

REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

To:	The LVL Committee	FOR:	14 April 2022 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	Cydney McGlothlin, University Architect
REQUESTOR:	PDC	PRESENTERS:	Cydney McGlothlin

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>		
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>		

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-626, New Conference Center at the University House

SITE:
. See attached location map.

STATUS:
Program and site selection

OBJECTIVES:

- Site approval

PROJECT PHASE AND PRESENTATION NARRATIVE:

Programming

ENCLOSURES:

1. Presentation
2. CMP Checklist

UF-626

New Conference Center at the University House

Programming / Site Selection

Cydney McGlothlin

April 2022

UF-626 New Conference Center at the University House Project Overview & Existing site



Purpose: to create meeting space on campus that is welcoming, barrier free, and can be used for multiple events

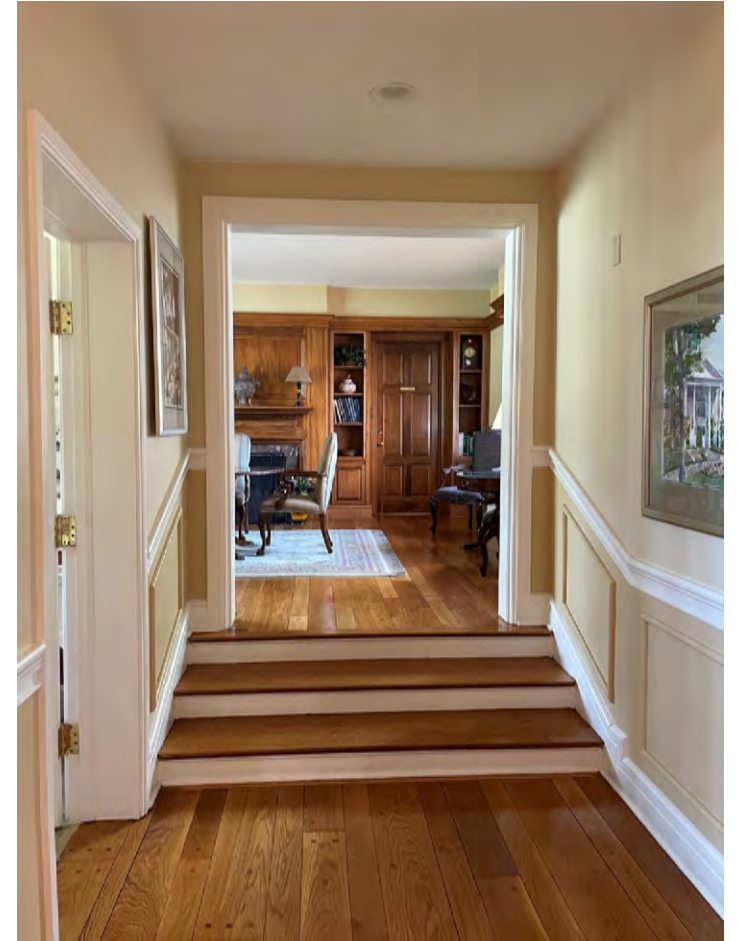
Size: ~ 20,000 GSF (including a small pavilion)

Adjacent buildings/uses: this site is bounded by University Avenue and SW 2nd Avenue with President's Park behind. Across 2nd are UAA fields and the indoor football training with current parking at the O'Connell parking lot.

UF-626 New Conference Center at the University House
Existing site: Building challenges

Existing Building Challenges:

- ADA Accessibility
- Adequate indoor meeting space
- Catering kitchen



UF-626 New Conference Center at the University House
Existing site: Site challenges



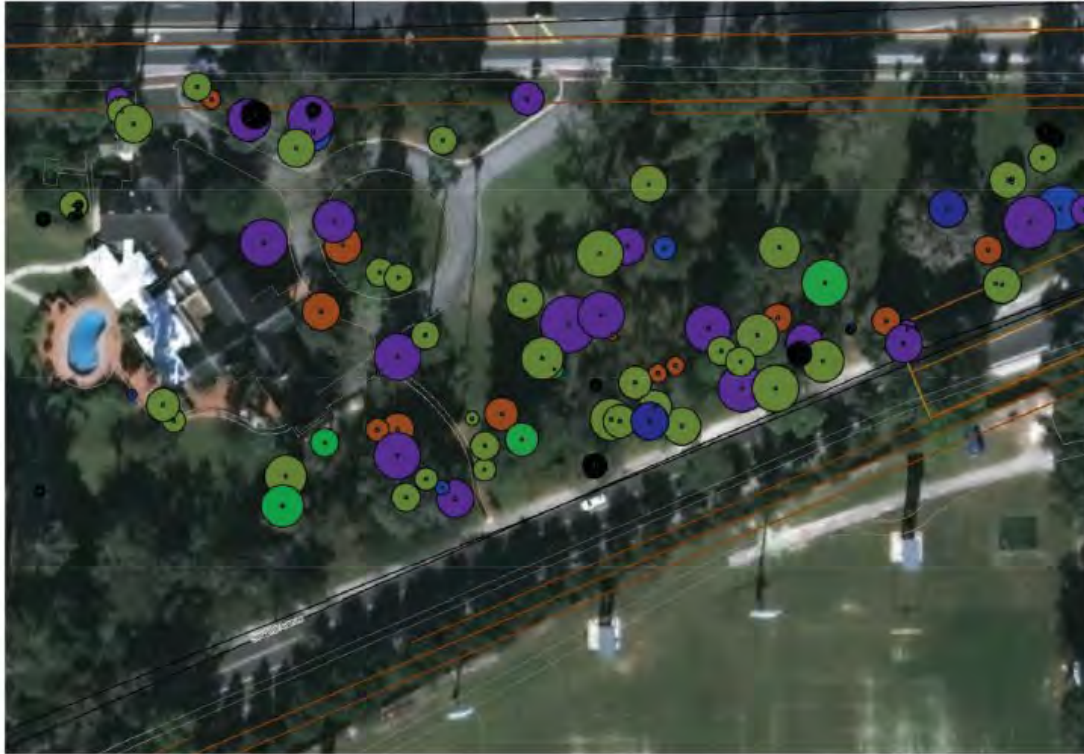
Existing Site Challenges:

- Parking
- Vehicular ingress/egress
- Pedestrian safety accessing building
- ADA Accessibility



FOLIAGE TO CONSIDER

Important Tree Parameters: 20" diameter at breast height

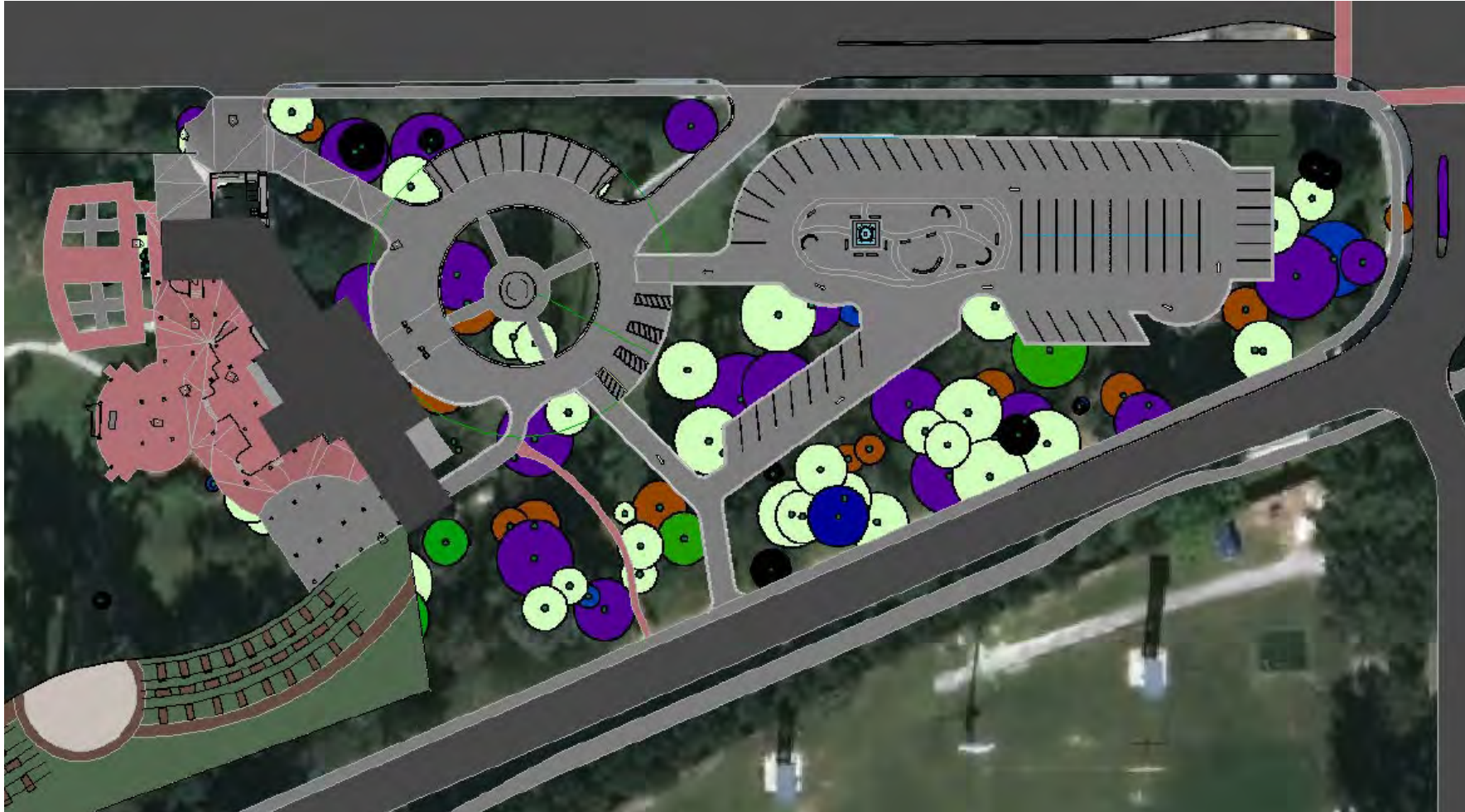


-  Red Oak: Have sensitive root systems. Divert parking/driving away from drip-line.
-  Long leaf Pine: Sensitive topic in Gville
-  Pecan Tree
-  Sycamore Tree
-  Magnolia Tree
-  Unknown Species Tree

This graphic was presented back in 2017 when we explored renovating/adding onto the existing building to meet the programmatic needs.

This tree survey was done in house and trees may have changed – but it gives a rough idea of existing trees

UF-626 New Conference Center at the University House
2017 Committee presentation for site and overflow parking



This graphic was presented back in 2017 when we explored renovating/adding onto the existing building to meet the programmatic needs.

The graphic is to show intent on how we might explore adding parking to the site among the existing trees in a sustainable manner. This is not the proposed parking plan.

The proposed overflow parking is intended to use green pavers or some other sustainable material.

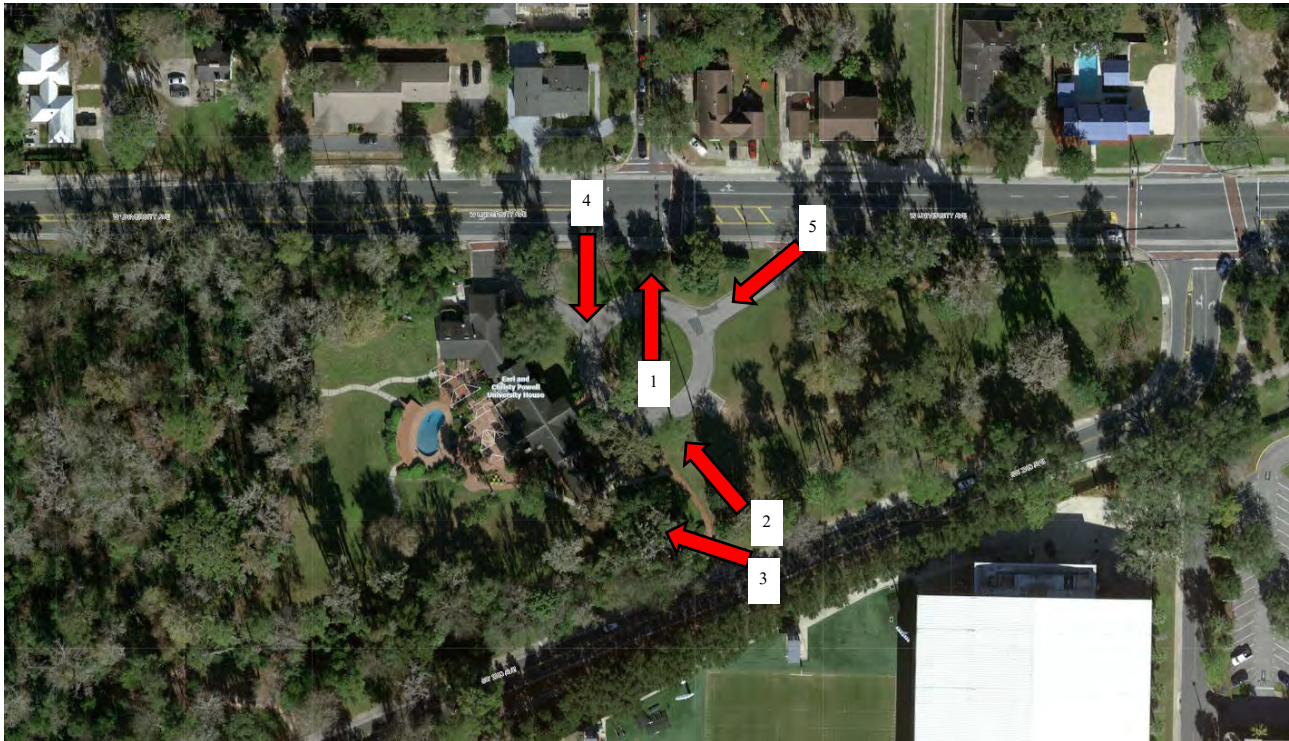
The program is written to create a park like setting around the building

UF-626 New Conference Center at the University House 2022 existing trees



Potential Impacts:

- Unknown at this time – the first phase will look at the best location to site the building
- We do know that trees at the new vehicular entrance from University will impact trees.



UF-626 New Conference Center at the University House
2022 site planning



2022 site intentions:

- Create a new primary access point from the stoplight at NW 22nd Street
- Create a park like setting where people may want to visit
- Create a new service access point from SW 2nd Avenue

Potential tree impacts:

- Unknown at this time – the first phase will look at the best location to site the building
- We do know that trees at the new vehicular entrance from University will impact trees.

Today's request:

- Site and program approval as presented

Campus Master Plan Checklist

TO: ULUFPC, LVLC, PHBSC, P&TC **DATE:** _____ **PROJECT:** UF-626
Prepared by: Rachel Mandell, Senior Planner **FROM:** 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	COMBINE FOR DESIGN-BUILD										
	PROGRAMMING AND SITE SELECTION			SCHEMATIC DESIGN			DESIGN DEVELOPMENT				
	YES	NO	NA	<input type="checkbox"/> Concept	<input type="checkbox"/> Advanced	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) <input checked="" type="checkbox"/> As presented in the adopted Campus Master Plan <input type="checkbox"/> With edits to Table 13-1 to modify the project GSF or description <input type="checkbox"/> With edits to Figure 13-1 to modify or assign the project site	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								
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										
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								
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										
4) <input checked="" type="checkbox"/> The project is not a temporary building; OR <input type="checkbox"/> 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										
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 13 th St), 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 within new centers of development (i.e. near Orthopaedics & Sports Med, Cultural Plaza, Southwest Recreation, and near Fifield Hall)	X										

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD							
	YES	NO	NA	SCHEMATIC DESIGN			DESIGN DEVELOPMENT				
				<input type="checkbox"/> Concept <input type="checkbox"/> Advanced	YES	NO	NA	YES	NO	NA	
7) The project is a minimum of 3-stories; <u>OR</u> the project demonstrates unique programmatic, functional or code requirements that dictate a variance from the 3-story minimum; <u>OR</u> 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) (<i>Urban Design, Policy 1.3.4 through 1.3.10</i>); <u>OR</u> the project meets guidance for building height and design of housing facilities (<i>Housing, Policy 1.3.2</i>)	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 2 nd Ave, SW 13 th St, Archer Rd, and SW 34 th St)	-	-	-								
9) <input type="checkbox"/> The project includes exterior public art; - Note: LVLC and PHBSC (if applicable) approval recommendation required <u>OR</u> <input type="checkbox"/> The project demonstrates that exterior installation of public art is infeasible or undesirable (<i>Urban Design, Policies 1.6.2, 1.6.3 and 1.6.4</i>)	-	-	-								
10) Utilities and associated support structures are installed underground or are appropriately screened from view by decorative architectural walls or landscaping (<i>Electric Power and Other Fuels Sub-Element, Policy 2.1.7 and 2.1.8</i>)	-	-	-								
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 <input type="checkbox"/> The site is located adjacent to an Archaeological Site or within an Archaeological Sensitivity Zone (<i>Urban Design, Policy 1.7.1</i>); <u>AND/OR</u> <input type="checkbox"/> 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; <u>AND/OR</u> <input checked="" type="checkbox"/> The project includes renovation, rehabilitation, restoration or demolition of an existing structure that meets the definition of "historic property" described in Policy 1.5.4 of the Urban Element		X									
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 (<i>Urban Design, Policy 1.7.2</i>); with a building height between 2 and 5 stories not to exceed the height of existing historically significant buildings in close proximity (<i>Urban Design, Policy 1.3.7</i>)			X								

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD						
	YES	NO	NA	SCHEMATIC DESIGN			DESIGN DEVELOPMENT			
				<input type="checkbox"/> Concept	<input type="checkbox"/> Advanced	YES	NO	NA	YES	NO
LAKES, VEGETATION AND LANDSCAPING COMMITTEE (LVLC) – Note: see also #8 above										
12) <input checked="" type="checkbox"/> The project does not reduce the size of an area in the Conservation Future Land Use (Figure 2-1, Future Land Use); <u>OR</u> <input type="checkbox"/> The project mitigates the Conservation Future Land Use change per Conservation, Policy 1.4.11	X									
13) <input type="checkbox"/> The project (or any associated utilities or infrastructure) is not adjacent to or within a Conservation Future Land Use; <u>OR</u> <input checked="" type="checkbox"/> 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 (<i>Conservation Element, 1.1.4</i>)	X									
14) The project minimizes impacts <u>and</u> 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 (<i>Conservation, Policies 1.4.8, 1.4.9 and 1.4.10</i>) – <i>Note: LVLC approval recommendation required</i>			X							
15) <input type="checkbox"/> The project is not within 50-feet of a wetland; <u>OR</u> <input checked="" type="checkbox"/> The project within 50-feet of a wetland minimizes impacts to wetlands and the required wetland buffers; <u>and</u> provides a minimum 35-foot setback and average 50-foot setback; <u>and</u> uses only native plants in a naturalistic landscape design within wetland buffers (<i>Conservation, Policies 1.2.1, 1.2.2, 1.2.3, 1.2.4, and 1.2.5</i>)	X									
16) <input type="checkbox"/> The project is not within the 100-year floodplain; <u>OR</u> <input checked="" type="checkbox"/> The project within the 100-year floodplain addresses building elevation, compensating storage and off-site mitigation (<i>Conservation, Policy 1.2.6</i>)	X									
17) <input checked="" type="checkbox"/> 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; <u>OR</u> <input type="checkbox"/> The project inventories such species and develops protection or relocation plans in coordination with appropriate local, state and federal agencies (<i>Conservation, Policies 1.3.2 and 1.3.3</i>)	X									
18) <input checked="" type="checkbox"/> The project site does not impact an Open Space Connection identified in Figure 1-4, Urban Design Element ; <u>OR</u> <input type="checkbox"/> The project maintains, enhances or satisfactorily realigns the open space connection (<i>Urban Design, Policies 1.2.4 and 1.3.2; and Transportation, Policy 2.2.5</i>)	X									
19) <input type="checkbox"/> The project site is not within or adjacent to an Open Space Enhancement Priority area identified in Figure 1-5, Urban Design Element; <u>OR</u> <input checked="" type="checkbox"/> The project provides appropriate landscaping, hardscaping, and bicycle/pedestrian open space enhancement for the related Open Space Enhancement Priority area (<i>Urban Design, Policy 1.4.2</i>)	X									
20) The project integrates with existing topography and natural features (<i>Urban Design, Policy 1.2.7</i>)	X									

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD									
	YES	NO	NA	SCHEMATIC DESIGN			DESIGN DEVELOPMENT						
				<input type="checkbox"/> Concept	<input type="checkbox"/> Advanced	YES	NO	NA	YES	NO	NA		
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 (<i>General Infrastructure Stormwater Sub-Element, Policy 1.3.5</i>)	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 (<i>Urban Design, Policies 1.3.3 and 1.4.1</i>)	-	-	-										
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 (<i>General Infrastructure Stormwater Sub-Element, Policies 1.2.4 and 1.2.5</i>)	-	-	-										
24) The project incorporates Best Management Practices and Low Impact Development design to address stormwater quality and quantity including pollutants, erosion and sedimentation (<i>General Infrastructure Stormwater Sub-Element Policies 1.3.2, 1.3.3, 1.3.4 and 1.4.1</i>)	-	-	-										
25) The project satisfies UF Design & Construction Standards for tree protection, removal, relocation and mitigation (<i>Urban Design, Policies 1.4.9, 1.4.10 and 1.4.12</i>) – Note: LVLC approval recommendation required	-	-	-										
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 (<i>Urban Design, Policies 1.4.13, 1.4.14 and 1.4.15</i>) – Note: LVLC approval recommendation required	-	-	-										
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 (<i>Transportation, Policy 1.2.2 and 1.2.3</i>)			X										
28) <input checked="" type="checkbox"/> The project does not result in any significant loss of existing parking; <u>OR</u> <input type="checkbox"/> The loss of significant existing parking is mitigated - Note: Parking loss mitigation to be negotiated in consultation with the P&TC (<i>Transportation, Policy 2.6.5</i>)	X												
29) The project satisfies UF Design & Construction Standards for bicycle parking including quantity, location and lighting with covering as feasible (<i>Transportation, Policy 2.2.6</i>)	-	-	-										
30) <input type="checkbox"/> The project provides hot water showers and lockers for use by bicycle commuters; <u>OR</u> <input type="checkbox"/> The project demonstrates that hot water showers and lockers are infeasible (<i>Transportation, Policy 2.2.13</i>)	-	-	-										
31) The project provides adequate parking to meet the needs of disabled persons, service and delivery vehicles necessitated by the building construction project (<i>Transportation, Policy 2.6.5</i>)	-	-	-										

REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

TO:	The LVL Committee	FOR:	04/14/22 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	James Vignola, PD&C Project Manager
REQUESTOR:	UF Planning / PD&C	PRESENTERS:	James Vignola, PDC Project Manager and Jeremy Marquis, RLA (Consultant, ML+H)

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>	N/A. Priority item #12 of UF LMP.	Oct. 2018
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>	ASD Approved • Continue discussion with Astronomy to ensure lighting meets their needs • Consider shade plantings for Outdoor Classroom (currently doesn't appear usable in summer) • Reach out to Jason Smith about potential saplings for Sycamore "Moon Trees" • A number of folks: Appreciate effort to save existing vegetation, relocate existing palms, and adequately replace plantings	Jan 2022
DESIGN DEVELOPMENT	<i>The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.</i>	Pending. Today's review.	April 2022

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:
Project #MP06934 , LMP Shared Use Path at Physics

SITE:
This path section is the east-west Connector path from Garage V and Gale Lemerand to the southwest corner of the DSIT site. The path is north of the Water Reclamation plant and crosses and active loading dock area at Physics.. See attached location map.

STATUS:
This project is interconnected with the new DSIT project and is aiming for completion at a similar time. The project is currently in DD. Note that user groups from Physics and the WWTP have been consulted on site and limited coordination with Astronomy has occurred. Additional coordination continuing in March and April.

- OBJECTIVES:**
- Review of detailed landscape plan and tree protection.
 - DD approval

PROJECT PHASE AND PRESENTATION NARRATIVE:
Schematic Design (ASD)

The shared use path is given priority in this corridor, connecting from Parking Garage V (on the west, across Gale Lemerand) to the new DSIT on the northeast. Large trees, particularly the oaks, are avoided.

Twenty-three (23) trees are to be removed / relocated: nine (9) hardwoods (canopy and understory) and fourteen (14) palms (12 cabbage palms; 2 European Fan Palms). Smaller trees (mostly 7-8" caliper trees) are removed with the largest hardwoods being a 10" tree and 14" pine to allow for accessibility for the WWTP turn around. We currently plan to relocate the cabbage palms. No heritage trees are removed.

For the eleven trees (2 palms + 9 hardwoods), we need a 2:1 replacement for a total of **22 trees**. Our plans currently show **25 trees with eight (8) sycamore seedlings**. Note that this turn around prevents vehicles from crossing the path, as occurs today. A total of twenty five (25) new hardwoods (Magnolias and Bald Cypress) are being planted. It is suggested that eight (8) seedlings from the Moon Tree (the Sycamore that was planted from a seed that spent 2 weeks in space) be used to play off the adjacent Astronomy lawn. **Since the ASD submittal, follow up has been held with Dr. Jason Smith**, who is propagating the "Moon Tree" saplings.

The full landscape plan reflects the approved plant species in the Landscape Master Plan. Additionally, the plan incorporates feedback from Anne C.Cox, PhD, Plant Ecologist and President of Ecolo-G, Inc. Dr. Cox was the former president of the Florida Native Plant Society. A large majority of the plants are native and appropriate for the mixture of full shade and full sun along the pathway.

See DD submittal.

ENCLOSURES:

1. CMP Checklist
2. Presentation Set

Campus Master Plan Checklist

To: ULUFPC, LVLC, P&TC DATE: Mar 17, 2022 PROJECT: MP06934 / LMP Shared Use Path at Physics
 Prepared by: J.V., Chk'd by R.C.M. (Prog'g), JV (ASD,(DD) FROM: James 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	COMBINE FOR DESIGN-BUILD								
	PROGRAMMING AND SITE SELECTION			SCHEMATIC DESIGN <input type="checkbox"/> Concept <input checked="" type="checkbox"/> Advanced			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) <input type="checkbox"/> As presented in the adopted Campus Master Plan <input type="checkbox"/> With edits to Table 13-1 to modify the project GSF or description <input type="checkbox"/> With edits to Figure 13-1 to modify or assign the project site			X			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	-	-	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	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			X	-	-
4) <input type="checkbox"/> The project is not a temporary building; OR <input type="checkbox"/> 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	-	-	-	-	-	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 13 th St), 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 within new centers of development (i.e. near Orthopaedics & Sports Med, Cultural Plaza, Southwest Recreation, and near Fifield Hall)			X			X			X

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD					
				SCHEMATIC DESIGN <input type="checkbox"/> Concept <input checked="" type="checkbox"/> Advanced			DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
7) The project is a minimum of 3-stories; <u>OR</u> the project demonstrates unique programmatic, functional or code requirements that dictate a variance from the 3-story minimum; <u>OR</u> 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) (<i>Urban Design, Policy 1.3.4 through 1.3.10</i>); <u>OR</u> the project meets guidance for building height and design of housing facilities (<i>Housing, Policy 1.3.2</i>)			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 2 nd Ave, SW 13 th St, Archer Rd, and SW 34 th St)	-	-	-			X			X
9) <input type="checkbox"/> The project includes exterior public art; - <i>Note: LVLC and PHBSC (if applicable) approval recommendation required</i> <u>OR</u> <input checked="" type="checkbox"/> The project demonstrates that exterior installation of public art is infeasible or undesirable (<i>Urban Design, Policies 1.6.2, 1.6.3 and 1.6.4</i>)	-	-	-			X			X
10) Utilities and associated support structures are installed underground or are appropriately screened from view by decorative architectural walls or landscaping (<i>Electric Power and Other Fuels Sub-Element, Policy 2.1.7 and 2.1.8</i>)	-	-	-	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 <input type="checkbox"/> The site is located adjacent to an Archaeological Site or within an Archaeological Sensitivity Zone (<i>Urban Design, Policy 1.7.1</i>); <u>AND/OR</u> <input type="checkbox"/> 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; <u>AND/OR</u> <input type="checkbox"/> 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
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 (<i>Urban Design, Policy 1.7.2</i>); with a building height between 2 and 5 stories not to exceed the height of existing historically significant buildings in close proximity (<i>Urban Design, Policy 1.3.7</i>)			X			X			X

Campus Master Plan Checklist

EVALUATION CRITERIA	COMBINE FOR DESIGN-BUILD									
	PROGRAMMING AND SITE SELECTION			SCHEMATIC DESIGN <input type="checkbox"/> Concept <input checked="" type="checkbox"/> Advanced			DESIGN DEVELOPMENT			
	YES	NO	NA	YES	NO	NA	YES	NO	NA	
LAKES, VEGETATION AND LANDSCAPING COMMITTEE (LVLC) – Note: see also #8 above										
12) <input checked="" type="checkbox"/> The project does not reduce the size of an area in the Conservation Future Land Use (Figure 2-1, Future Land Use); <u>OR</u> <input type="checkbox"/> The project mitigates the Conservation Future Land Use change per Conservation, Policy 1.4.11	X			X				X		
13) <input type="checkbox"/> The project (or any associated utilities or infrastructure) is not adjacent to or within a Conservation Future Land Use; <u>OR</u> <input checked="" type="checkbox"/> 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 (<i>Conservation Element, 1.1.4</i>)	X			X Adjacent and Compliant				X		
14) The project minimizes impacts <u>and</u> 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 (<i>Conservation, Policies 1.4.8, 1.4.9 and 1.4.10</i>) – <i>Note: LVLC approval recommendation required</i>	X			X				X		
15) <input type="checkbox"/> The project is not within 50-feet of a wetland; <u>OR</u> <input checked="" type="checkbox"/> The project within 50-feet of a wetland minimizes impacts to wetlands and the required wetland buffers; <u>and</u> provides a minimum 35-foot setback and average 50-foot setback; <u>and</u> uses only native plants in a naturalistic landscape design within wetland buffers (<i>Conservation, Policies 1.2.1, 1.2.2, 1.2.3, 1.2.4, and 1.2.5</i>)	X			X Along WWTP				X		
16) <input type="checkbox"/> The project is not within the 100-year floodplain; <u>OR</u> <input checked="" type="checkbox"/> The project within the 100-year floodplain addresses building elevation, compensating storage and off-site mitigation (<i>Conservation, Policy 1.2.6</i>)		X				X			X	
17) <input checked="" type="checkbox"/> 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; <u>OR</u> <input type="checkbox"/> The project inventories such species and develops protection or relocation plans in coordination with appropriate local, state and federal agencies (<i>Conservation, Policies 1.3.2 and 1.3.3</i>)	X			X				X		
18) <input type="checkbox"/> The project site does not impact an Open Space Connection identified in Figure 1-4, Urban Design Element ; <u>OR</u> <input checked="" type="checkbox"/> The project maintains, enhances or satisfactorily realigns the open space connection (<i>Urban Design, Policies 1.2.4 and 1.3.2; and Transportation, Policy 2.2.5</i>)	X			X				X		
19) <input type="checkbox"/> The project site is not within or adjacent to an Open Space Enhancement Priority area identified in Figure 1-5, Urban Design Element; <u>OR</u> <input checked="" type="checkbox"/> The project provides appropriate landscaping, hardscaping, and bicycle/pedestrian open space enhancement for the related Open Space Enhancement Priority area (<i>Urban Design, Policy 1.4.2</i>)	X			X				X		
20) The project integrates with existing topography and natural features (<i>Urban Design, Policy 1.3.11</i>)	X			X				X		

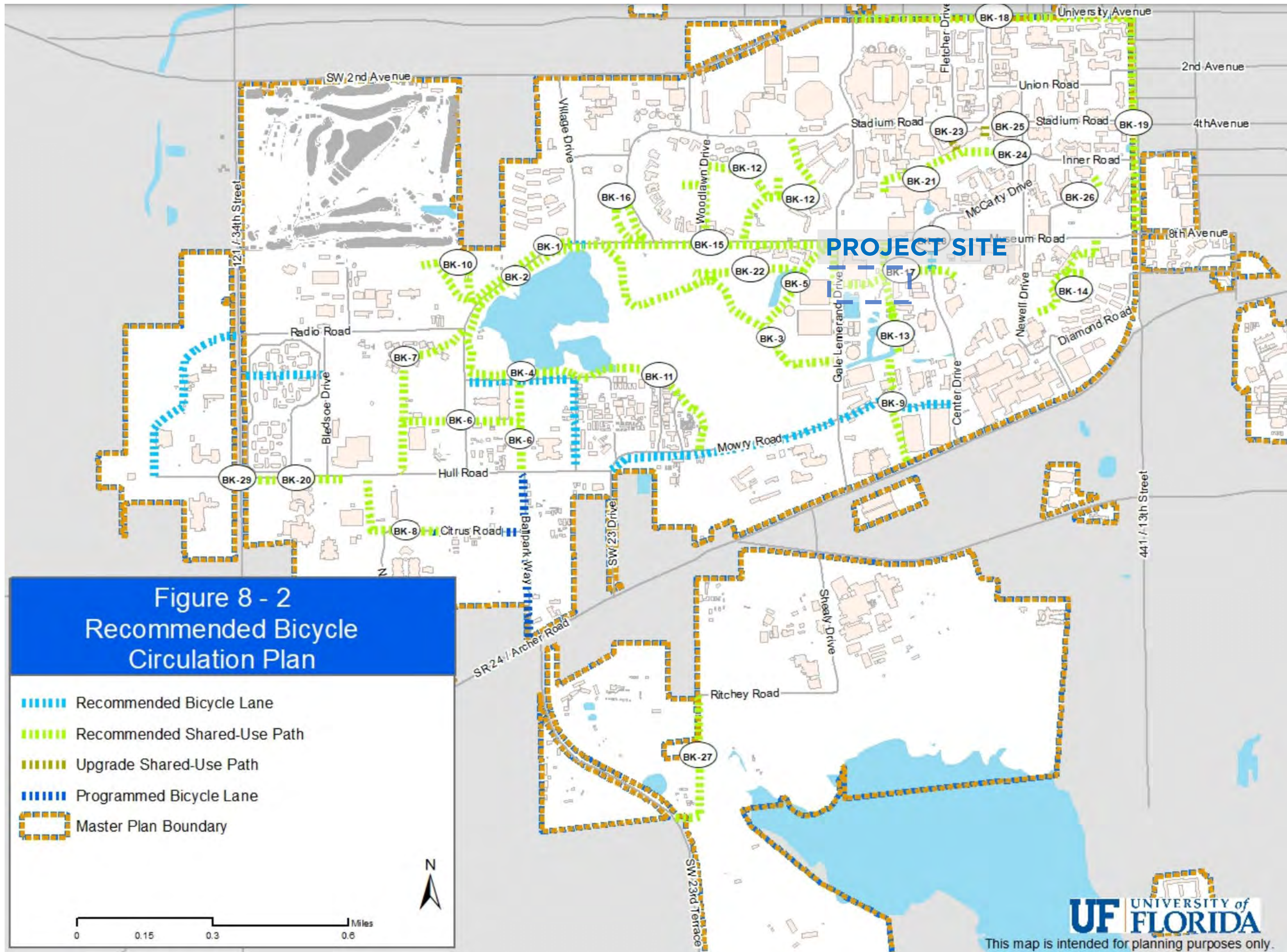
Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD						
				SCHEMATIC DESIGN			DESIGN DEVELOPMENT			
	YES	NO	NA	<input type="checkbox"/> Concept <input checked="" type="checkbox"/> Advanced	YES	NO	NA	YES	NO	NA
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 (<i>General Infrastructure Stormwater Sub-Element, Policy 1.3.5</i>)			X Not w/in H.C.D.B.			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 (<i>Urban Design, Policies 1.3.3 and 1.4.1</i>)	-	-	-	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 (<i>General Infrastructure Stormwater Sub-Element, Policies 1.2.4 and 1.2.5</i>)	-	-	-			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 (<i>General Infrastructure Stormwater Sub-Element Policies 1.3.2, 1.3.3, 1.3.4 and 1.4.1</i>)	-	-	-			X	X			
25) The project satisfies UF Design & Construction Standards for tree protection, removal, relocation and mitigation (<i>Urban Design, Policies 1.4.9, 1.4.10 and 1.4.12</i>) – 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 (<i>Urban Design, Policies 1.4.13, 1.4.14 and 1.4.15</i>) – 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 (<i>Transportation, Policy 1.2.2 and 1.2.3</i>)			X			X				X
28) <input checked="" type="checkbox"/> The project does not result in any significant loss of existing parking; <u>OR</u> <input type="checkbox"/> The loss of significant existing parking is mitigated - Note: Parking loss mitigation to be negotiated in consultation with the P&TC (<i>Transportation, Policy 2.6.5</i>)	X			X (Same qty spaces)			X			
29) The project satisfies UF Design & Construction Standards for bicycle parking including quantity, location and lighting with covering as feasible (<i>Transportation, Policy 2.2.6</i>)	-	-	-			X				X
30) <input type="checkbox"/> The project provides hot water showers and lockers for use by bicycle commuters; <u>OR</u> <input type="checkbox"/> The project demonstrates that hot water showers and lockers are infeasible (<i>Transportation, Policy 2.2.13</i>)	-	-	-			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 (<i>Transportation, Policy 2.6.5</i>)	-	-	-	X			X			

MP06934
University of Florida
Landscape Master Plan
Physics Shared Use Path
Design Development Submittal

LVL Committee Meeting
April 14, 2022





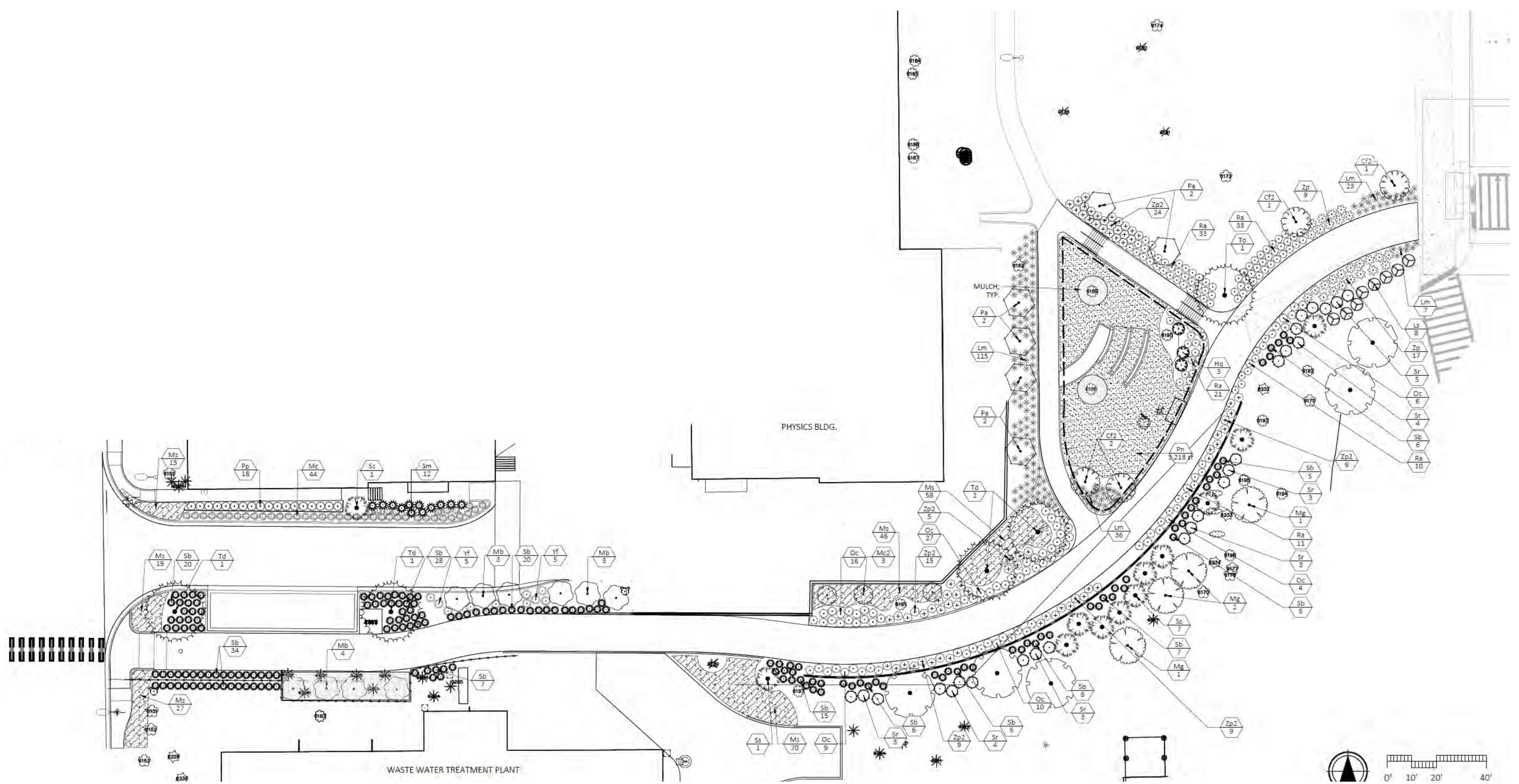


UFLMP PHYSICS SHARED USE PATH Context

Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022





Overview

- Advances the University's vision for an "interconnected campus"
- Represents landscape master plan priority project no. 12
- ADA accessible, 15'-0", shared use, pervious pathway
- Creates a safer and more direct pedestrian connection from Garages 5 & 14 to the Physics, DSIT, and Mechanical Engineering buildings
- Enhances greenspaces along the pathway and provides screening from the Physics "back of house" and WWTP

FEEDBACK FROM PREVIOUS COMMITTEE MEETINGS & CONTRACTOR

PTAC COMMITTEE:

- Add **motor traffic control devices** to both ends of the shared-use path.
- **Shift crosswalk signals** on Gale Lemerand Dr southward to lineup with relocated crosswalk.

LVL COMMITTEE:

- Continue coordination with the Astronomy Department to minimize any adverse impacts.
- Efforts to **preserve or relocate existing vegetation** is appreciated.

LUFPC COMMITTEE:

- Remove and relocate existing **UF Paving Mosaic**.

CONTRACTOR (AJAX):

- Contractor has experience **relocating** palms & trees.
- Contractor able to relocate existing **Blue Light Emergency Phones**.

COORDINATION w/STAKEHOLDERS

PHYSICS DEPT:

- **Accessibility** to helium tanks & loading area should remain clear.

ASTRONOMY DEPT:

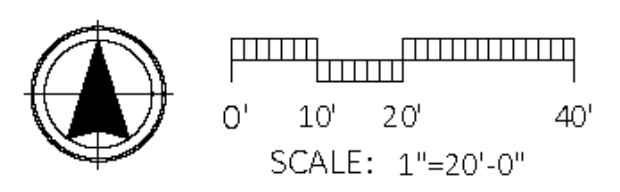
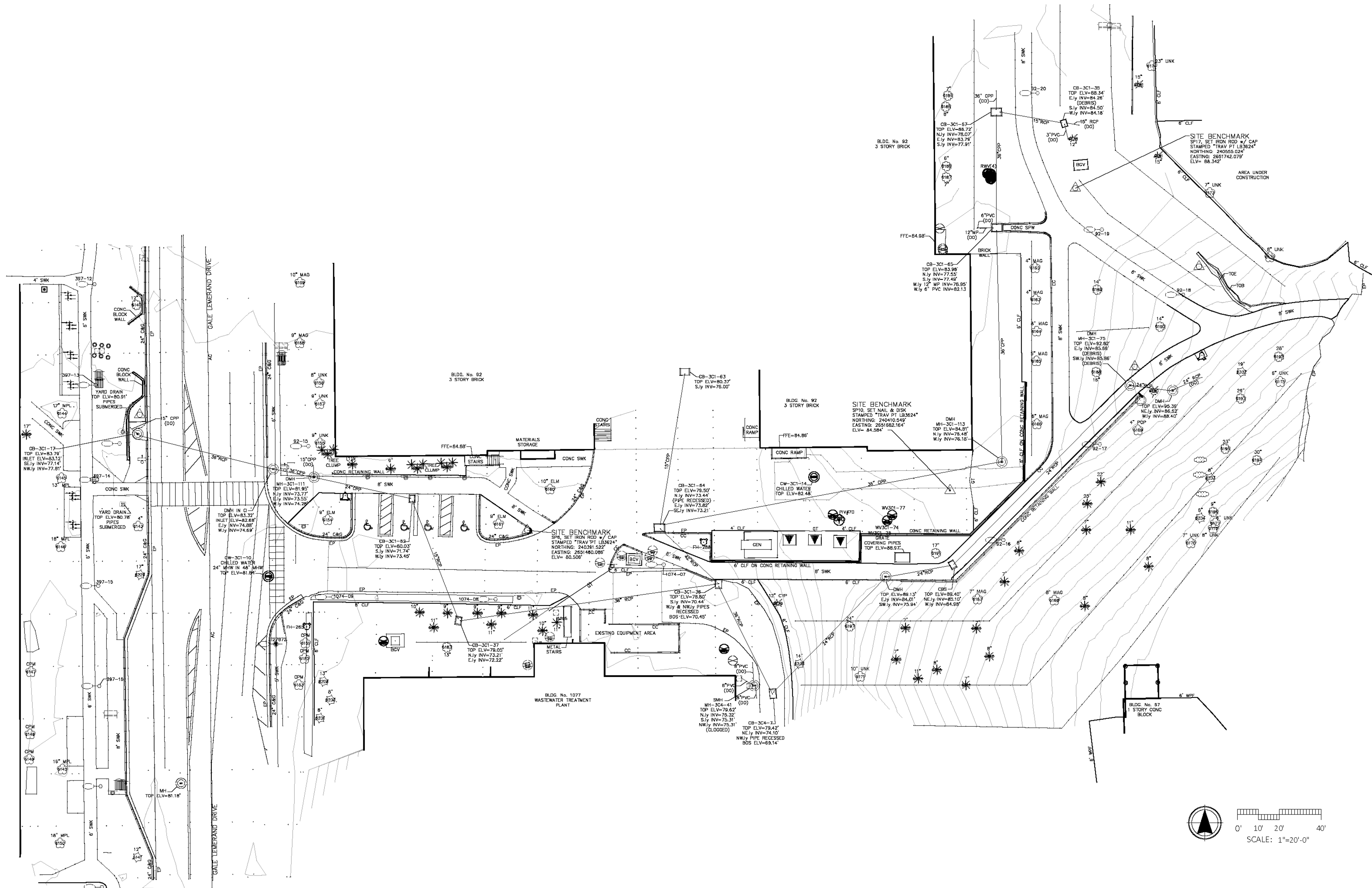
- **Bollard lights are preferred** over pole lights due to reduced light pollution.
- Existing down-lights on-site work well. **Relocate existing down-lights** where possible.
- The **viewshed to the north** should remain clear of tall trees.

WASTEWATER TREATMENT PLANT:

- Proposed realignments or circulation routes at the WWTP have been **reviewed & approved** per the Superintendent, Jared Howard.
- The southern turnaround should permit a **50' truck** to back in.

UF FORESTRY DEPT:

- Dr. Jason Smith is working to grow **Sycamores** from the tree that traveled to the **Moon** and will provide 6 trees to the project.
- Eight (8) **Sweetgum 'Slender Silhouette'** trees to also be provided by the UF Forestry Department.
- An **Ogeechee Lime** tree exists between the Physics Bldg. and Sweetwater Dr that may have been planted by **Tom Petty**. The tree will not be impacted by this project.



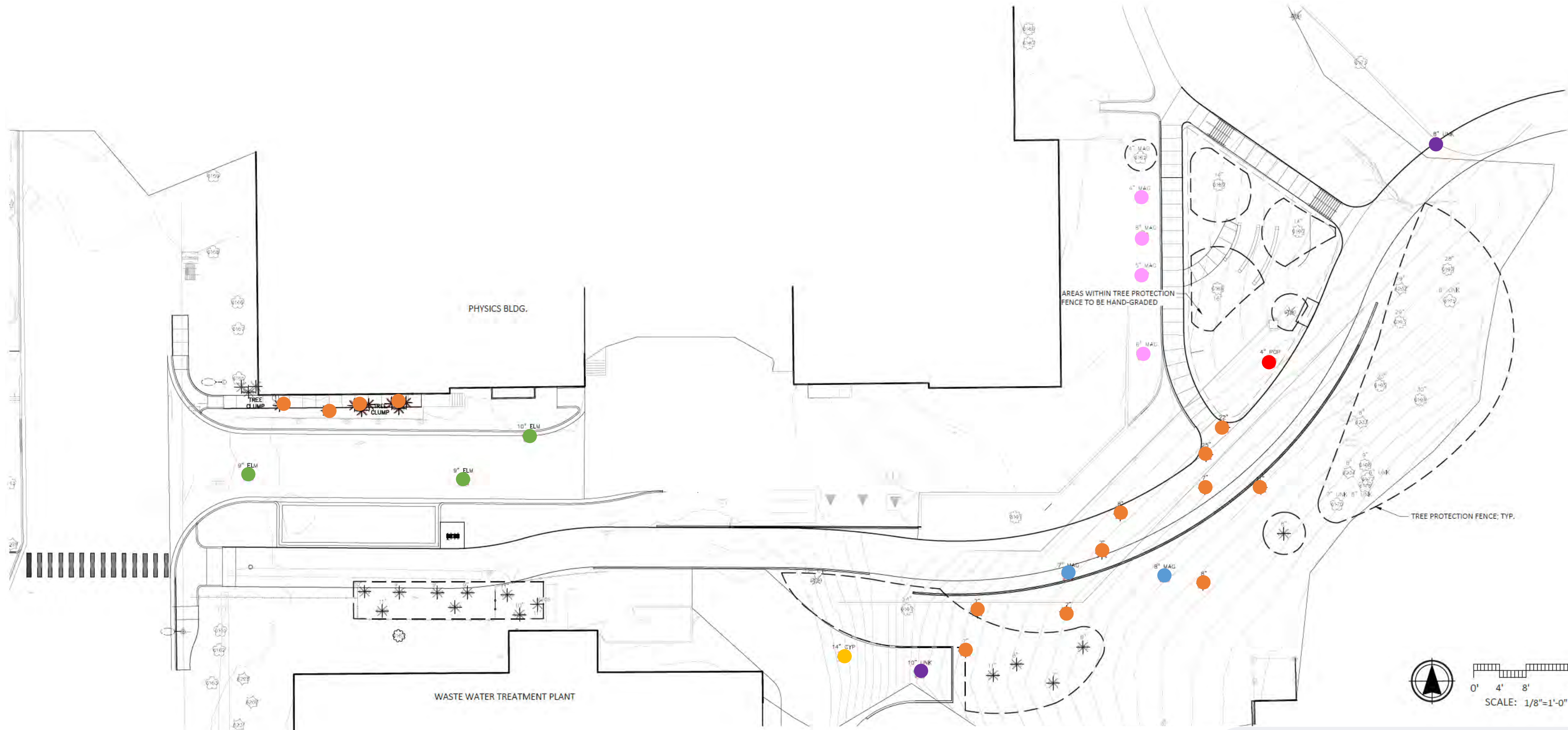
UFLMP PHYSICS SHARED USE PATH Existing Site Conditions

Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022



www.halback.com | Florida Qualifier LA6667110

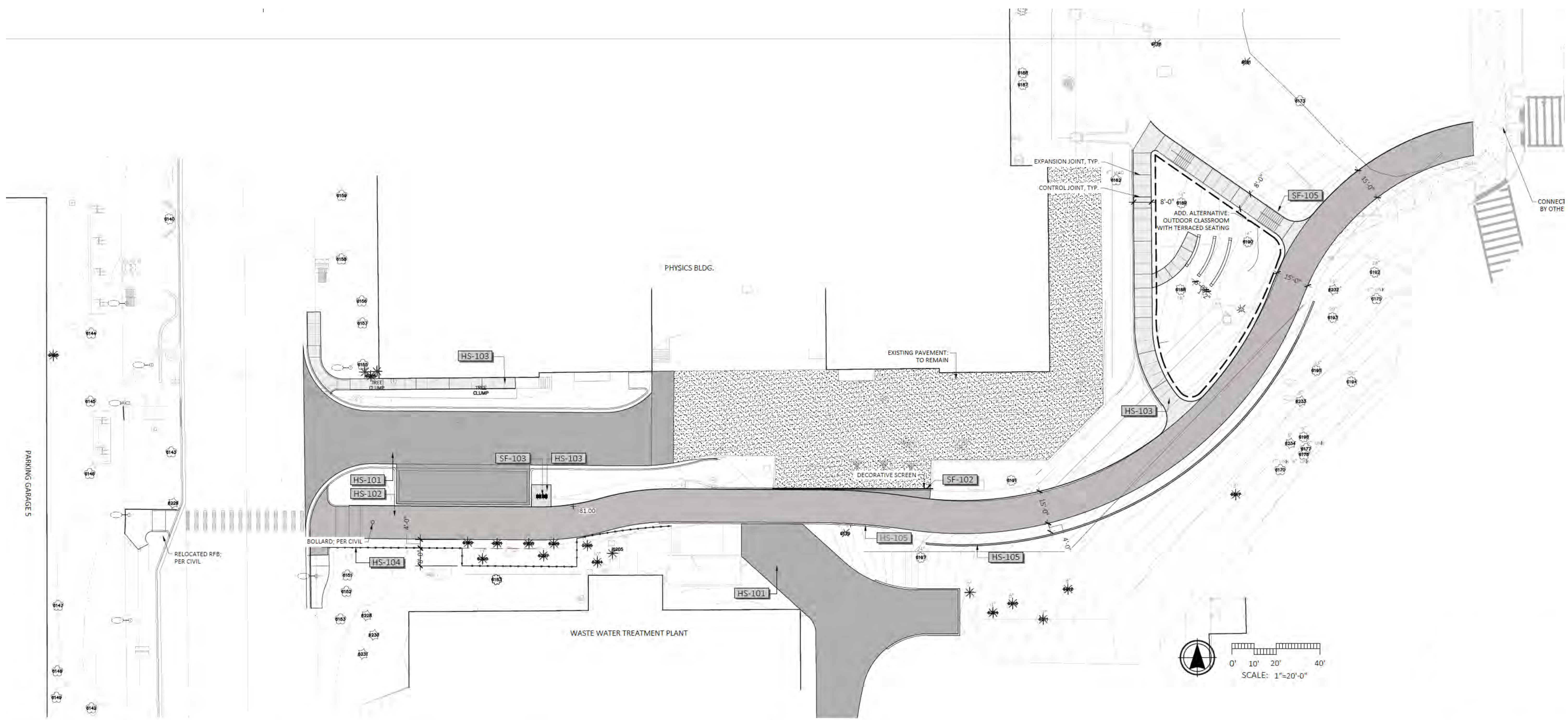


Legend

- Elm to remove
- Magnolia to remove
- Cypress to remove
- Palm to relocate
- Poplar to remove
- Unknown to remove
- Magnolia to relocate

Tree Removal:
Regulated Trees to Remove (below heritage threshold):
 (9) Hardwoods (canopy/understory)
 (12) Sabal Palms (to be relocated)
 (4) Magnolias (to be relocated)
 (2) European Fan Palms
Heritage Trees to Remove:
 None

Tree Mitigation Totals:
Total Trees Required (two-for-one basis)
 (22) Trees + Relocation of Sabal Palms & Magnolias
Total Tree Inches Provided
 (35) Trees + (8) Sycamore 'Moon Trees'



HARDSCAPE SCHEDULE								
SYMBOL	DESCRIPTION	QTY	DETAIL	DESCRIPTION	FINISH/COLOR	MANUFACTURER/SUPPLIER	CONTACT	NOTES
HS-101	ROADWAY	5,743 SF	SEE CIVIL SHEET	ASPHALT ROAD	BLACK		TBD	TO COMPLY WITH FDOT STANDARDS
HS-102	SHARED USE PATH	9,728 SF	6/L-2.4	ASPHALT PATH	BLACK	TBD	TBD	PERVIOUS ASPHALT, 1 1/4" MIN. THICKNESS
HS-103	SIDEWALK	2,579 SF	5/L-2.4	CONCRETE PATH	UNCOLORED, MEDIUM BROWN	TBD		8' WIDE, MIN. 6" THICK; CONTROL JOINTS PER PLAN
HS-104	FENCE	180 LF	4/L-2.4	ALUMINUM FENCE, MONTAGE PLUS	BLACK	MASTER HALCO		48" HEIGHT
HS-105	RETAINING WALL	227 LF	1/L-2.4	MASONRY, STUCCO WALL	SAND FINISH/ COLOR TBD			8" THICK, HEIGHT VARIES

SITE FURNITURE SCHEDULE								
SYMBOL	DESCRIPTION	QTY	DETAIL	DESCRIPTION	COLOR/FINISH	MANUFACTURER/SUPPLIER	CONTACT	NOTES
SF-102	SCREEN WALL	12	2/L-2.4	4"x6" PERFORATED METAL PANEL	BLACK	GREEN SCREEN	WWW.GREENSCREEN.COM	FREE STANDING MODEL
SF-103	BIKE RACK	1	2/L-2.5	8-BIKE DOUBLE-SIDED RACK	BLACK, STAINLESS STEEL	PEAK RACKS	(805) 235-8812, PEAKRACKS.COM	
SF-105	HAND RAIL	66 LF	3/L-2.4	42" HANDRAIL	BLACK	JULIUS BLUM & CO.	WWW.JULIUSBLUM.COM	

SHARED-USE PATH - PERVIOUS ASPHALT



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

Base: 1 1/2" minimum thickness asphalt on minimum 4" limerock or crushed concrete base.

Color: As shown

Precinct: 1, 2, 3, 4

6 SHARED-USE PATH - PERVIOUS ASPHALT
NOT TO SCALE - BASIS OF DESIGN

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

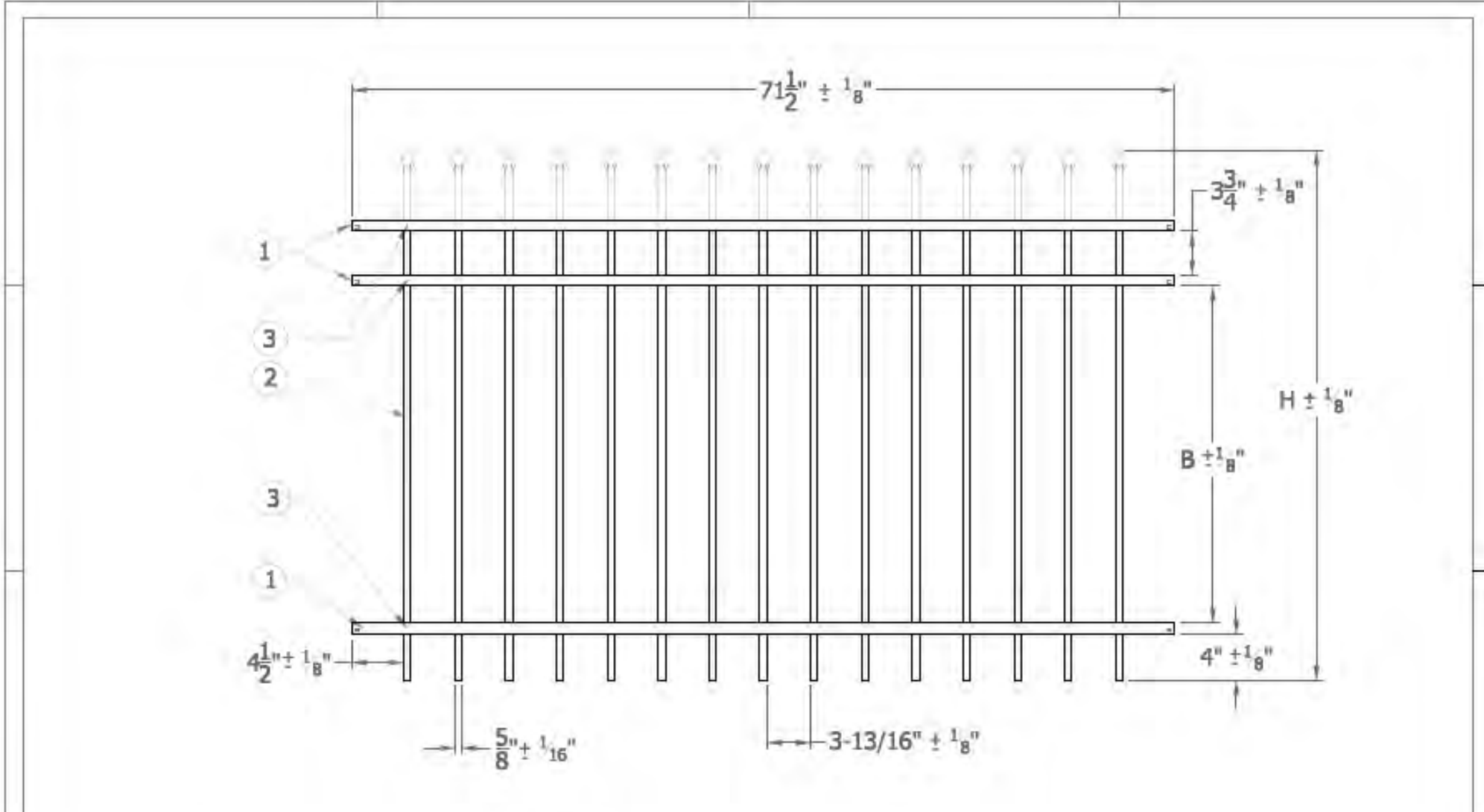
Color & Pattern: Uncolored

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

Expansion Jts: Shall be in accordance with current ANSI and ASTM standards

Precinct: All precincts

5 CONCRETE
NOT TO SCALE - BASIS OF DESIGN



NOTE:

1. Panels are shipped assembled.
2. Powder Coating: AAMA 2603 Polyester TGIC
3. Color: DSI120 Matte Black
4. Each picket has 3 wedge locks.
5. Specifications shown can be changed by Master Halco only.

No.	Item	Material	Quantity
3	Wedge Lock	Super Tuff Nylon	45
2	5" Picket (94005S)	8083-T52	15
1	U Channel (94082R1)	6083-T6	3

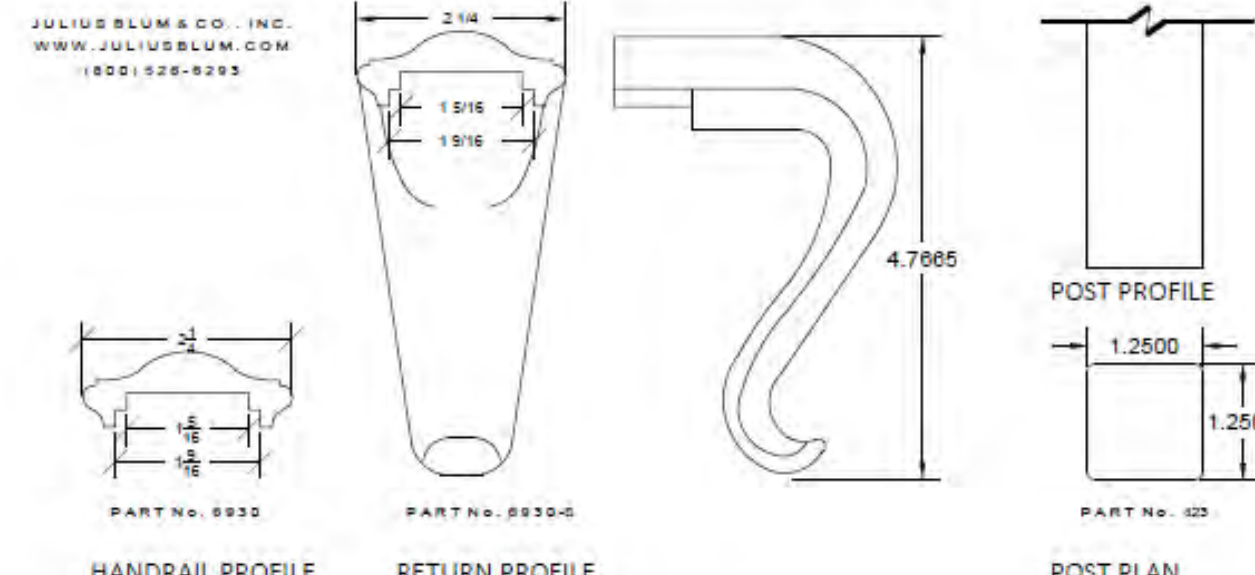
Panel Part No.	H	B
721752	48" (1168MM)	28-1/4" (743MM)
721762	58" (1473MM)	41-1/4" (1048MM)
721772	70" (1778MM)	53-1/4" (1353MM)

DESCRIPTION: COLONIAL FENCE - SPEAR 3 RAIL
NOM 6' SECTION LENGTH - 5/8" PICKET

BY: wjm
DATE: 12-16-2008
REV: [blank]
REV DATE: [blank]

DWG: M131 Panel
DRAFT: 20160407-7
LOG: MH/Detail/Panels
SCALE: XXX

4 FENCING
NOT TO SCALE - BASIS OF DESIGN



HANDRAIL PROFILE (PART NO. 8935)

RETURN PROFILE (PART NO. 8935-G)

POST PROFILE (PART NO. 89)

POST PLAN

3 HANDRAIL - STANDARD
6" = 1'-0" P-IN-UFL-03

6FT W X 4FT H FLEXX SERIES

INTERLOCK FUSION KALEIDOSCOPE MATRIX SUMMIT

MATERIALS: The Panel is constructed with 11-gauge steel. The Post Inner Tube is constructed with 3/16" steel, the Post Exterior Sleeve is constructed with aluminum.

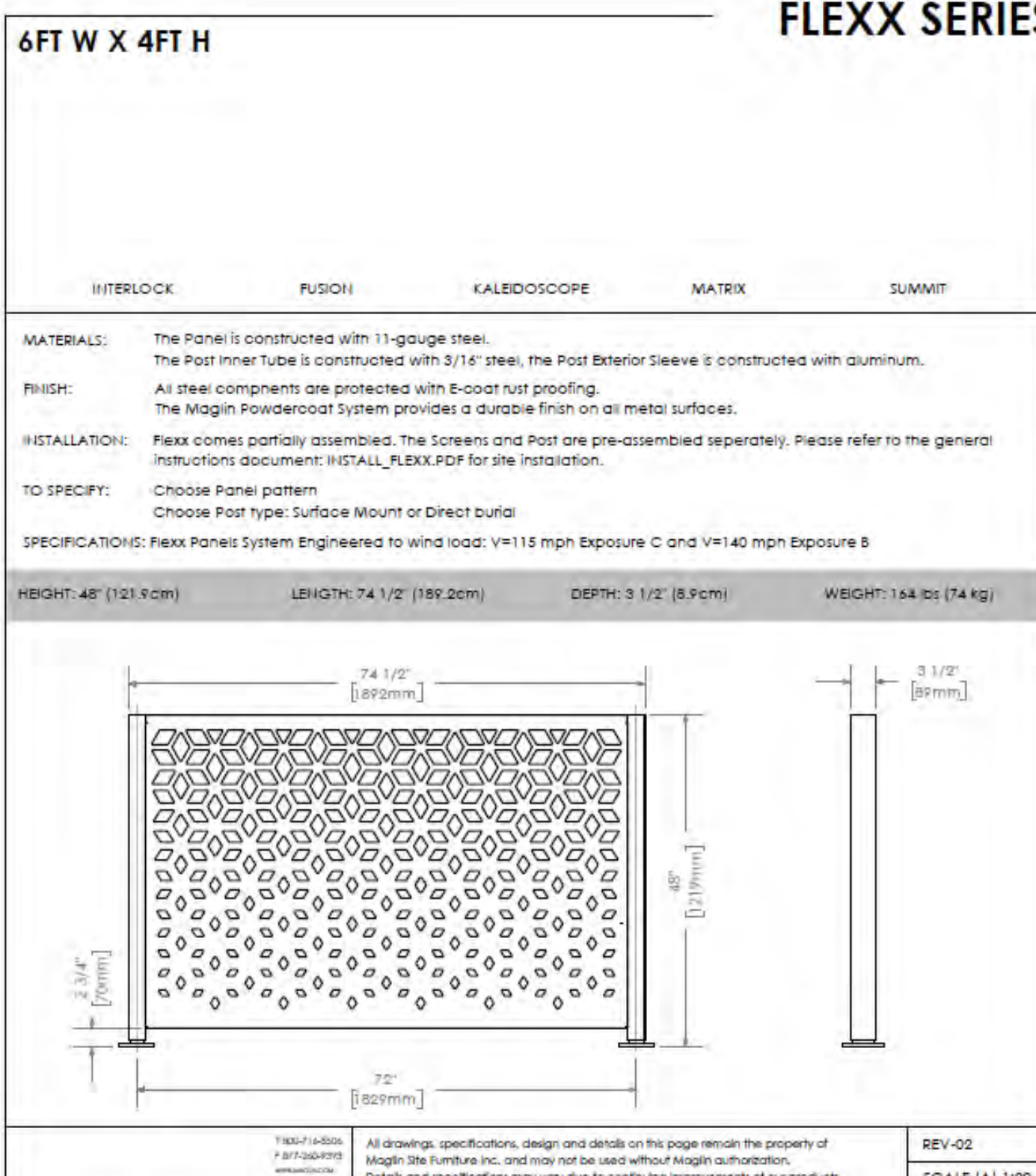
FINISH: All steel components are protected with E-coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.

INSTALLATION: Flex comes partially assembled. The Screens and Post are pre-assembled separately. Please refer to the general instructions document: INSTALL_FLEXX.PDF for site installation.

TO SPECIFY: Choose Panel pattern. Choose Post type: Surface Mount or Direct build.

SPECIFICATIONS: Flex Panel System Engineered to wind load: V=115 mph Exposure C and V=140 mph Exposure B

HEIGHT: 48" (121.9cm) LENGTH: 74 1/2" (189.2cm) DEPTH: 3 1/2" (8.9cm) WEIGHT: 7.64 lbs (74 kg)

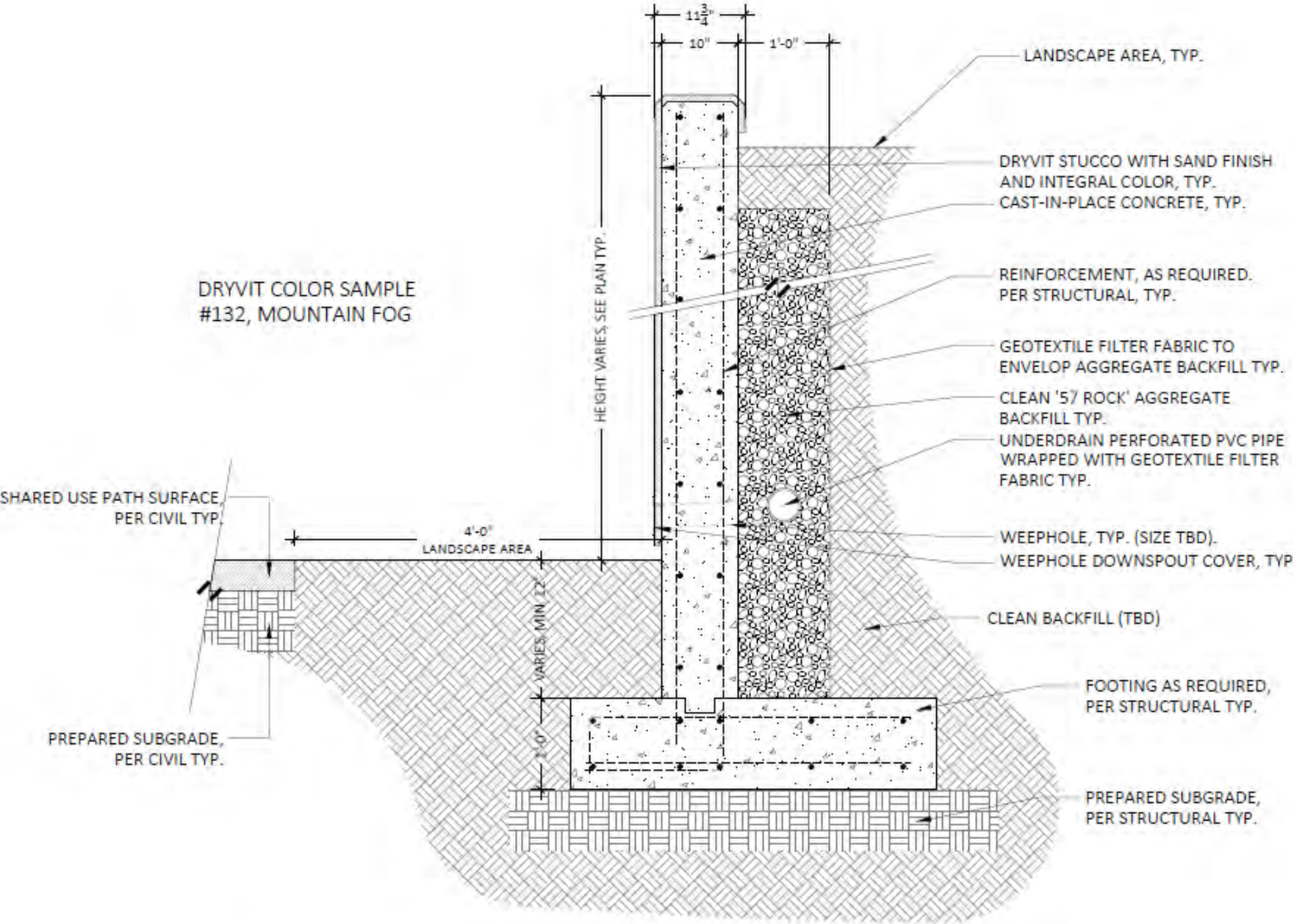


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7-817-04-R15

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REV-02
SCALE (A) 1:20

2 PERFORATED METAL SCREEN PANEL - PATTERN CUSTOM (TBD)
NOT TO SCALE - BASIS OF DESIGN



LANDSCAPE AREA, TYP.

DRYVIT STUCCO WITH SAND FINISH AND INTEGRAL COLOR, TYP.

CAST-IN-PLACE CONCRETE, TYP.

REINFORCEMENT, AS REQUIRED, PER STRUCTURAL, TYP.

GEOTEXTILE FILTER FABRIC TO ENVELOP AGGREGATE BACKFILL TYP.

CLEAN '5' ROCK' AGGREGATE BACKFILL TYP.

UNDERDRAIN PERFORATED PVC PIPE WRAPPED WITH GEOTEXTILE FILTER FABRIC TYP.

WEEPHOLE, TYP. (SIZE TBD).

WEEPHOLE DOWNSPOUT COVER, TYP.

CLEAN BACKFILL (TBD)

FOOTING AS REQUIRED, PER STRUCTURAL TYP.

PREPARED SUBGRADE, PER STRUCTURAL TYP.

SHARED USE PATH SURFACE PER CIVIL TYP.

PREPARED SUBGRADE, PER CIVIL TYP.

4'-0" LANDSCAPE AREA

HEIGHT VARIES, SEE PLAN TYP.

1'-0"

1'-0"

1'-0"

3/4" = 1'-0"

1 CIP CONCRETE RETAINING WALL W/ STUCCO FINISH TYP.
3/4" = 1'-0" P-IN-UFL-01

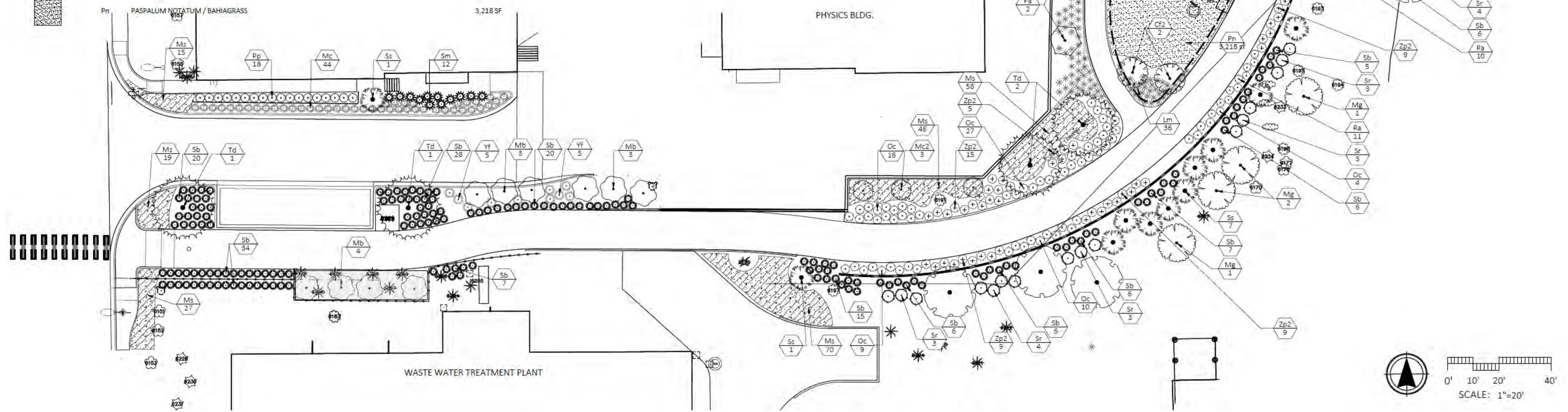
PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	HEIGHT	SPREAD	NATIVE	QTY
	Cf2	CORNUS FLORIDA / FLOWERING DOGWOOD	25 GAL	3"	6'	3'	YES	4
	Ls	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE' / SLENDER SILHOUETTE SWEET GUM	UF FORESTRY				YES	8
	Mg	MAGNOLIA GRANDIFLORA / SOUTHERN MAGNOLIA	TRANSPLANT			5'	YES	4
	Mb	MAGNOLIA GRANDIFLORA 'D.D. BLANCHARD' / D.D. BLANCHARD SOUTHERN MAGNOLIA	45 GAL	3"	8'	4'	YES	10
	Mc2	MYRICA CERIFERA / WAX MYRTLE	25 GAL	1.5"	7'	3'	YES	3
	Po	PLATANUS OCCIDENTALIS / AMERICAN SYCAMORE "MOON TREES"	UF FORESTRY				YES	5
	Pa	PRUNUS ANGUSTIFOLIA / CHICKASAW PLUM	25 GAL	6"	3'		YES	6
	Ss	SABAL PALMETTO / CABBAGE PALMETTO	TRANSPLANT				YES	12
	Td	TAXODIUM DISTICHUM / BALD CYPRESS	FG.	3"	8'-10'	5'	YES	5

Denotes Native Plant

SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	HEIGHT	SPREAD
	Hq	HYDRANGEA QUERCIFOLIA / OAKLEAF HYDRANGEA	7 GAL	4'	3'
	Lm	LIRIOPE MUSCARI / LILYTURF	1 GAL	1'	1'
	Mc	MUHLENBERGIA CAPILLARIS / PINK MUHLY GRASS	3 GAL	2'	1'
	Oc	OSMUNDA CINNAMOMEA / CINNAMON FERN	3 GAL	2'	2'
	Pp	PODOCARPUS MACROPHYLLUS 'PRINGLES' / PRINGLES DWARF PODOCARPUS	3 GAL	2'	1.5'
	Ra	RUMOHRA ADIANTIFORMIS / LEATHER LEAF FERN	3 GAL	2'	2'
	Sm	SABAL MINOR / DWARF PALMETTO	7 GAL	3'	2'
	Sr	SERENOA REPENS / SAW PALMETTO	7 GAL	2'	2'
	Sb	SPARTINA BAKERI / SAND CORDGRASS	3 GAL	2'	1'
	Yf	YUCCA FILAMENTOSA / ADAM'S NEEDLE	3 GAL	2'	2'
	Zp	ZAMIA PUMILA / COONTIE CYCAD	7 GAL	2'	2'
	Zp2	ZAMIA PUMILA / COONTIE CYCAD	7 GAL	2'	2'

GROUND COVERS	CODE	BOTANICAL / COMMON NAME	SPACING	QTY
	Ms	MIMOSA STRIGILLOSA / SUNSHINE MIMOSA	36" o.c.	235



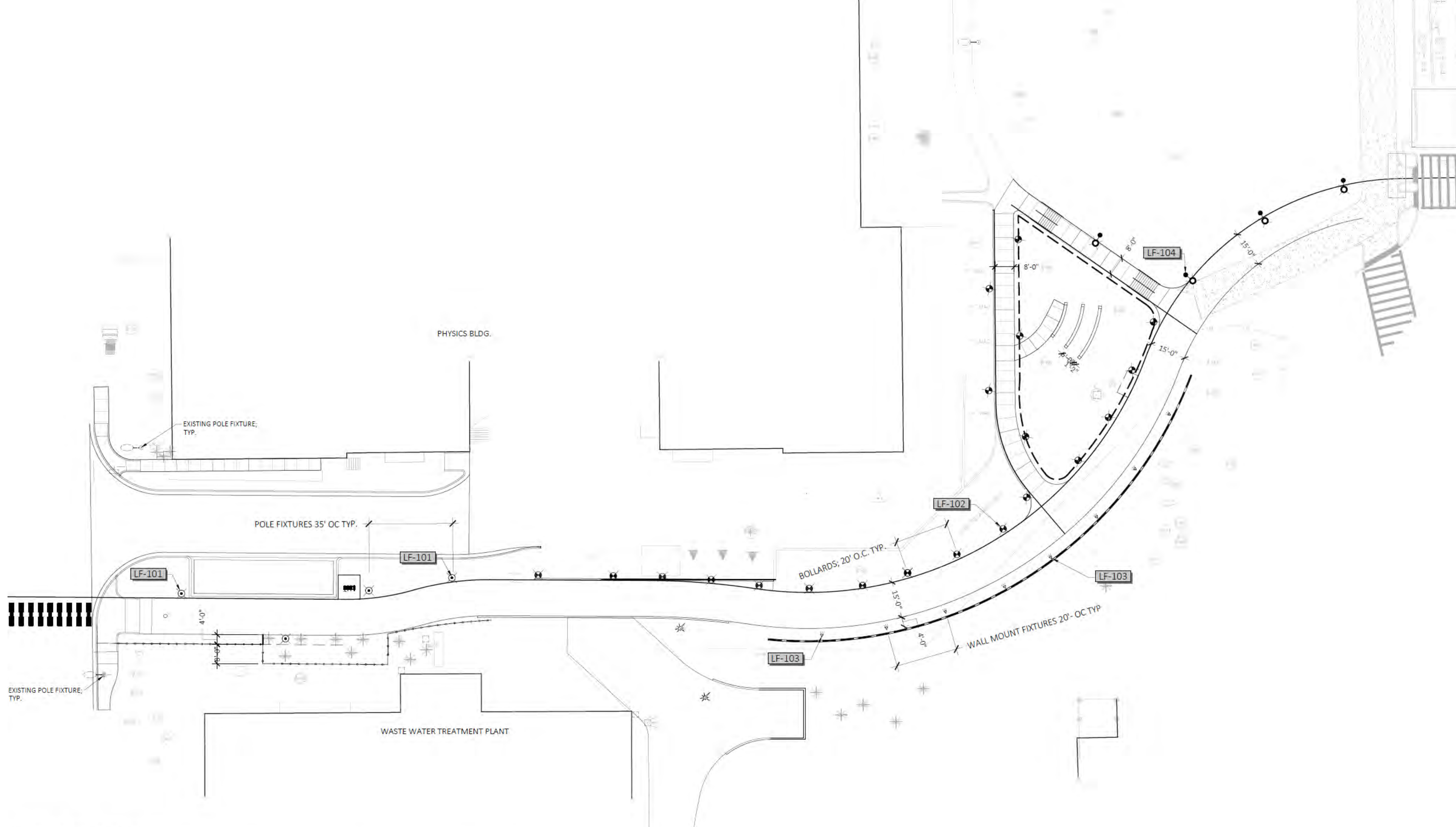
UFLMP PHYSICS SHARED USE PATH Landscape Plan

Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022

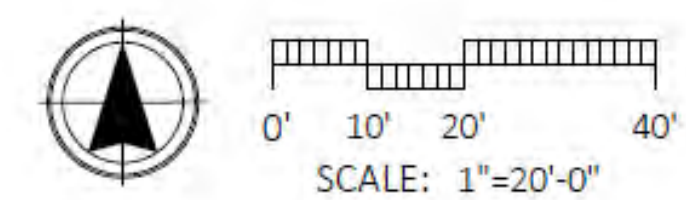


Progress shots, 03.31.22



LIGHT FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL	DESCRIPTION	FINISH/COLOR	MANUFACTURER	CONTACT
LF-101	POLE FIXTURE	4	1/L-5.2	REFRACTIVE GLOBE RL34, 12" H	BLACK	PHILIPS HADCO	MARK KINGSWORTH - 904.509.5625
LF-102	BOLLARD LIGHT	21	3/L-5.2	3901LB RICHMOND	BLACK	STERNBERG LIGHTING	
LF-103	WALL SCONCE	8	4/L-5.2	102LED WALL SCONCE	CAMPUS STANDARD	GARDCO BY SIGNIFY	MARK KINGSWORTH - 904.509.5625
LF-104	POLE FIXTURE - CUTOFF	4		RELOCATED LUMINAIRE + POLE	EXISTING	EXISTING	



UFLMP PHYSICS SHARED USE PATH Lighting Plan

Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022

390 ILB RICHMOND LIGHTED BOLLARD SPECIFICATIONS

GENERAL
The 390 ILB Richmond Lighted Bollard shall be cast aluminum, one-piece construction. The 1 1/2" diameter cast aluminum detail base shall be coordinated with a 2 1/4" diameter straight fluted cast aluminum shaft. The flange shall be Sternberg Lighting's 390 ILB Lighted Bollard or 390 ILB-QR quick release lighted bollard.

CONSTRUCTION
The base shall be designed with a sculptured bell shaped bottom. Dimensions shall be as shown and be made of heavy wall, 316 alloy cast aluminum. It shall have a 1/4" thick flange cast as an integral part of the base. The bollard top will be cast aluminum. The overall height of the bollard shall be 42".

ELECTRICAL
The optical assembly shall be constructed of twelve fluted springs with a white acrylic lens. All electrical components shall be UL approved. LED light shall be high power factor with long lifetime, down to 30 degrees C. Minimum beam pattern should be 30-degree beam. The bollard's optical assembly shall be pre-wired. Electrical output filament (PL) bulb(s) shall be installed and secured with a mounting temperature of down to 30 degrees F. 120V shall have a 1/4" pin socket and support clips that are rated for lamp. Bulbs shall be COB/LED.

QUICK RELEASE MOUNTING (Optional)
The bollard P2560-QR shall have a quick release system which allows quick removal of the bollard for correction or emergency access. The bollard part shall be made of 316 stainless steel. The bollard shall have a keyed pin and a double convex air system for opening the bollard. The bollard shall have a standard extension and lock mechanism. The quick release system shall allow for a flush pin or other installation after temporary bollard removal.

FINISH
Prior to coating, each assembly shall be thoroughly cleaned and etched in a 5-to-6% pickling system which includes alkali, phosphoric, nitric, phosphoric, pickling, conversion coating, and zinc plating to ensure corrosion resistance and excellent adhesion for the finish coating. The finish coating shall be electrocoat applied semi-gloss, light durable polyester powder finished in R90 degrees for a durable and durable finish. Color optional. Color: Venetian Bronze finish and standard finish are hand finished using a 3-to-4 step process. The final assembly shall be wrapped in checkered wrapping or fully enclosed in cartons or crates.

INSTALLATION
Each bollard shall be provided with the post for one quick release bollard anchor. Quick release bollard requires no anchor bolts. A base shall be provided for wiring and one bollard anchor. If shall be secured with larger post. Bollard shall be provided with a grounding and mounting kit. See base plate for more details.

WARRANTY Five-year limited warranty. See product and technical data sheet for details.

BUILDING A PART NUMBER

OFFICE SYMBOL	SHAFT SYMBOL	FLANGE SYMBOL	FINISH SYMBOL	LENS SYMBOL	LENS SYMBOL	LENS SYMBOL
0000	000	000	000	000	000	000

PART NUMBER SELECTIONS

BOLLS	LAMPS	STANDARD FINISHER	WIRE	WARRANTY
390 ILB	390 ILB-QR	390 ILB-QR	390 ILB-QR	390 ILB-QR

3 BOLLARD - LIGHTED
NOT TO SCALE

Outdoor Poles and Brackets

P2560 Straight Round Fluted Pole

Order guide

Product Code	Pole Height	Finish	Outlet Location	Outlet Options
P2560	12	A Black B White C Venetian D Bronze E Clear	T (1) Down near Top (2) Mid-section (3) Just from Top of Base - Aligned with Huber Side	D Standard Duplex CR Duplex

Pole Data

Pole Height	Round	Strength	Fluted	Flange	Flange	Flange	Flange	Flange	Flange
P2560	P2560-10	10	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-12	12	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-14	14	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-16	16	3	0.75	13.75	8.34	34.48	34.48	34.48

Specifications
Standard Traditional Lightpole - Pole & Base

WARRANTY
Five-year limited warranty. See product and technical data sheet for details.

2 STANDARD TRADITIONAL LIGHTPOLE - POLE & BASE
NOT TO SCALE - BASIS OF DESIGN: Hadco # P2560 STRAIGHT ROUND FLUTED

P2560 Poles and Brackets

Straight Round Fluted

Order guide

Product Code	Pole Height	Finish	Outlet Location	Outlet Options
P2560	12	A Black B White C Venetian D Bronze E Clear	T (1) Down near Top (2) Mid-section (3) Just from Top of Base - Aligned with Huber Side	D Standard Duplex CR Duplex

Pole Data

Pole Height	Round	Strength	Fluted	Flange	Flange	Flange	Flange	Flange	Flange
P2560	P2560-10	10	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-12	12	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-14	14	3	0.75	13.75	8.34	34.48	34.48	34.48
P2560	P2560-16	16	3	0.75	13.75	8.34	34.48	34.48	34.48

Specifications
Standard Traditional Lightpole - Pole & Base

WARRANTY
Five-year limited warranty. See product and technical data sheet for details.

1 STANDARD TRADITIONAL LIGHTPOLE - LUMINAIRE
NOT TO SCALE - BASIS OF DESIGN: Hadco # P2560 STRAIGHT ROUND FLUTED

GARDCO by @ignify Wall Mount LED Wall Sconce

Ordering guide

Item	Code	Color	Finish	Mounting	Options
LED WALL SCONCE	W1200	White	Brushed Nickel	Standard	None

Ordering guide

Item	Code	Color	Finish	Mounting	Options
LED WALL SCONCE	W1200	White	Brushed Nickel	Standard	None

4 WALL SCONCE
NOT TO SCALE - BASIS OF DESIGN: Gardco W1200

PHILIPS HADCO Urban Luminaire

Ordering guide

Item	Code	Color	Finish	Mounting	Options
LED WALL SCONCE	W1200	White	Brushed Nickel	Standard	None

Ordering guide

Item	Code	Color	Finish	Mounting	Options
LED WALL SCONCE	W1200	White	Brushed Nickel	Standard	None

1 STANDARD TRADITIONAL LIGHTPOLE - LUMINAIRE
NOT TO SCALE - BASIS OF DESIGN: Hadco # RL54-A-C-N-A-2-A-W-N-R7-W-A-S-N-N-N-SP1



 **Marquis Latimer + Halback**
LANDSCAPE ARCHITECTURE · PLANNING



UFLMP PHYSICS SHARED USE PATH Perspective: Crosswalk @
Gale Lemerand Dr.

Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022

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PHYSICS BLDG.

ASPHALT DRIVE

ADA PARKING

SHARED USE PATH

 **Marquis Latimer + Halback**
LANDSCAPE ARCHITECTURE · PLANNING



UFLMP PHYSICS SHARED USE PATH Perspective: Crosswalk @
Gainesville, FL Gale Lemerand Dr.
ML+H Project No. 21.38.0

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BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

ASPHALT DRIVE

SHARED USE PATH

OUTDOOR CLASSROOM

GREEN SPACE

 Marquis Latimer + Halback
LANDSCAPE ARCHITECTURE · PLANNING



BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

ASPHALT DRIVE

OUTDOOR CLASSROOM

GREEN SPACE

SHARED USE PATH

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OUTDOOR CLASSROOM

RETAINING WALL

GREEN SPACE

SHARED USE PATH

ASPHALT DRIVE

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UFLMP PHYSICS SHARED USE PATH Perspective: From Lower Level

4.14.2022

Gainesville, FL
ML+H Project No. 21.38.0



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OUTDOOR CLASSROOM

BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

SHARED USE PATH

GREEN SPACE

ASPHALT DRIVE

 **Marquis Latimer + Halback**
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UFLMP PHYSICS SHARED USE PATH Perspective: From Lower Level, Night 4.14.2022

Gainesville, FL
ML+H Project No. 21.38.0



ASPHALT DRIVE

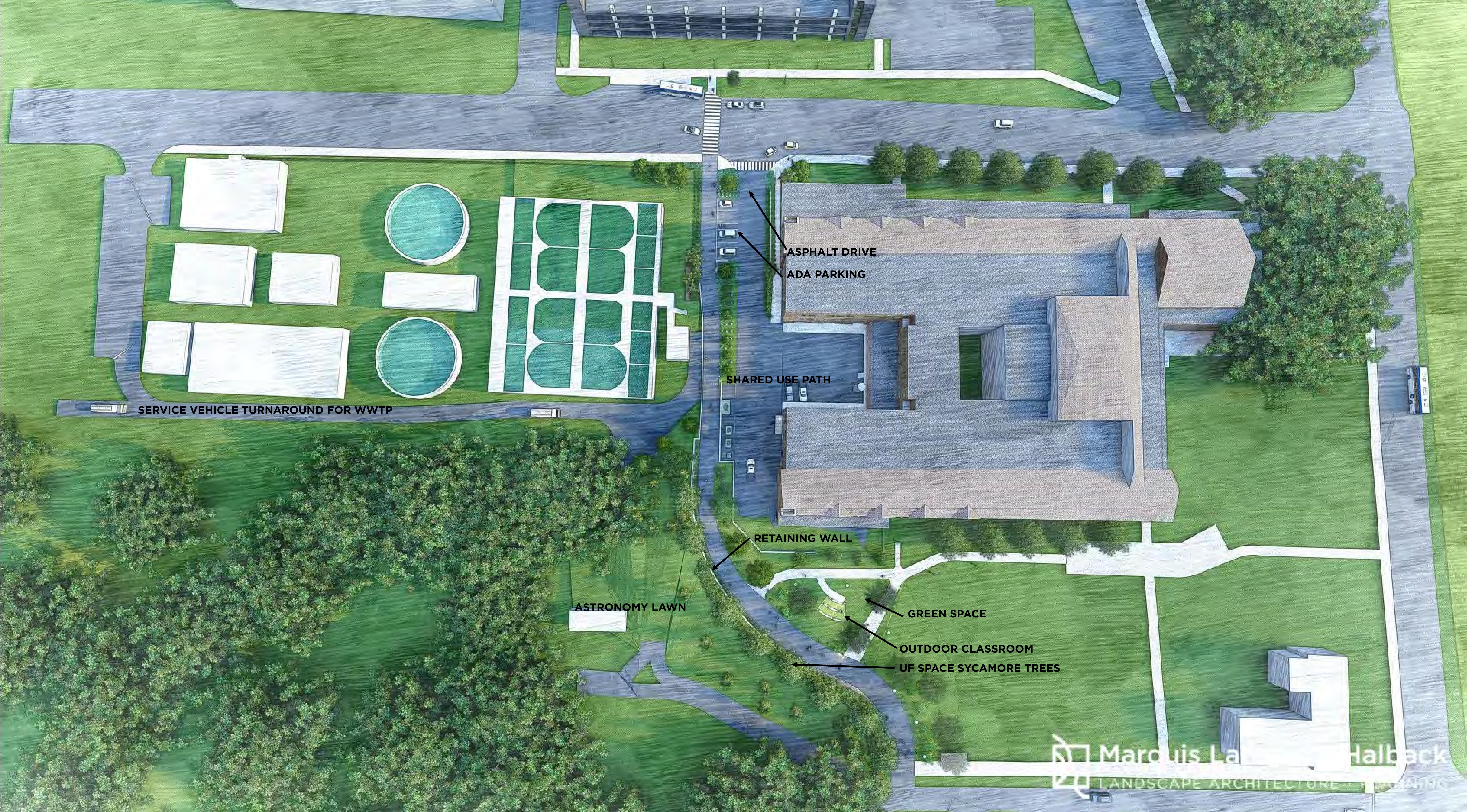
ADA PARKING

SHARED USE PATH

GREEN SPACE
OUTDOOR CLASSROOM

RETAINING WALL

 Marquis Latimer + Halback
LANDSCAPE ARCHITECTURE · PLANNING



SERVICE VEHICLE TURNAROUND FOR WWTP

ASPHALT DRIVE

ADA PARKING

SHARED USE PATH

RETAINING WALL

ASTRONOMY LAWN

GREEN SPACE

OUTDOOR CLASSROOM

UF SPACE SYCAMORE TREES

Marquis Latimer + Halback
LANDSCAPE ARCHITECTURE · PLANNING



UFLMP PHYSICS SHARED USE PATH Illustrative Site Plan: Overall

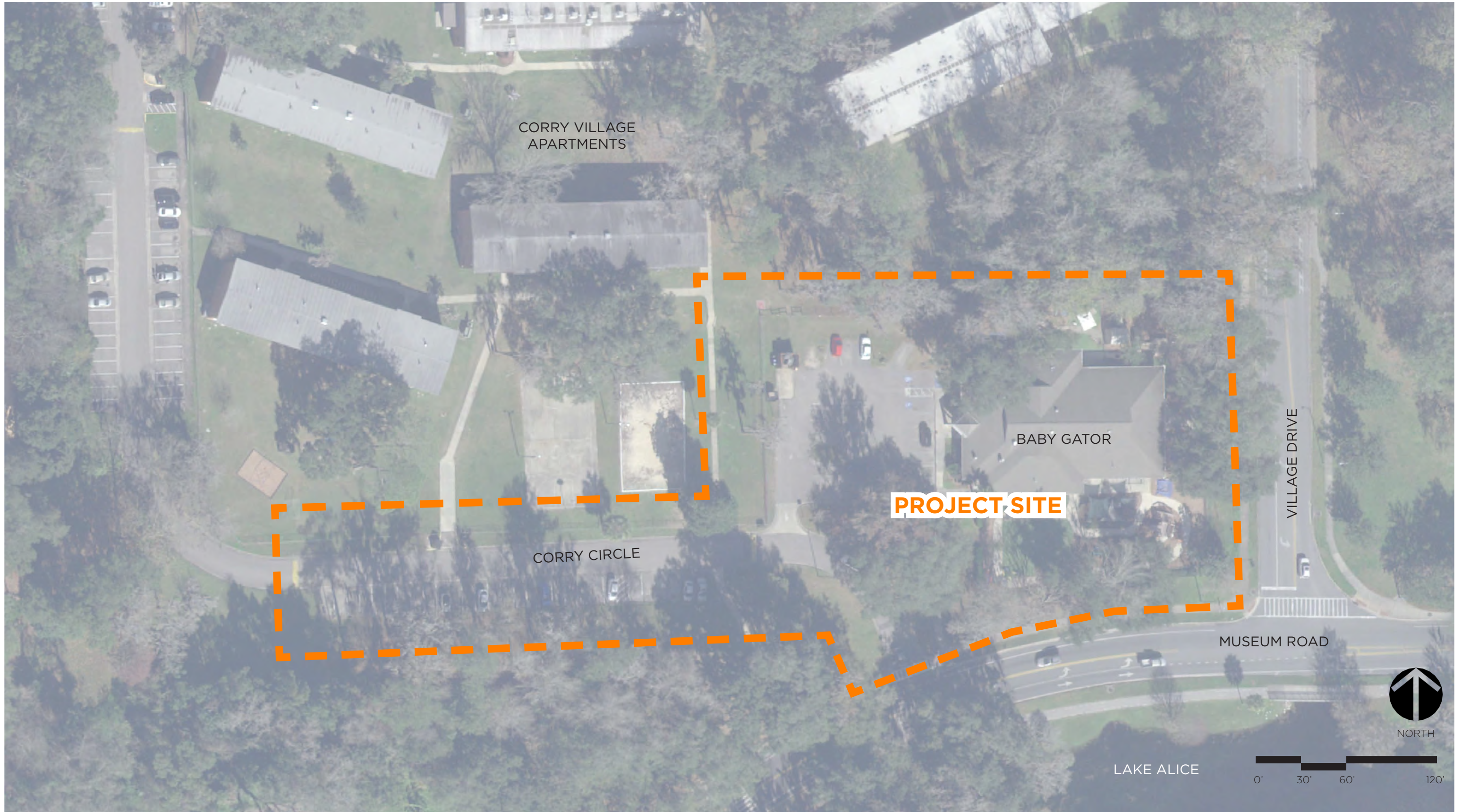
Gainesville, FL
ML+H Project No. 21.38.0

4.14.2022



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SITE LOCATION



EXISTING SITE CONDITIONS

EXISTING PARKING SPACES: 29

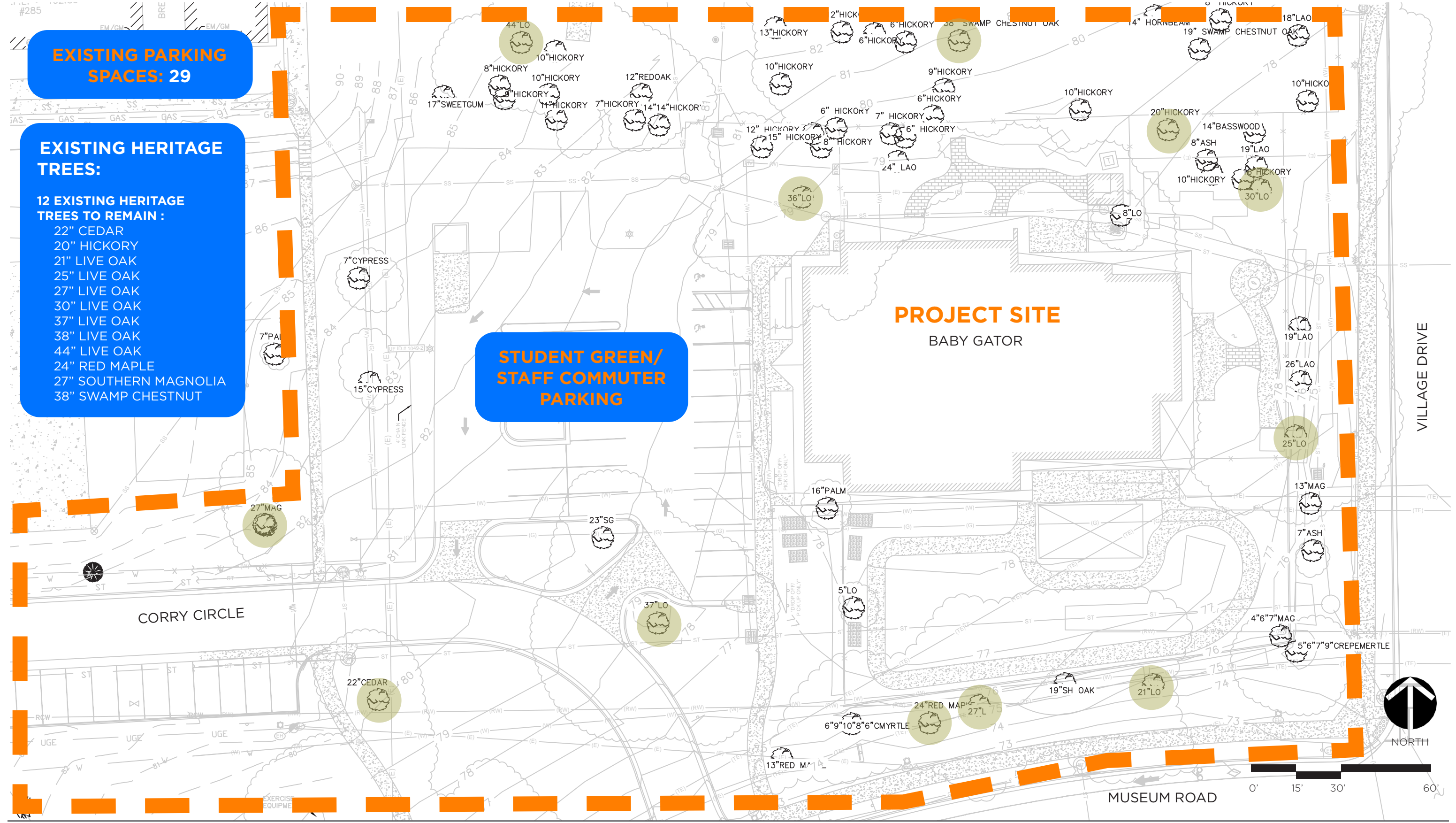
EXISTING HERITAGE TREES:

12 EXISTING HERITAGE TREES TO REMAIN :

- 22" CEDAR
- 20" HICKORY
- 21" LIVE OAK
- 25" LIVE OAK
- 27" LIVE OAK
- 30" LIVE OAK
- 37" LIVE OAK
- 38" LIVE OAK
- 44" LIVE OAK
- 24" RED MAPLE
- 27" SOUTHERN MAGNOLIA
- 38" SWAMP CHESTNUT

**STUDENT GREEN/
STAFF COMMUTER
PARKING**

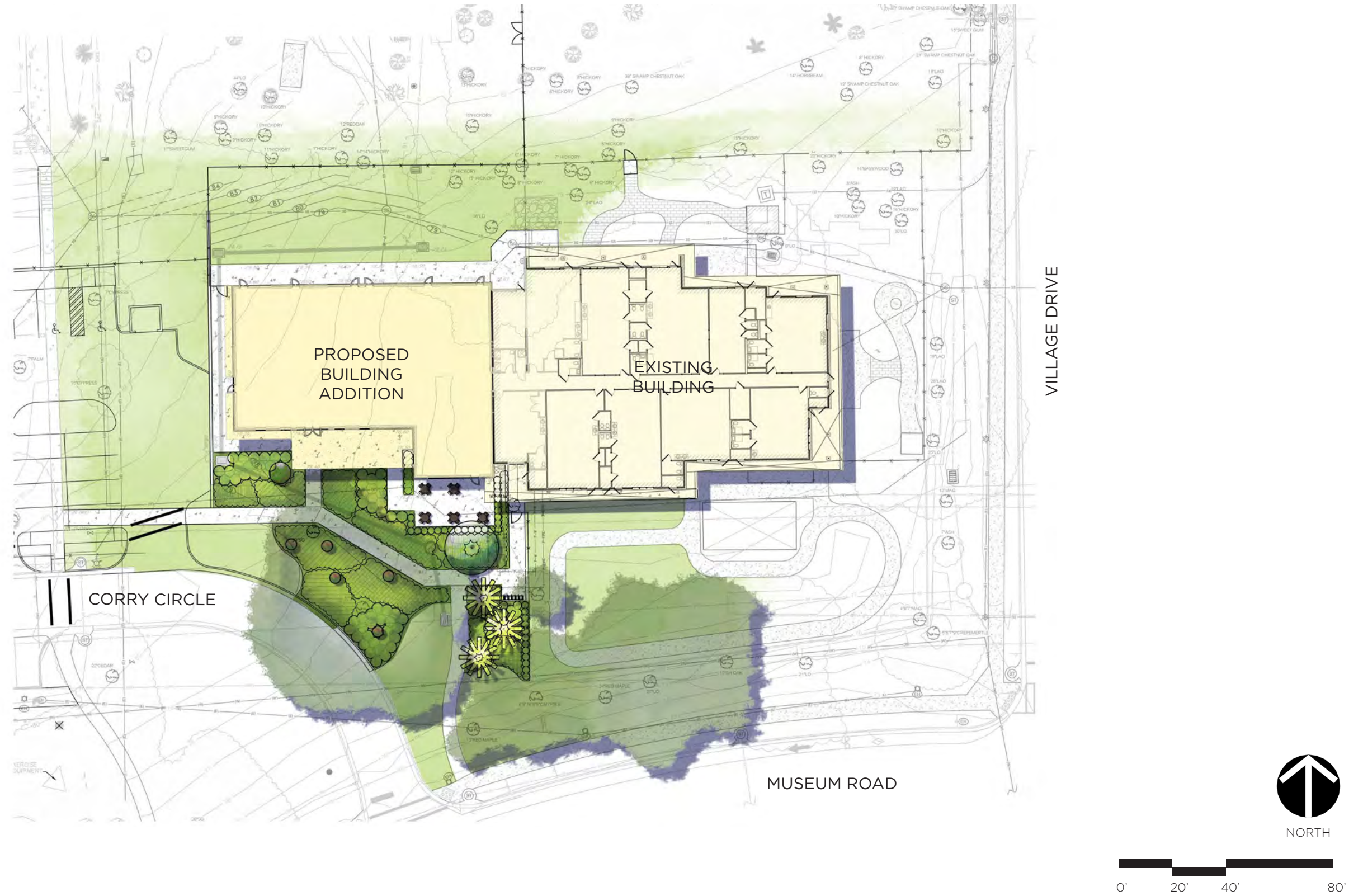
PROJECT SITE
BABY GATOR



EXISTING SITE PHOTOS

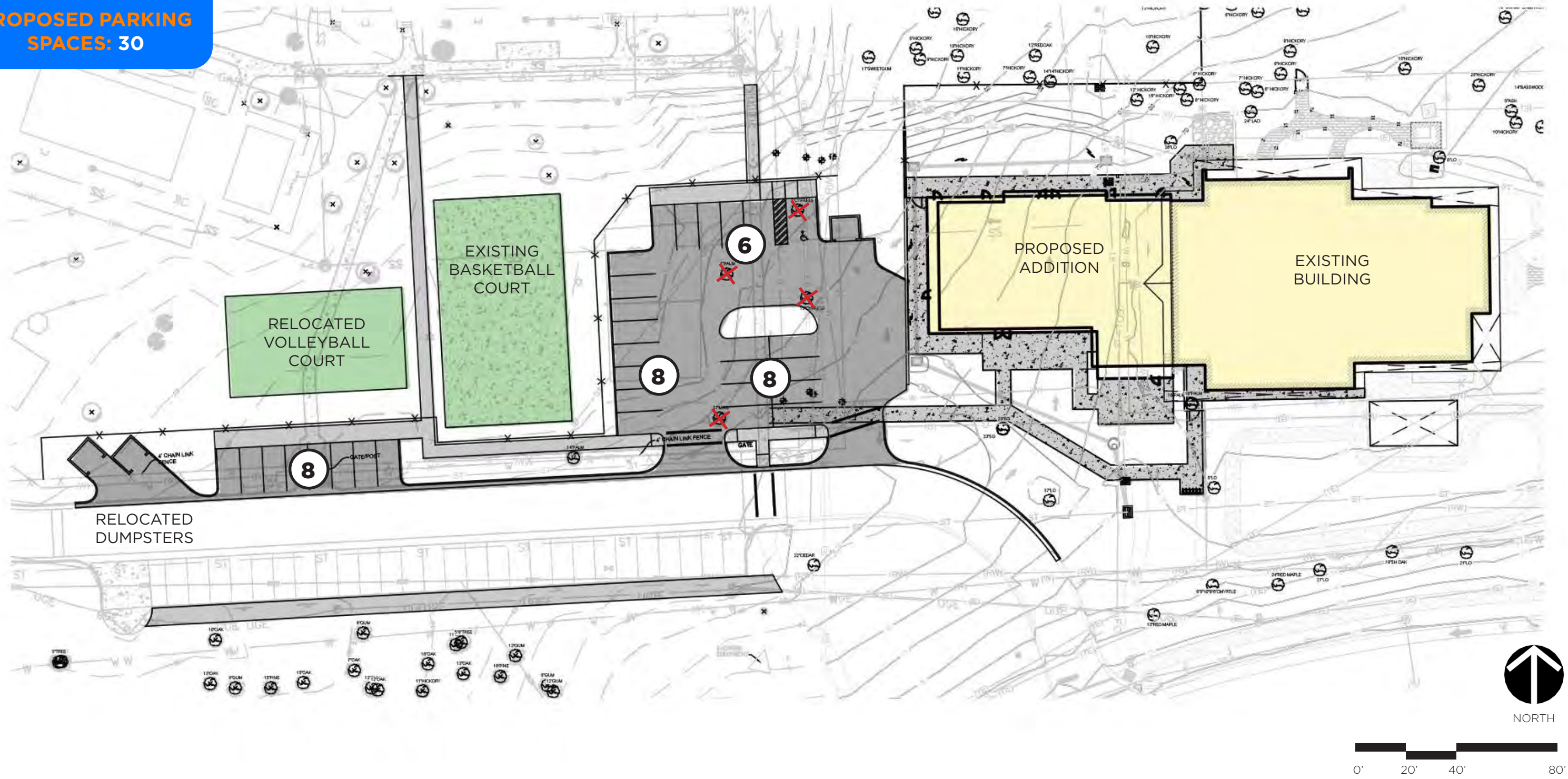


OVERALL SITE PLAN - PHASE 1



OVERALL SITE PLAN - PHASE 2

EXISTING PARKING SPACES: 29
PROPOSED PARKING SPACES: 30



SITE LANDSCAPE PLAN - ENLARGEMENT



TREE MITIGATION SUMMARY

TREE MITIGATION TOTALS BABY GATOR (CURRENT)

REGULATED TREES TO REMOVE:

23" SWEET GUM
±12' CT SABAL PALM

HERITAGE TREES TO REMOVE:

NONE

TREE MITIGATION TOTALS PARKING LOT (FUTURE)

REGULATED TREES TO REMOVE:

7" BALD CYPRESS
15" BALD CYPRESS
±12' CT SABAL PALM

HERITAGE TREES TO REMOVE:

27" MAGNOLIA



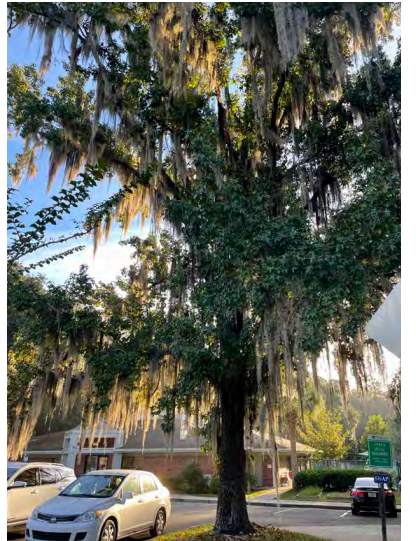
LEGEND:

- BALD CYPRESS TO REMOVE
- SWEET GUM TO REMOVE
- PALM TO REMOVE
- MAGNOLIA TO REMOVE

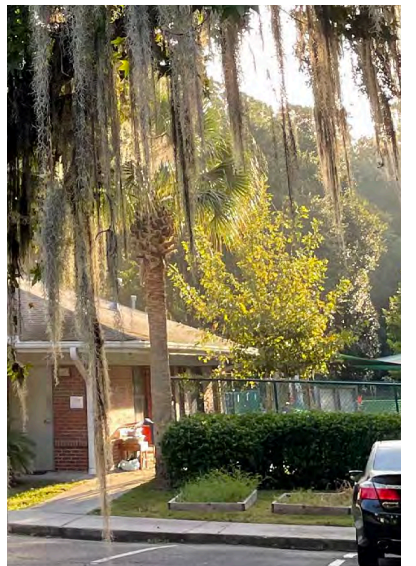
2 - BALD CYPRESS (7" AND 15")



1 - SWEET GUM (23")



1 - SABAL PALM (±12' CT)



1 - SABAL PALM (±12' CT)



1 - 27" MAGNOLIA



TREE MITIGATION SUMMARY

TREE MITIGATION TOTALS:

REGULATED TREES TO REMOVE:
56) TOTAL TREES

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

HERITAGE TREES TO REMOVE:
27" Magnolia

TOTAL TREES REQUIRED FOR HERITAGE TREE MITIGATION:
6 TREES

TOTAL MITIGATION REQUIRED:
(16) TREES

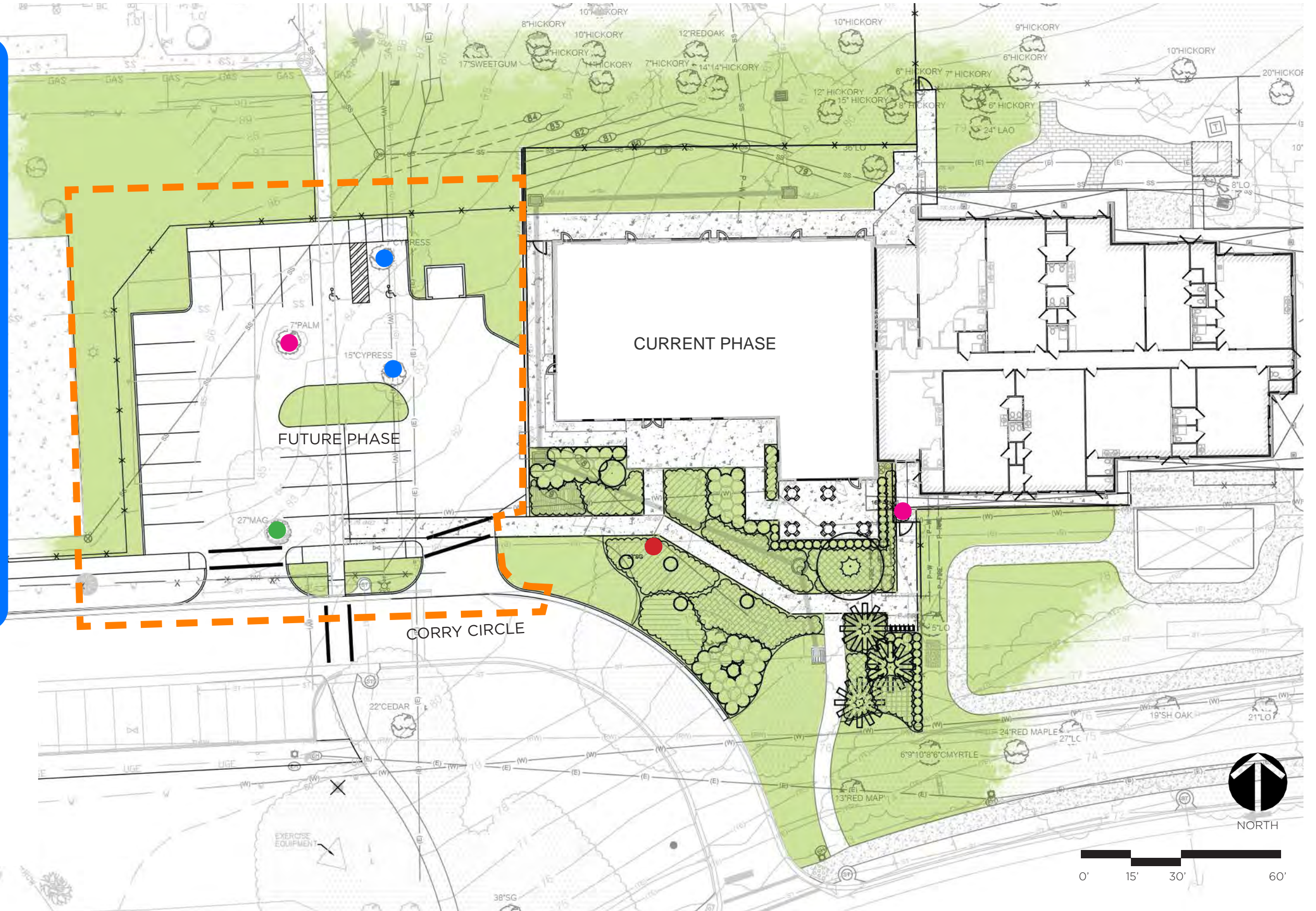
TOTAL MITIGATION PROPOSED (BABY GATOR):
(5) TREES

TOTAL MITIGATION TO BE PROPOSED (FUTURE):
(11) TREES

* MITIGATION TREES WILL BE PLANTED BACK ON SITE WITH SPECIES CONSISTENT WITH THE LANDSCAPE MASTER PLAN.

LEGEND:

- BALD CYPRESS TO REMOVE
- SWEET GUM TO REMOVE
- PALM TO REMOVE
- MAGNOLIA TO REMOVE



PLANT PALETTE

TREES



Ilex x 'Nellie R. Stevens'
Nellie R. Stevens Holly



Sabal palmetto
Sabal Palm



Elaeocarpus decipiens
Japanese Blueberry Tree

SHRUBS & GROUNDCOVERS



Agapanthus, spp.
Agapanthus



Apidistra elatior
Cast Iron Plant



Camellia japonica
Japanese Camellia



Cyrtomium falcatum
Holly Fern



Liriope muscari 'Emerald Goddess'
Emerald Goddess Lilyturf



Muhlenbergia capillaris
Muhly Grass



Podocarpus
Podocarpus



Raphiolepis indica 'Eleanor Taber'
**Eleanor Taber
Indian Hawthorn**



Viburnum obovatum
Mrs. Schiller's Viburnum

Note: All plant material is UF per the Landscape Master Plan



UNIVERSITY OF FLORIDA CREEK SEDIMENT MAINTENANCE

LVL COMMITTEE 04/14/2022



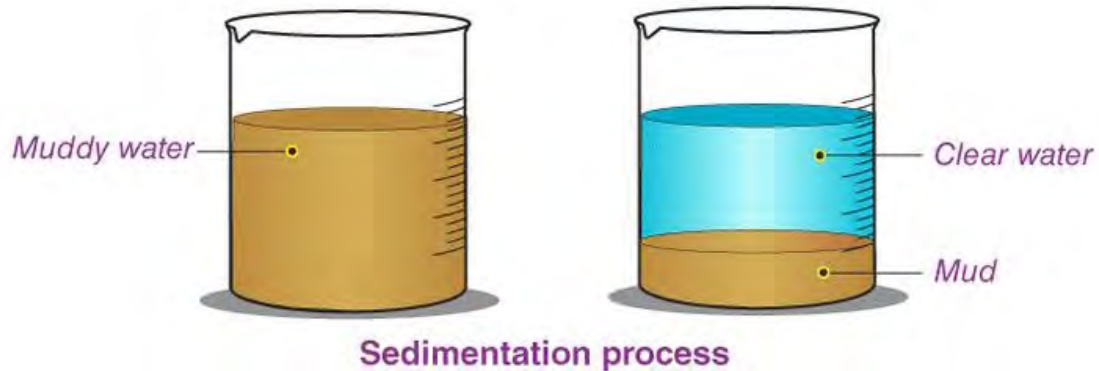
AGENDA

1. **Creek Sedimentation**
2. Maintenance Area I
 - Center Drive Bridge to Substation 2 Retention Basin
3. Equipment





CREEK SEDIMENTATION



Sediment is the loose sand, clay, silt, and other soil particles that settle at the bottom of a body of water.

The EPA lists sediment as the most common pollutant in rivers, streams, lakes and reservoirs.

The most concentrated sediment releases come from construction activities.

- Natural Erosion – 30% of total sediment in USA
- Accelerated Erosion due to Human Use of Land – 70% of total sediment in USA



WHAT'S THE PROBLEM WITH CREEK SEDIMENTATION?

Sediment deposits can alter the flow of water and reduce water depth, which may lead to flooding.

Nutrients transported by sediment can activate algal blooms.

Water polluted with sediment becomes cloudy, preventing animals from seeing food.

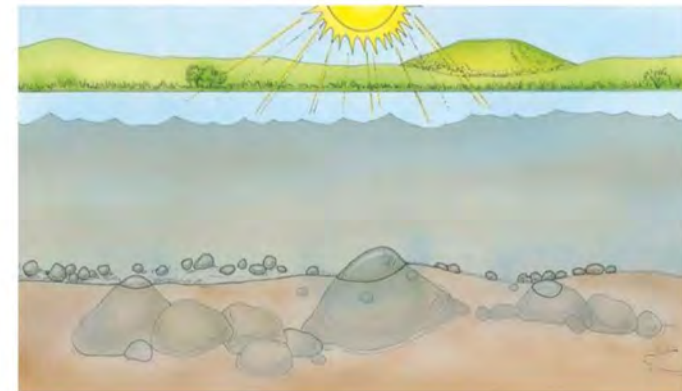
Murky water prevents natural vegetation from growing in water.

Sediment in stream beds disrupts the natural food chain by destroying habitats where the smallest stream organisms live.

(a) Stream ecosystem with low level of sediment



(b) Same stream with high level of sediment



AGENDA

1. Creek Sedimentation
2. **Maintenance Area I**
 - **Center Drive Bridge to Substation 2 Retention Basin**
3. Equipment





WORK AREA I

- Creek from Center Drive Bridge to Substation No. 2. Retention Basin.
- Approximately 1,780 cubic yards to be removed.
- Targeted sediment removal
 - Only removing build-up that is already impairing the creek bed ecosystem.
 - Natural areas will be left undisturbed.





WORK AREA I



AGENDA

1. Creek Sedimentation
2. Maintenance Area I
 - Center Drive Bridge to Substation 2 Retention Basin
3. **Equipment**





EQUIPMENT

DINO6 SEDIMENT REMOVAL SYSTEM



- Water based vs. Shore based dredging
 - Minimizes disturbance to creek banks
- Sediment waste will be placed in an Envirotube geotextile bag for dewatering.
- Dewatered soil will be reclaimed by the Grounds Department to reuse in other areas of campus.

The Baughman Meditation Center MP03360

LVL 4/14/22 – For Information Only

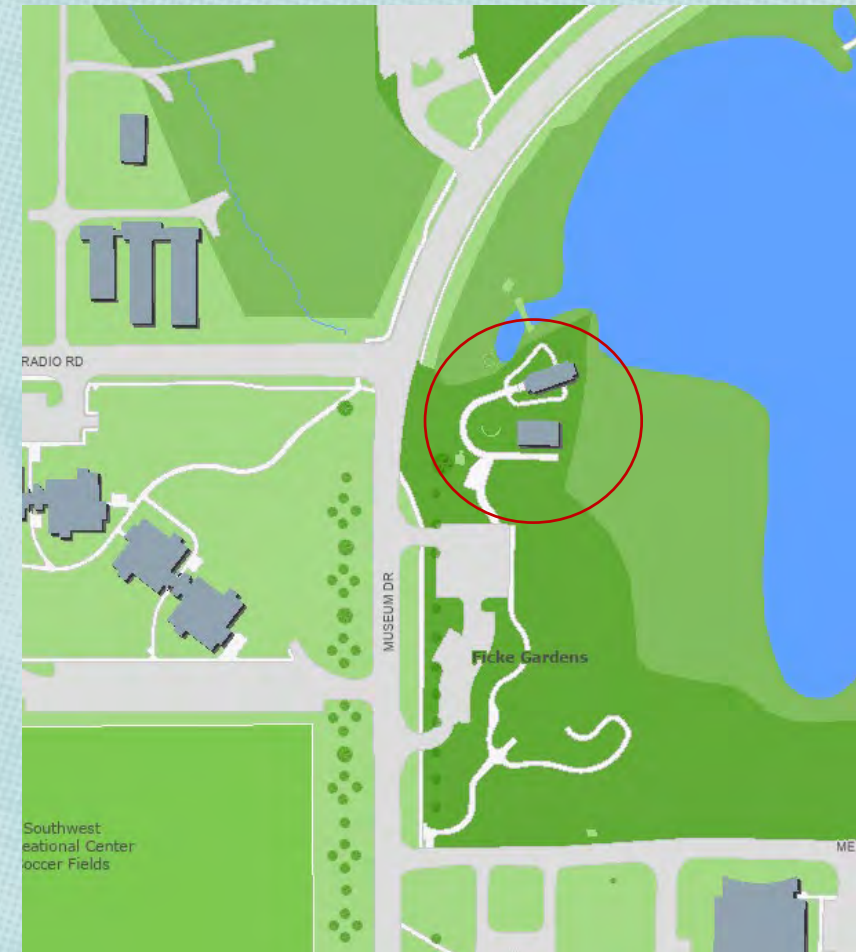
Project Manager: Greg Roberts

Presenter: Cydney McGlothlin, University Architect



Project Overview

- Replace the existing siding due to wood rot around the building
- Budget = \$320,000
- Tentative Construction Timeline: July - September



Existing Conditions

- Wood rot in existing painted pine siding



Hawk's Nest

- Identified Red-Shouldered Hawk Nest
 - Protected in North America under the **Migratory Bird Act**
 - Upon discovery, construction rescheduled to mid July in order to not disrupt nesting season



Proposed Cypress Siding



- Vertical Alignment

The background image shows a large, multi-story brick building with many windows. In the foreground, there is a large sculpture of a globe with a snake coiled around it. The scene is overlaid with a blue and yellow color gradient and some abstract geometric patterns.

Any questions?