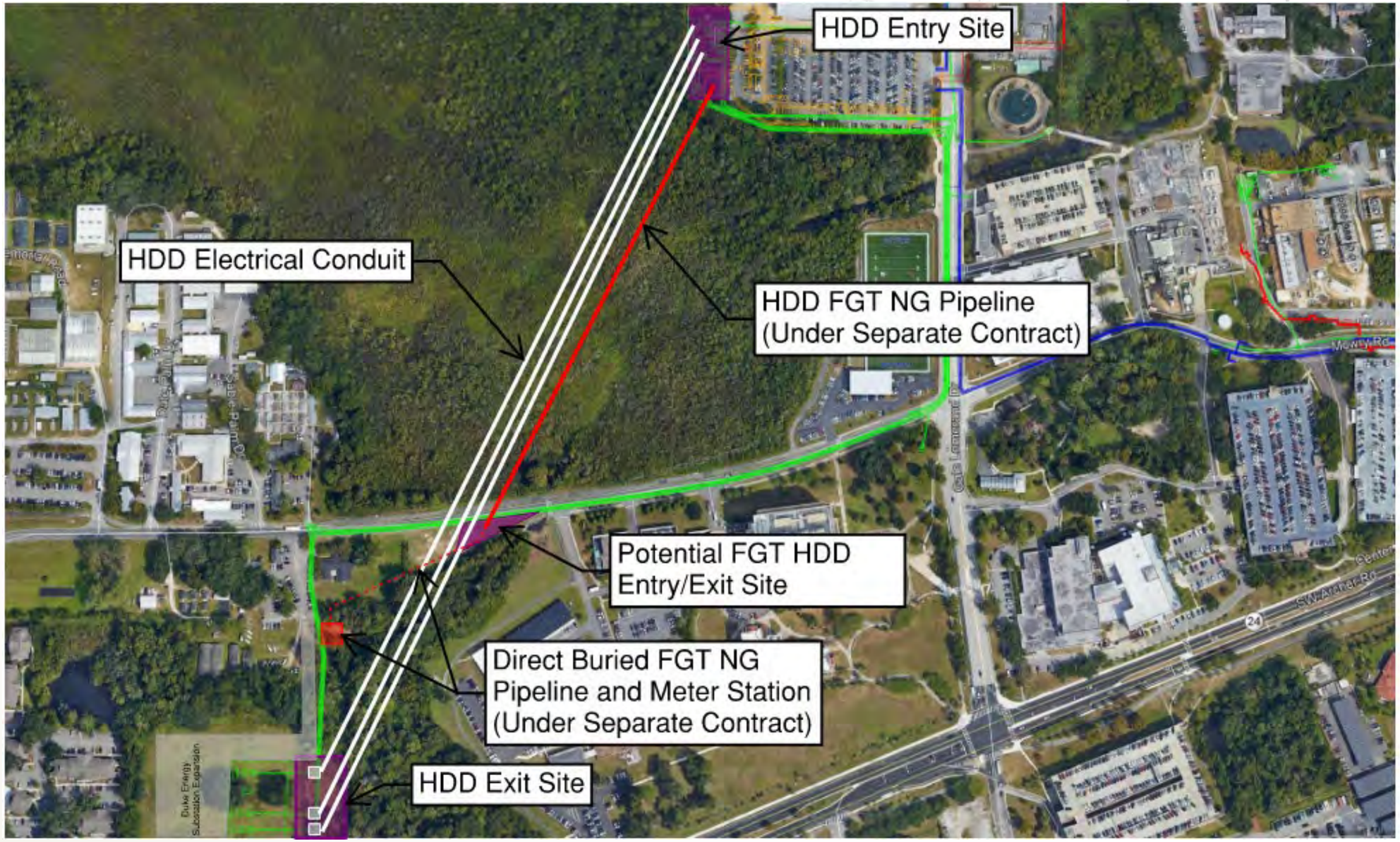


TREE REMOVAL TABLE		
QTY	SPECIES	SIZE
1	LIVE OAK	19”
1	LIVE OAK	22”
1	SWEET GUM	15”
1	PEAR	15”
1	PEAR	16”
1	PEAR	22”
1	ELM	23”
1	MAGNOLIA	12”
1	BAY	5”
1	UNKNOWN	8”
1	UNKNOWN	7”

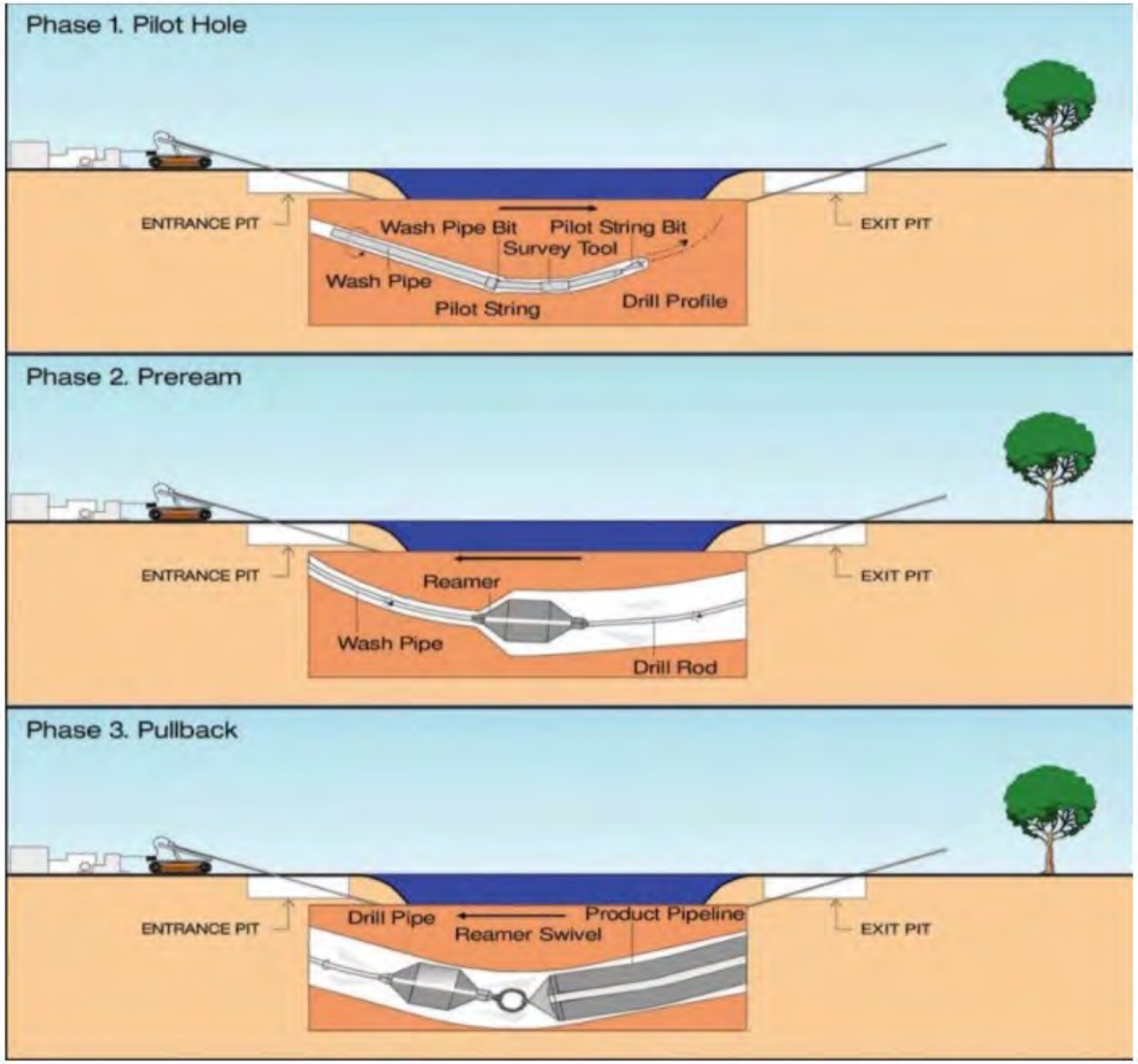
UF-623B – Temporary Access Road (Magnolias)

UF-623B – Temporary Access Road (Live Oaks)

UF-623C – HDD Design



UF-623C – HDD Design



QUESTIONS?

REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

TO:	The LVL Committee	FOR:	11-12-2020 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	Keith Humphreys, Project Manager
REQUESTOR:	Keith Humphreys UF PD&C	PRESENTERS:	Keith Humphreys and Design Staff

	PHASE:	Committee Responsibilities:	STATUS AND PRIOR COMMENTS:	DATE:
X	PROGRAMMING	*The committee will review and recommend approval/denial of general site suitability - having evaluated impacts to trees, landscape, natural areas, and lakes.*	Approved site as presented. PM stated that there would not be any foreseen tree impacts.	6-13-19
X	SCHEMATIC DESIGN	*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.*	Approved project as presented with Standard Mitigation on the removal of one Slash Pine.	8-13-2020
X	DESIGN DEVELOPMENT	*The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.*		11-12-20

BACKGROUND INFORMATION:

PROJECT:
UF-638, Student Health Care Center

SITE:
South East Corner of Perry Field. See attached location map.

STATUS:
Site (Perry Field) is currently being demoed.
Design Development Phase completed for review.

OBJECTIVES:

- Request approval of proposed landscape concept.

PROJECT PHASE AND PRESENTATION NARRATIVE:
Design Development looking for approval to move on to 80% CD's

Presentation will be a brief discussion of location and scope. Will review a more detailed landscaping plan.

ENCLOSURES:
1. Presentation
2. LVL report
3. Location picture


Stadium Road

UF-638
STUDENT HEALTHCARE CENTER

LAKES, VEGETATION, AND LANDSCAPING COMMITTEE

DESIGN DEVELOPMENT REVIEW
NOVEMBER 10, 2020

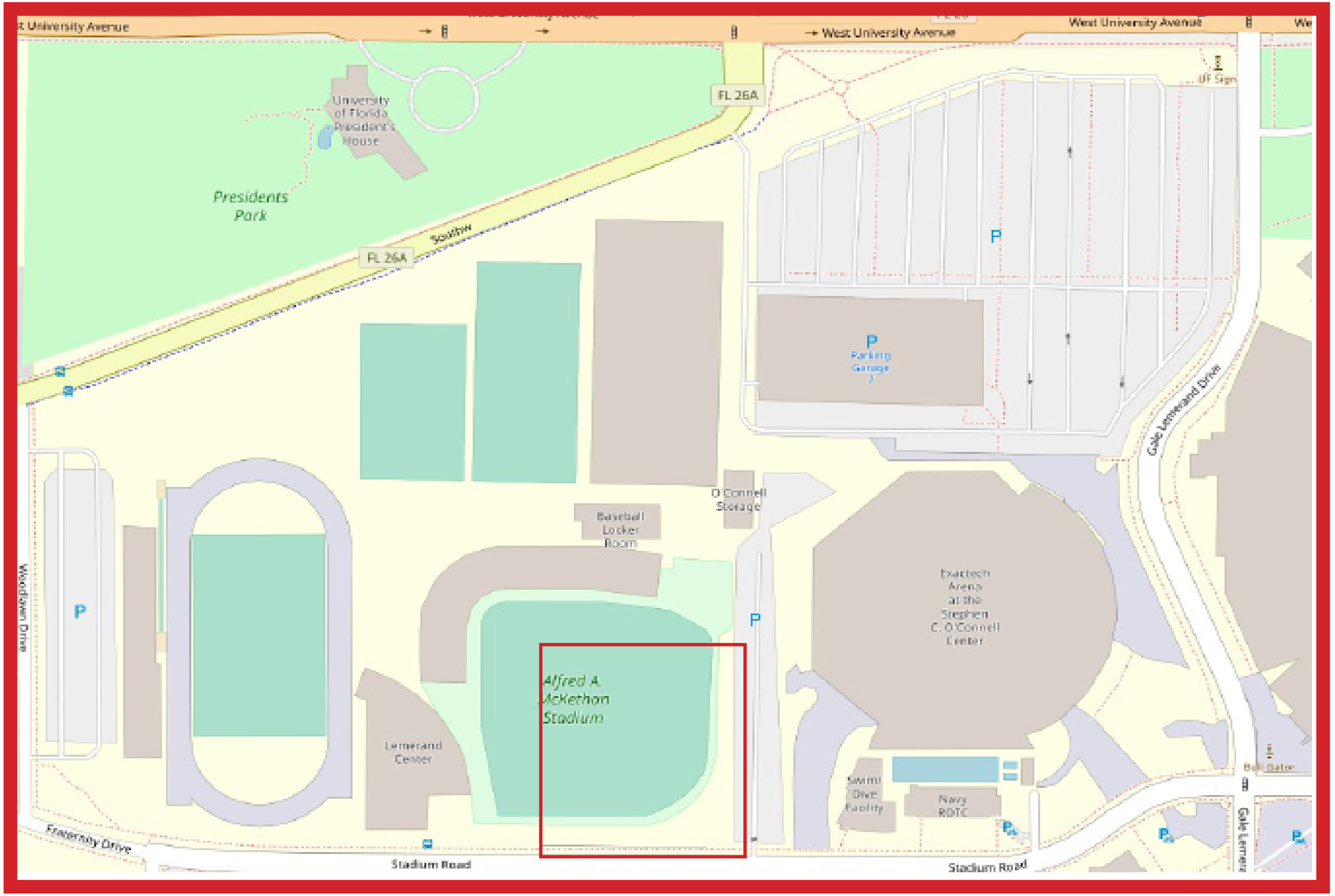
walter p moore CHW AEI CD Walker Architects

UF-638
STUDENT HEALTHCARE CENTER

- Location
- Tree Removal and Mitigation
- Landscape Plan
- Issues from Schematic
- Committee Recommendation

walter p moore CHW AEI CD Walker Architects

UF-638 STUDENT HEALTHCARE CENTER



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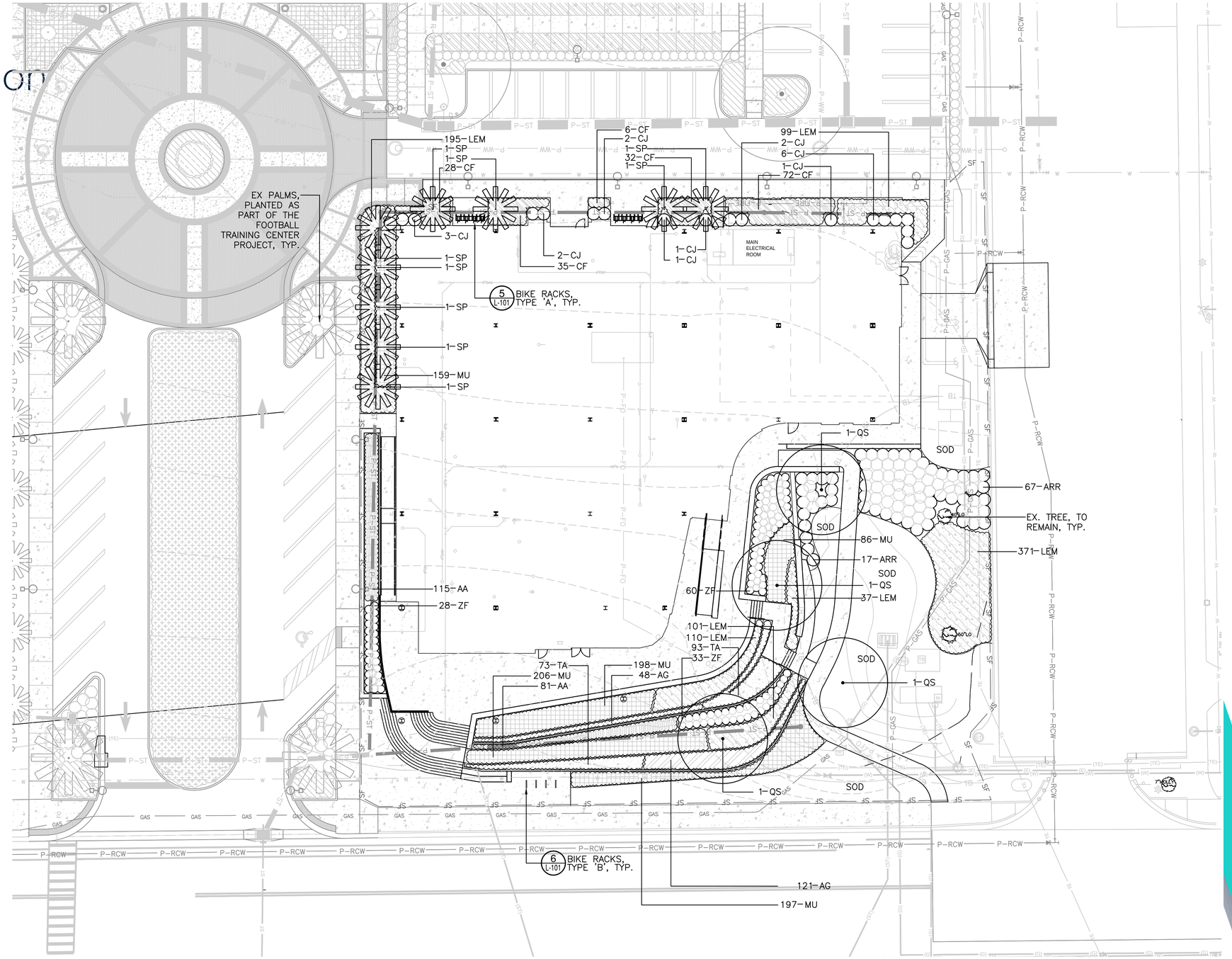
UF-638 STUDENT HEALTHCARE CENTER

- Tree Removal and Mitigation



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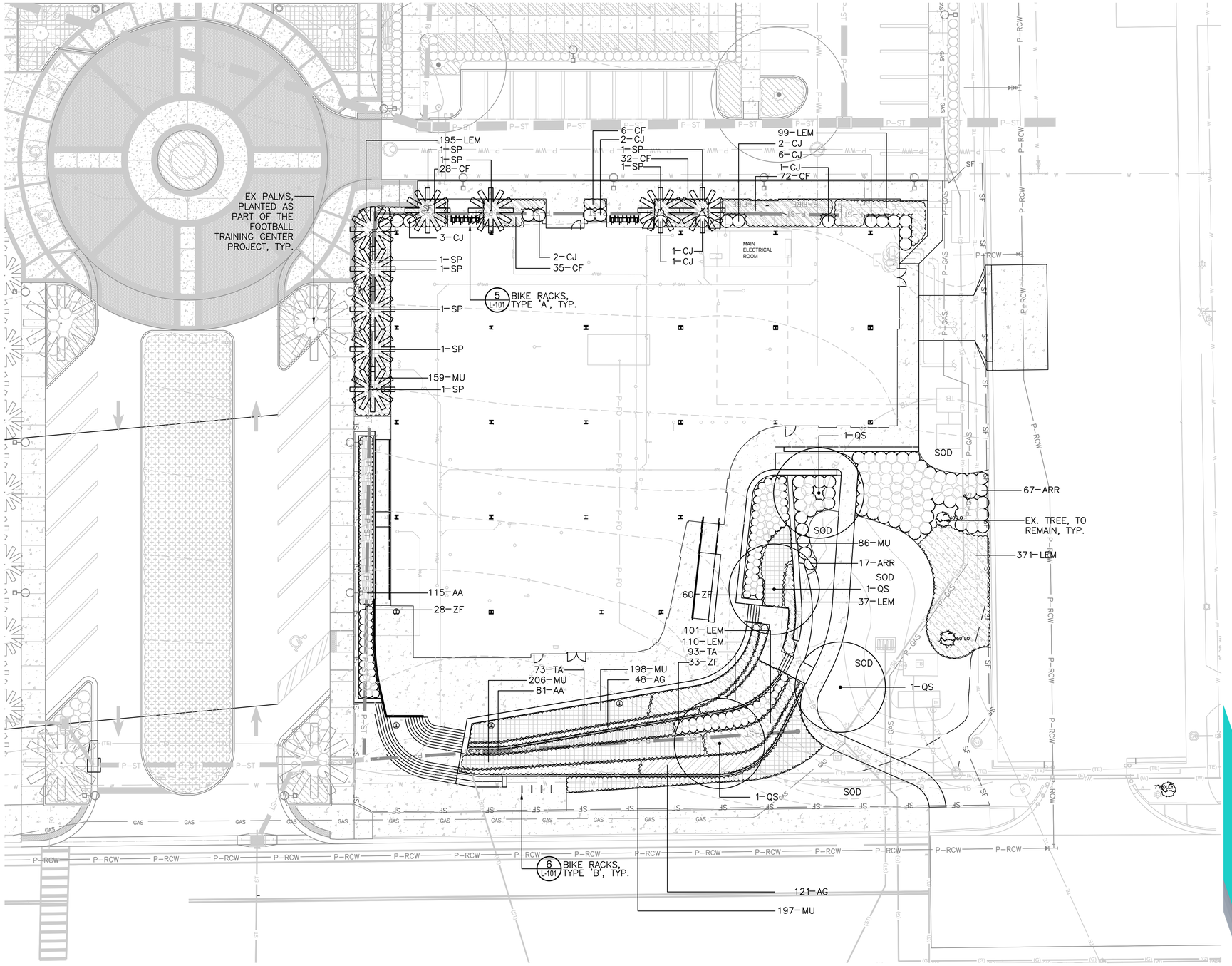
UF-638 STUDENT HEALTHCARE CENTER

- Landscape Plan



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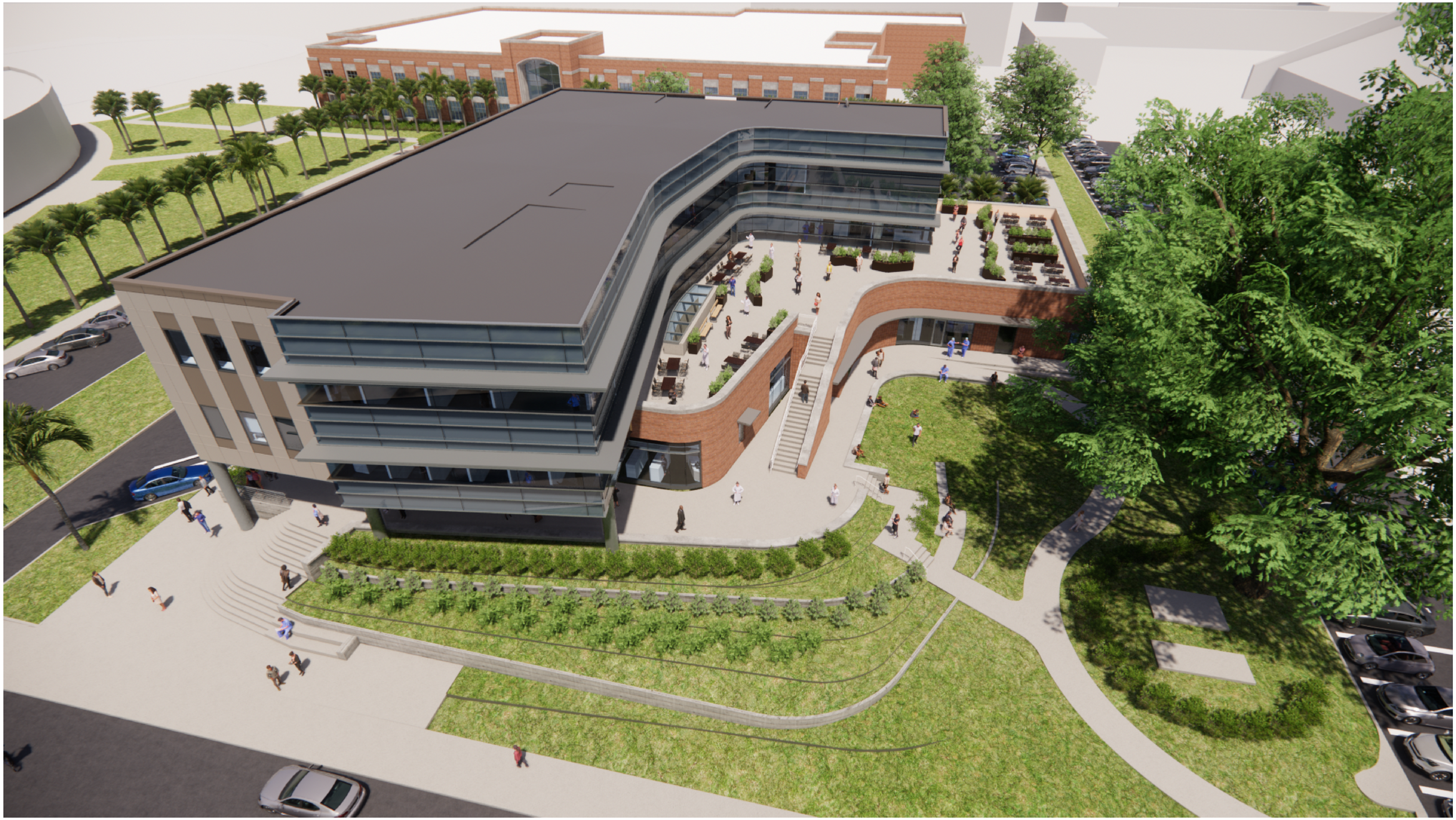
UF-638 STUDENT HEALTHCARE CENTER



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UF-638 STUDENT HEALTHCARE CENTER

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UF-638 STUDENT HEALTHCARE CENTER

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UF-638 STUDENT HEALTHCARE CENTER

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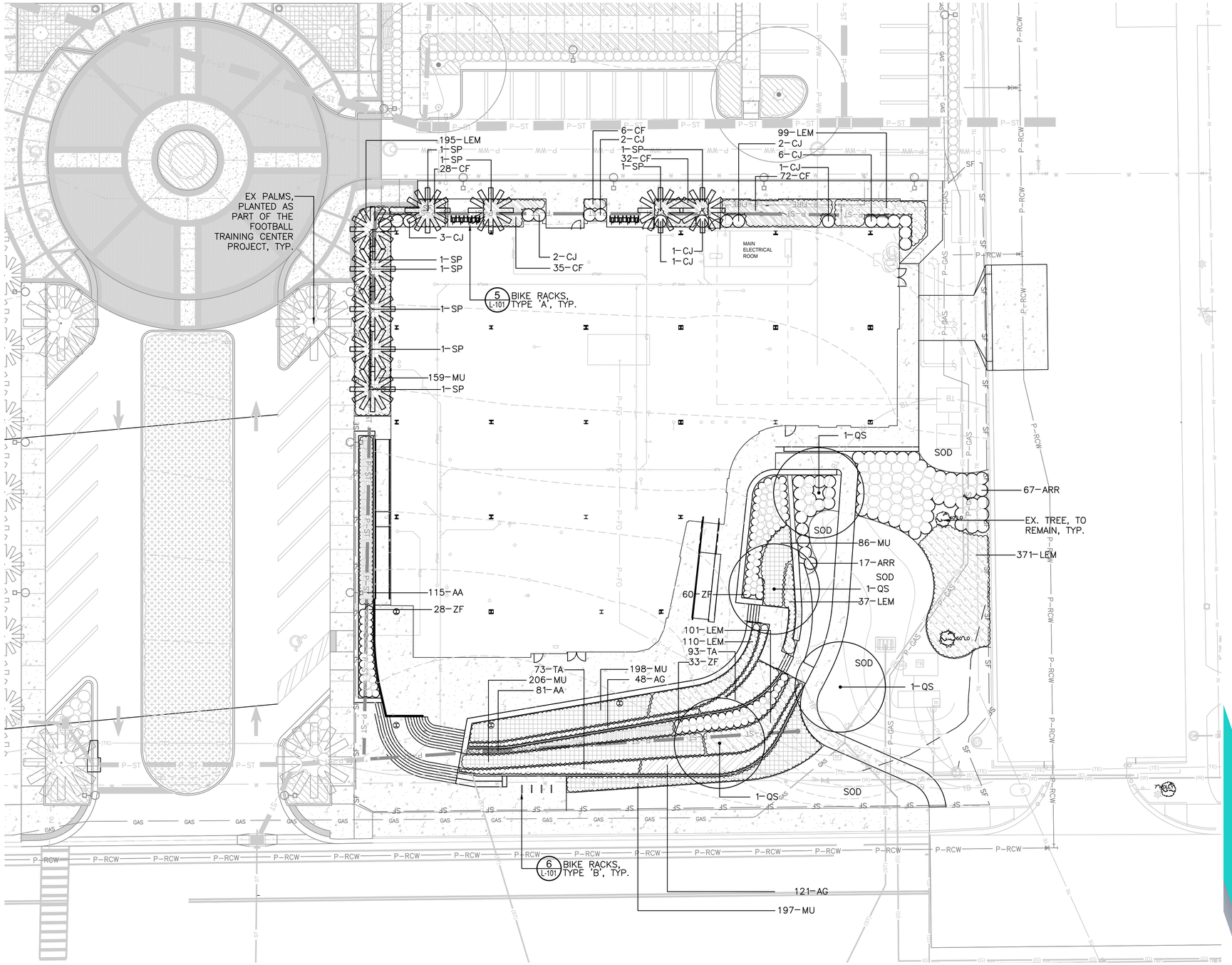
UF-638 STUDENT HEALTHCARE CENTER

Issues from Schematic

- Trees near Stadium Road Utilities



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UNIVERSITY OF FLORIDA

REITZ UNION LAWN INNER ROAD IMPROVEMENTS
UF PROJECT NOS. UF-644, UF-644A, UF-644B

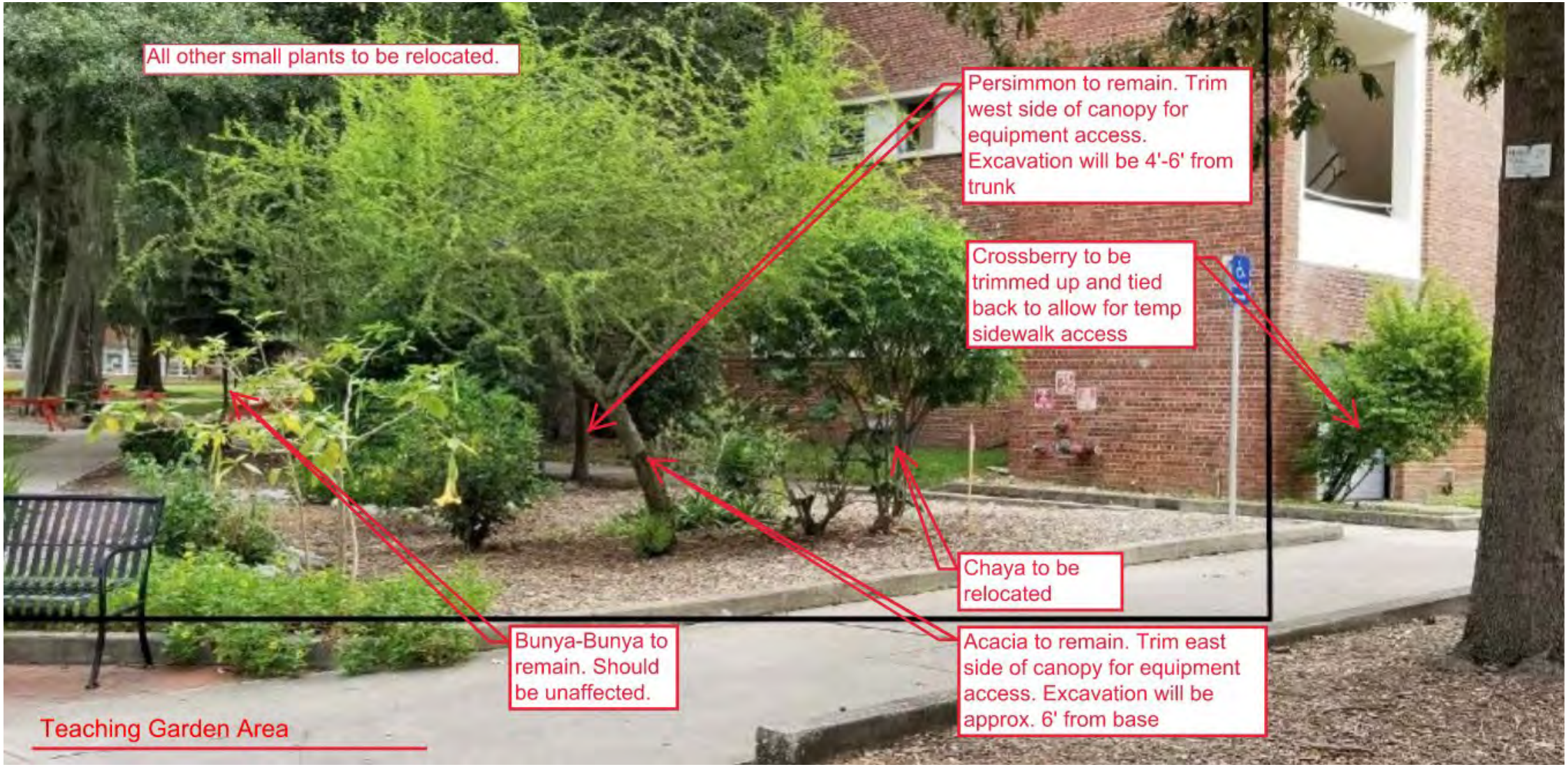
RMF Engineering
Reliability. Efficiency. Integrity.

NOVEMBER 2020

UTILITY SCOPE

MCCARTY CHILLED WATER

TEACHING GARDEN



ARID PLANT TEACHING AREA