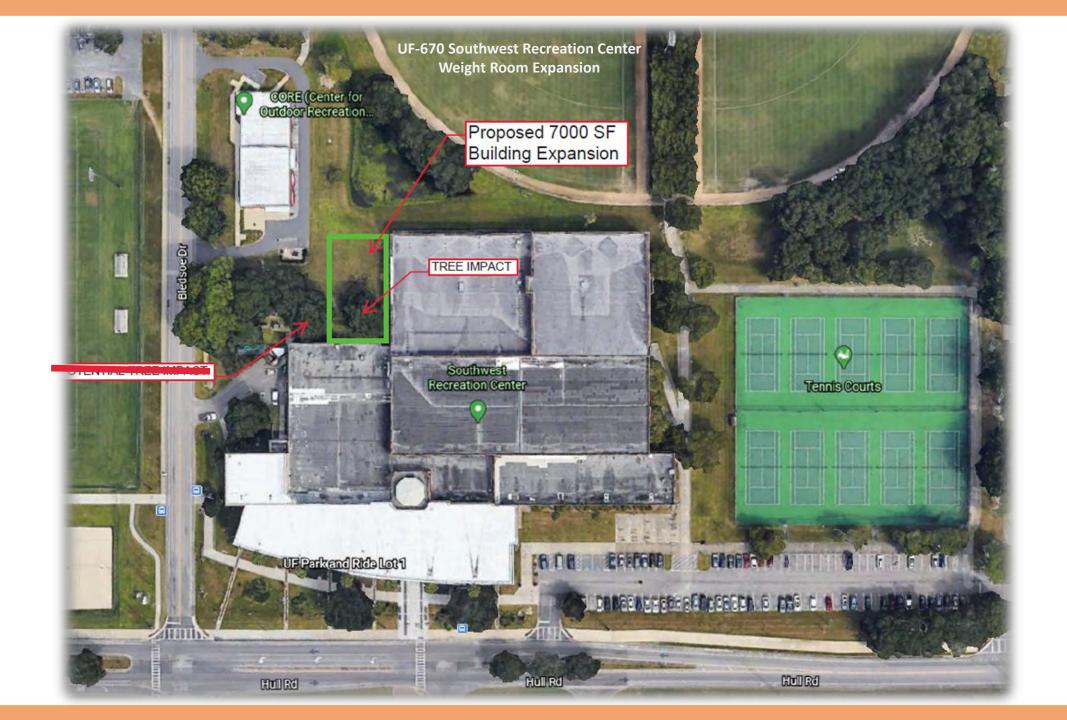
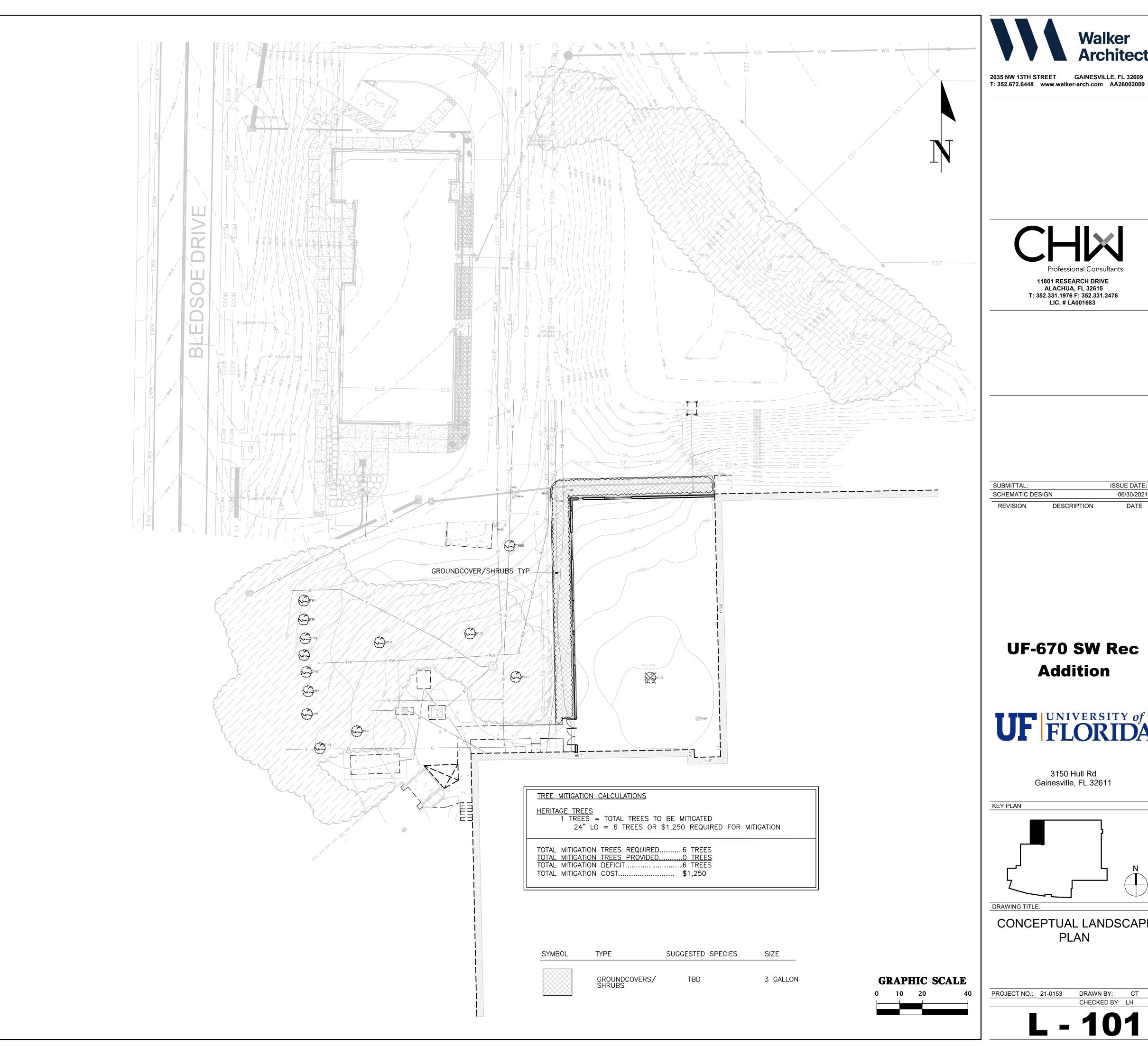
Southwest Recreation Center Weight Room Expansion

UF PROJECT NO: UF-670

UF BUILDING NO: 0316 UNIVERSITY OF FLORIDA 3150 HULL RD GAINESVILLE, FLORIDA 32611









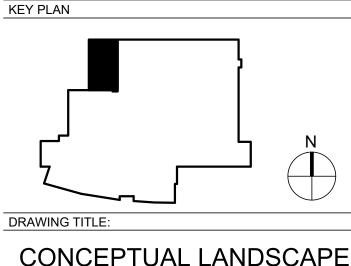


BMITTAL:	ISSUE DATE:	
HEMATIC DES	06/30/2021	
REVISION	DESCRIPTION	DATE

UF-670 SW Rec Addition

UF FLORIDA

3150 Hull Rd Gainesville, FL 32611



CONCEPTUAL LANDSCAPE PLAN

PROJECT NO.: 21-0153 DRAWN BY: CT

CHECKED BY: LH

QUESTIONS?



REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

To:	The LVL Committee	For:	August 12, 2021 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	Cydney McGlothlin, University Architect
REQUESTOR:	DCP	Presenters:	Cydney McGlothlin and User Group

	PHASE:	Committee Responsibilities:	STATUS AND PRIOR COMMENTS:	DATE:
Х	Programming	The committee will review and recommend approval/denial of general site suitability - having evaluated impacts to trees, landscape, natural areas, and lakes.		
	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.		
	DESIGN DEVELOPMENT	The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.		

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-653, Architecture Building Renovation/Remodeling and DCP Collaboratory

SITE:

Existing Architecture Building and the area adjacent. See attached location map.

STATUS:

The project is in the programming phase

OBJECTIVES:

- Approval of site
- Approval for 7-9 trees to be removed

PROJECT PHASE AND PRESENTATION NARRATIVE:

Programming

ENCLOSURES:

- 1. Presentation
- 2. CMP Checklist





FACILITIES PLANNING AND CONSTRUCTION

IITAIKS				1 ACI	LITIESI	LAININI	NG AINL	CONSI	INOCIN	OIN
	Campus Master Plan Checklist									
specified phase. Ch	ULUFPC, LVLC, PHBSC, P&TC Rachel Mandell FROM: UF Project Manager mpleted for the applicable phase at the time that the project is reviewed by committees. Do not mark shaded completed that the projects presented at Design Development have all phase columns complete checklist criteria apply to development on the main campus and, as applicable, on Satellite Properties in Alac	ells in th	e colur	nns be	cause th	ney do r	not appl	& DC y to the hematic	review	at the
					С	OMBIN	F FOR	DESIGN	N-BUII	D
EVALUATION CRITERIA		PROGRAMMING AND SITE SELECTION			SCHEMATIC DESIGN Concept Advanced			DESIGN DEVELOPMENT		
		YES	NO	NA	YES	NO	NA	YES	NO	NA
HAUVEDOLTV I AND II	SE AND FACILITIES PLANNING COMMITTEE (ULUFPC)									
1) The project a (Future Buildi ☑ As prese ☐ With edi	ppears in the Capital Improvements Element, Table 13-1 (Ten-Year Capital Projects List) and Figure 13-1	X								-
a) If "no" o	r with edits: The addition or modification of the project in the CMP can be accomplished as a Minor nent (per UF Operating Memorandum) and without changing the Campus Development Agreement							-	-	-
2) The project is 1.1.2 and 1.1.	consistent with the Future Land Use designation and definition (Figure 2-1, Future Land Use and Policies .8)	Х							-	
UF Ope	he necessary modification to Figure 2-1 (Future Land Use) can be accomplished as a Minor Amendment (per rating Memorandum) and without changing the Campus Development Agreement								-	-
support/clinic Policies 1.1.3 Policy 2.5.4 a		X						-		
The tem Academic/Re	ect is not a temporary building; OR porary building is located in the Surge Area, Energy Park, Physical Plant Division complex, search-Outdoor Future Land Use, or the temporary building supports construction activity (Capital s, Policy 1.1.15)	X			-	-	-	-	-	1
Improvement	onsiders life-cycle costing, pursues principles of sustainable design and/or seeks LEED certification (Capital s, Policy 1.1.14)									
located with r 13 th St), SW 1	footprint, orientation and setback comply with Policy 1.3.1, Urban Design Element because the project is oad frontage along Stadium Rd (Gale Lemerand Dr to Buckman Dr), University Ave (Gale Lemerand Dr to SW 13 th St, Center Drive, Museum Rd (west of Center Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th St), Archer Rd/SW 16 th Ave, or Radio Rd; or other Dr. to SW 13 th SW 18 th Ave, or Radio Rd; or other Dr. to SW 13 th SW 18 th Ave, or Radio Rd; or other Dr. to SW 13 th SW 18 th Ave, or Radio Rd; or other Dr. to SW 13 th SW 18 th Ave, or Radio Rd; or other Dr. to SW 13 th Ave, or Radio Rd; or other Dr. to SW 18 th Ave, or Radio Rd; or other Dr. to SW 18 th Ave, or other Dr. to SW 18 th Ave, or other Dr. to SW 18 th Ave, or other Dr. to SW									

FPC REVISED: DECEMBER 2007

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FACILITIES PLANNING AND CONSTRUCTION

Campus Master Plan Checklist COMBINE FOR DESIGN-BUILD **EVALUATION CRITERIA** PROGRAMMING **SCHEMATIC** DESIGN AND SITE DESIGN DEVELOPMENT **SELECTION** ☐ Concept Advanced NO NA YES NO NA YES YES NO NA 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) 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) 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) 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) 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 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)

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FACILITIES PLANNING AND CONSTRUCTION

Campus Master Plan Checklist COMBINE FOR DESIGN-BUILD **EVALUATION CRITERIA** PROGRAMMING **SCHEMATIC** DESIGN AND SITE DESIGN DEVELOPMENT **SELECTION** ☐ Concept ☐ Advanced 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); The project mitigates the Conservation Future Land Use change per Conservation, Policy 1.4.11 The project (or any associated utilities or infrastructure) is not adjacent to or within a Conservation Future Land Use: 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) 14) The project minimizes impacts and conforms to the intent of the Conservation Area because the project is for new utilities Χ 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 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) 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) 17) The project does not disturb any plants or animals identified as threatened and endangered species or species of Χ 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) 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) 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) The project integrates with existing topography and natural features (Urban Design, Policy 1.3.11)

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FACILITIES PLANNING AND CONSTRUCTION

Campus Master Plan Checklist

								DESIGN-BUILD		
EVALUATION CRITERIA			PROGRAMMING AND SITE			SCHEMATIC DESIGN			DESIGN DEVELOPMENT	
			LECTION		☐ Concept			DEVELOT WENT		
		0			Advanced					
		YES	NO	NA	YES	NO	NA	YES	NO	NA
21)	The project identifies any potential adverse affects, accommodates any increase in volume of runoff over the pre-		Χ							
,	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)									
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)									
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									
0.4\	Stormwater Sub-Element, Policies 1.2.4 and 1.2.5)				.					-
24)		-	-	-						
	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)									
25)	The project satisfies UF Design & Construction Standards for tree protection, removal, relocation and mitigation (<i>Urban</i>				-					
23)	Design, Policies 1.4.9, 1.4.10 and 1.4.12) — Note: LVLC approval recommendation required	-	-	-						
26)	The project satisfies UF Design & Construction Standards for landscaping in parking lots and around buildings, and									
20)	installation is concurrent with the appropriate building construction phase (<i>Urban Design, Policies 1.4.13, 1.4.14</i> and	-	-	-						
	1.4.15) – Note: LVLC approval recommendation required									
	Thirtoy Note: 2720 approval recommendation regulared				l .					
Par	KING AND TRANSPORTATION COMMITTEE (P&TC) - Note: see also #18 and #19 above									
27)			Χ							
	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)									<u> </u>
28)	The project does not result in any significant loss of existing parking; OR	Χ								
	The loss of significant existing parking is mitigated - Note: Parking loss mitigation to be negotiated in consultation with									
20)	the P&TC (Transportation, Policy 2.6.5)									i
29)	The project satisfies UF Design & Construction Standards for bicycle parking including quantity, location and lighting with	-	-	-						1
201	covering as feasible (<i>Transportation, Policy 2.2.6</i>)				-					-
30)	☐ The project provides hot water showers and lockers for use by bicycle commuters; <u>OR</u> ☐ The project demonstrates that hot water showers and lockers are infeasible (<i>Transportation, Policy 2.2.13</i>)	-	-	-						1
31)					-					
31)	by the building construction project (<i>Transportation, Policy 2.6.5</i>)	-								

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UF-653 ARCHITECTURE BUILDING RENOVATION / REMODELING AND DCP COLLABORATORY

Programming August 2021

Existing Architecture Building

- Built in 1979
- There were significant budget cuts from the time of design to construction of the architecture building.
 The scope of work was drastically reduced, and essentially, the occupants moved into a shell of a building.
- Significant water intrusion issues are a result of this incomplete design.
- The building is unacceptable in terms of the Florida Building Code compliance, ADA compliance and Life Safety.







New Building:

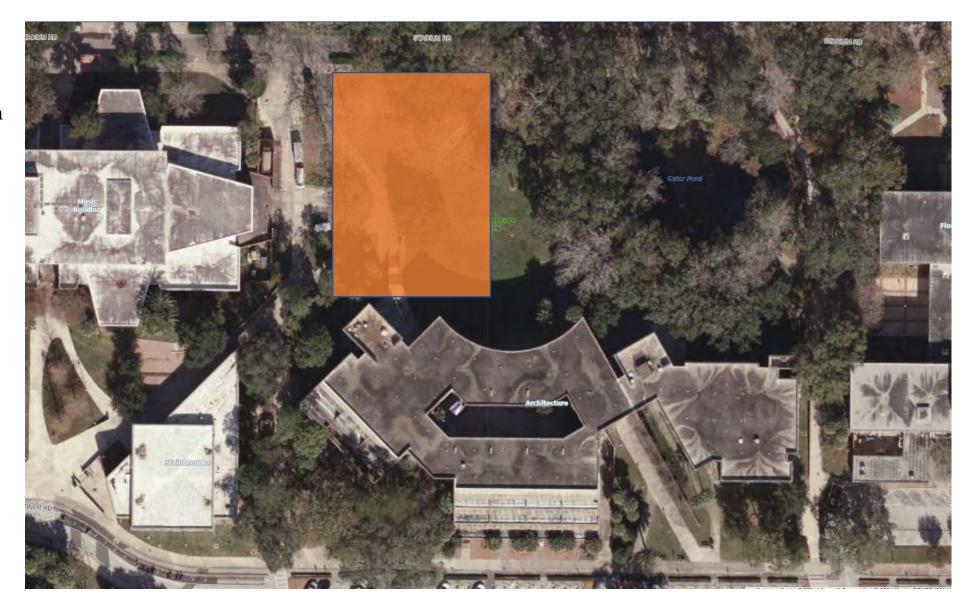
- May be an addition or connected with covered walkway
- Respecting conservation
- Most likely 3 stories

Program:

- 54,800 GSF
- Research Labs
- Digital Modeling
- Fabrication Space
- Teaching Space
- Creative Commons

Schedule:

- Program approval
- Design team selection begins in August
- Construction in 2023



Potential Tree Impacts:

- There are 7 trees that will be impacted
- There are an additional 2 trees that might be impacted



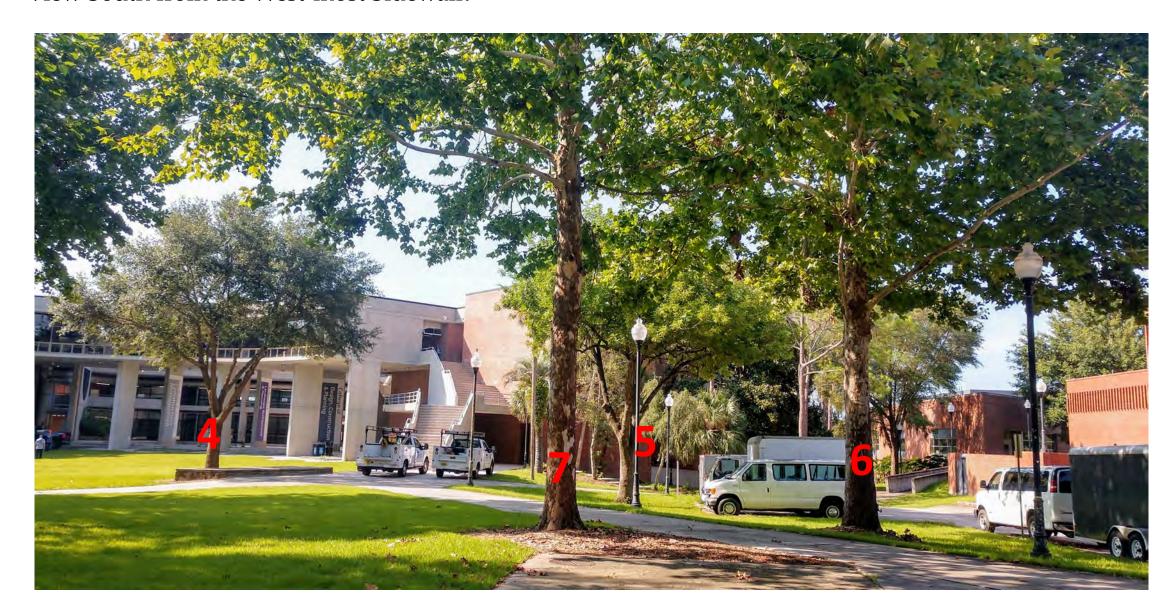
View South from the East-most Sidewalk



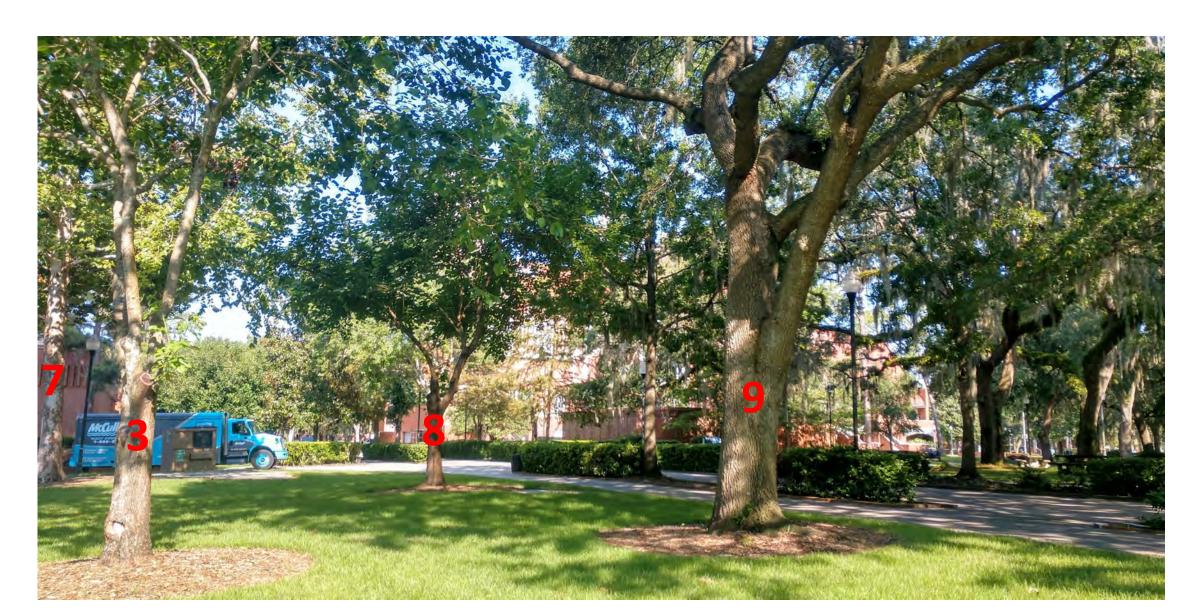
View West from the East-most Sidewalk



View South from the West-most Sidewalk



View Northwest









7 Trees To Be Removed (trees #6 and #7 are likely Heritage)











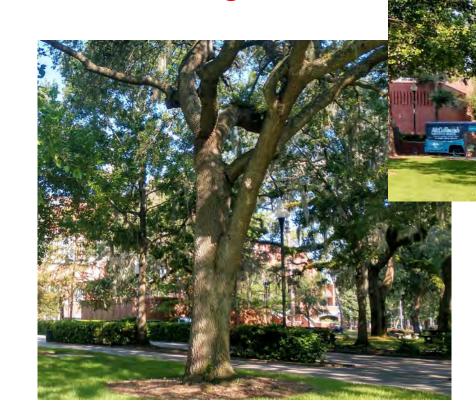
2 Trees To Likely Remain

Heritage Magnolia

- 1



Heritage Live Oak



Parking Impacts:

- There are 4 parking spots at the Music Building
- We may need to rework them, but am not planning on removing any

Sidewalk Impacts:

 The angled sidewalk will be impacted



MP06556 Lake Wauburg North Shore - Waterfront Equipment Building LAKES, VEGETATION AND LANDSCAPING COMMITTEE PRESENTATION - AUGUST 12, 2021







MP06556 Lake Wauburg North Shore - Waterfront Equipment Building

Context Map







LVL MOTION FROM JULY 8, 2021:

Approve the tree preservation and mitigation summary as presented and come back to the committee with ideas around stormwater mitigation that might include expanding the swale or other forms of material.



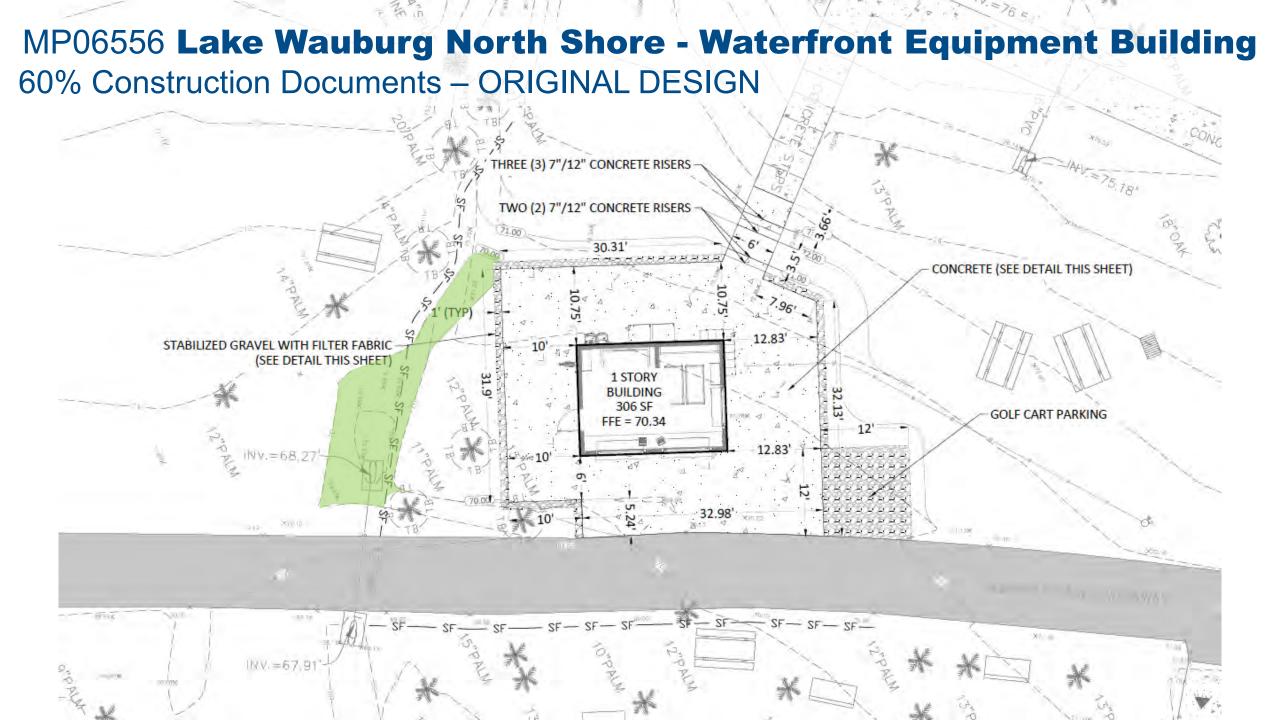
MP06556 Lake Wauburg North Shore - Waterfront Equipment Building

Design team considered use of pervious hardscape materials but declined to recommend based on the following:

- Existing water table due to proximity to Lake Wauburg.
 Geotechnical report estimates groundwater to perch up to ±2.5' below grade after periods of intense or seasonal rainfall.
- Existing hillside seepage issues.
- Upfront costs. Pervious concrete and pavers approximately double costs.
- Ongoing maintenance costs of cleaning & vacuuming pervious materials to ensure functionality.







MP06556 Lake Wauburg North Shore - Waterfront Equipment Building 100% Construction Documents + BioSwale Concept – NEW DESIGN Treatment Area = ADDITIONAL 500 Cu.Ft. of VOLUME + NATIVE PLANTINGS Sod Slope THREE (3) 7"/12" CONCRETE RISERS CONCRETE (SEE DETAIL THIS SHEET)



MP06556 Lake Wauburg North Shore - Waterfront Equipment Building LAKES, VEGETATION AND LANDSCAPING COMMITTEE PRESENTATION - AUGUST 12, 2021







Landscape Master Plan Amendments (Section 7) - LVL 8/12

Issue Proposed Amendment

No Fencing standard that incorporates brick columns. (Section 1.9, page 159).

No standard for landscape bed protection fencing/post and chain fencing.

Add standards to allow this type of fencing:



Precincts: 1, S.1, 2

Column Base:

Manufacturer: Cherokee Brick

(904) 262-5280

www.cherokeebrick.com Brick: 3 5/8" x 2 1/4" x 7 5/8"

Wall Height: Varies to match fencing height

Material: Clay

Color & Pattern: Red flashed range; running bond

Column Cap:

Manufacturer: Cherokee Brick

(904) 262-5280

www.cherokeebrick.com

Material: Clay

Cap: Cast concrete cap; limestone

Bike Accessories (Section 2.7, pg. 167)

The Circle Bike Rack (Image below) is not SITES compliant.

Existing Peak racks do not fit the standard tire size for electric bikes.



BIKE RACK

Manufacturer: Anova
Style: Circle Bike Rack / CIRCLEBRS2
Material: Stainless Steel
Base: Surface mount
Precinct: 3, 4



Precincts 1 and S.1 Details TBD.

Remove Circle rack and replace with silver Peak Rack with wider tire slots to maintain an option for Precincts 3 and 4.



Hardscape Standards (Hardscape section 1.1, pg. 150): and Bike/Pedestrian Ways (Section 1.2, pg. 153)



CONCRETE

Material: All concrete sidewalks shall be a minimum of

6-inches thick, reinforced with fiber or wire mesh conforming under the current American Concrete

Institute standards

Finish: Floated and troweled with medium broom finish

Color & Pattern: Uncolored

Saw-cut to squared relief. All plans shall indicate Control Jts:

control joint locations

Shall be in accodance with current ANSI and ASTM Expansion Jts:

Precinct: All precincts



COLORED CONCRETE

See CONCRETE (above) for material Material:

specifications

Finish: Floated and troweled; finish may vary upon

approval

Control Joints: All plans shall indicate control joint locations. Shall be in accodance with current ANSI and Expansion Jts:

Precinct:

Note:

Avoid the use of colored concrete above underground utilities, given the difficulties inherent in color matching.



SHARED-USE PATH - PERVIOUS ASPHALT

Shared-use paths should be designed in accordance with the latest edition of the "Florida Greenbook," Specifications:

issused by the Florida Department of Transportation and the "Guide for the Development of Bicycle Facilities" published by the American Association of State Highway Officials (AASHTO).

Width: 10' min. 12-20' preferred depending on volumes and mix of bike/ped

Pervious Asphalt

1 1/4" minimum thickness asphalt on minimum 4"

limerock or crushed concrete base.

Color: As shown 1, 2, 3, 4 Precinct:

Material:



SHARED-USE PATH - CONCRETE; W/ DIVIDER

Shared-use paths should be designed in accordance with the latest edition of the "Florida Greenbook," Specifications:

issused by the Florida Department of Transportation and the "Guide for the Development of Bicycle Facilities" published by the American Association of State Highway Officials (AASHTO).

Width 10' min. 12-20' preferred depending on volumes and mix of bike/ped

Material:

Minimum 6-inches thick concrete slab with fiber or

wire mesh reinforcement

Color:

Precinct:

1, S.1, all other locations where the bike/pedestrian way is shared with vehicles such as a service drive.

Remove 'Material' section from Concrete and Colored Concrete and 'Base' section from Shared-Use paths. Refer to Division 32 of the UF Design and Construction Standards.

There is currently not a gateway standard for major vehicular campus entries on major roads (ex. Archer Rd).



- Museum Road at SW 13th Street
- · Newell Drive at SW Archer Road
- · Gale Lemerand Drive at SW Archer Road



Add a 'Major Vehicular Gateway' standard.

Precincts: 1,2,3 & 4

Consistent with existing vehicular gateway design except for 1) adding brushed aluminum lettering consistent with the UF Design & Construction Standards and 2) up-lighting on the sign.



Root Barrier (Section 1.11, pg. 160)

Remove model number & replace with product details. Add a note that says, 'or equivalent'.



Bollards in Dumpster Areas (Section 2.8, pg., 168)

Manufacturer: Citygreen

(888) 999-3990

www.citygreen.com

- Thickness of 1000g/m2 or 1mm.
- Made from 100% recycled HDPE

ΑII Precinct:

*Or Equivalent

Write an exception for bollards located in back-of-house areas

*Bollards located in out-of-site dumpster or service areas are not subject to the decorative bollards on this page.

*Discussion Item

Memorials (Section 2.9, pg. 169)



MEMORIAL

 Specifications:
 $24" \times 24" \times 27"$

 Brick:
 $3^5/_g" \times 7^5/_g" \times 2^1/_a"$

 Manufacturer:
 Cherokee Brick (904) 262-5280

www.cherokeebrick.com Material: Brick, Concrete, Bronze

Precinct: 1, S.1, 2

Add a note regulating the location of memorials to be within landscape beds or tree rings.

Maintenance concerns

*Discussion Item

Pollinator Plants

Are there any plant species that should be added to or removed from the plant palettes?

Analysis of plants within the Landscape Master Plan Plant Palettes

 $\underline{https://gardeningsolutions.ifas.ufl.edu/plants/trees-and-shrubs/trees/}$

https://gardeningsolutions.ifas.ufl.edu/plants/trees-and-shrubs/shrubs/

https://gardeningsolutions.ifas.ufl.edu/plants/trees-and-shrubs/palms-and-cycads/

 $\underline{https://gardeningsolutions.ifas.ufl.edu/design/gardening-with-wildlife/bee-plants.html}$