

UF-654

**New Undergraduate Residential Complex
with Honors College
(UF-654 NUR w/Honors)**

Design Development Approval

LUFPC Committee Presentation

May 3, 2022

Stuart Cullen, Sr. Project Manager

UF Planning Design & Construction

Chad Doering, Director, Facilities Management

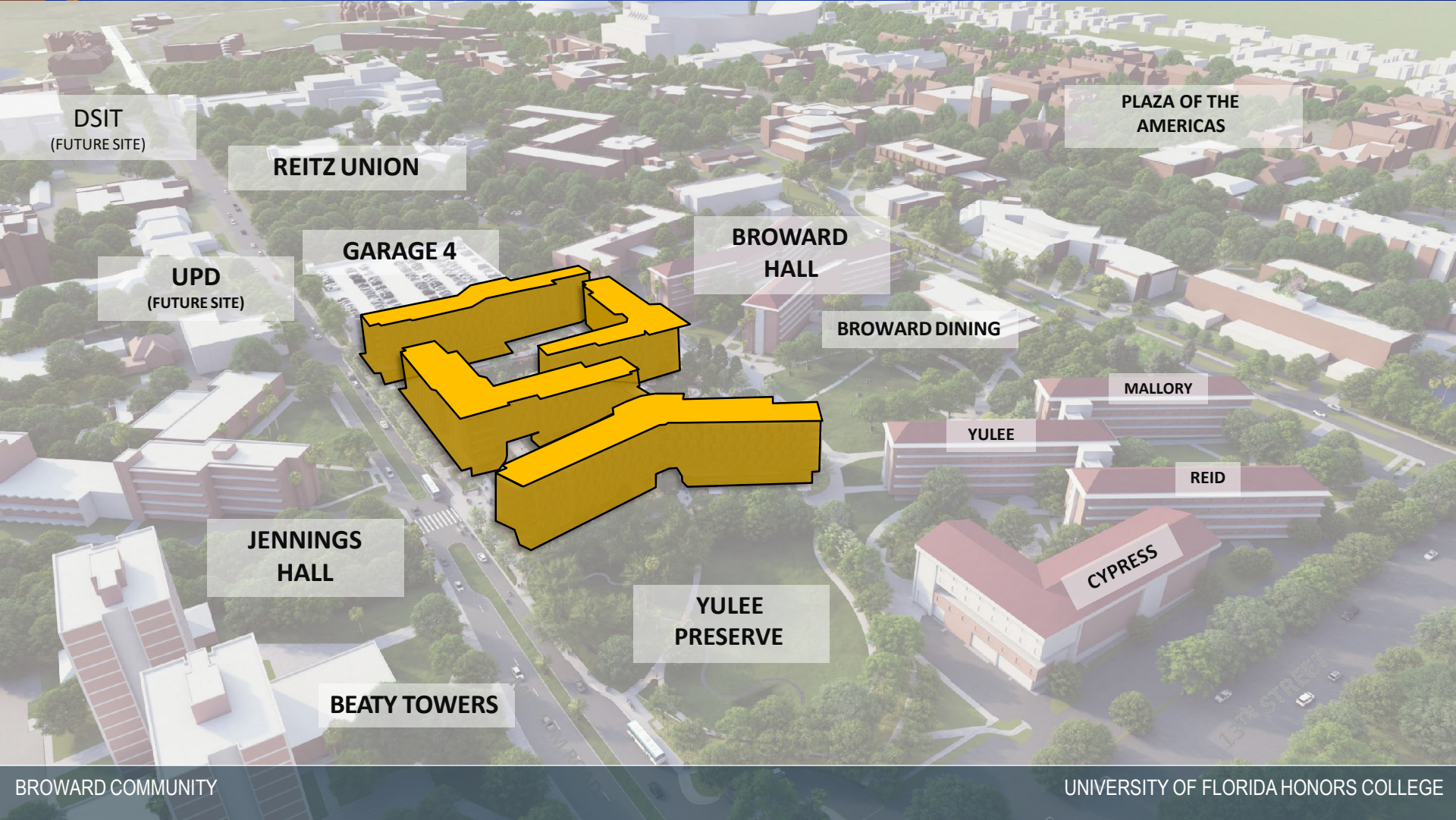
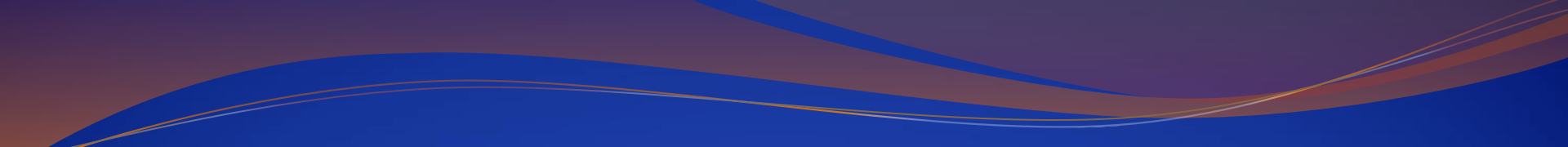
Housing & Residence Life

UF-654 NUR w/Honors

- Location
- Background
- Current Design
- Status & Schedule

UF-654 NUR w/Honors





DSIT
(FUTURE SITE)

REITZ UNION

PLAZA OF THE AMERICAS

UPD
(FUTURE SITE)

GARAGE 4

BROWARD HALL

BROWARD DINING

MALLORY

YULEE

REID

JENNINGS HALL

YULEE PRESERVE

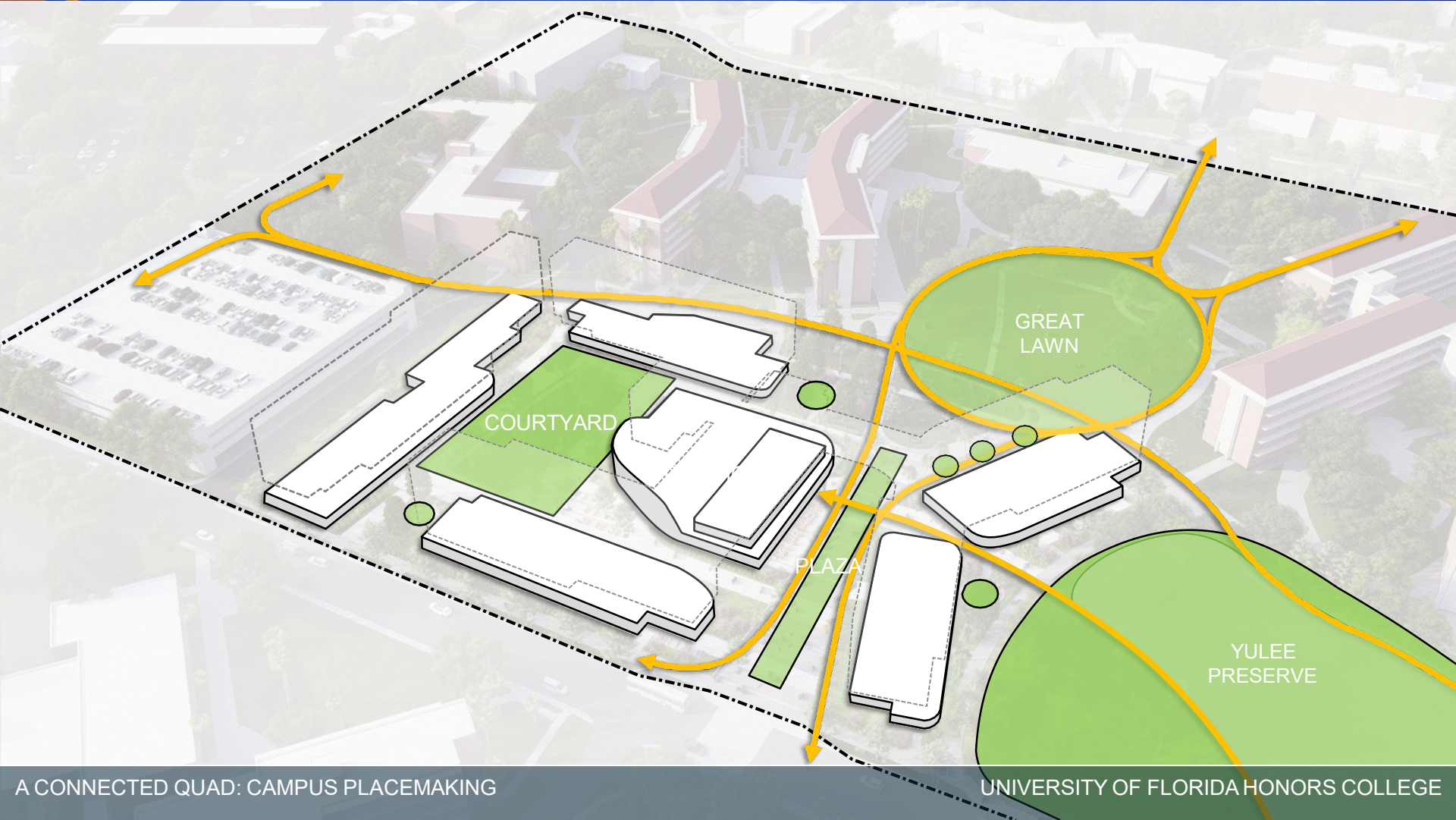
CYPRESS

BEATY TOWERS

15th STREET

BROWARD COMMUNITY

UNIVERSITY OF FLORIDA HONORS COLLEGE



GREAT
LAWN

COURTYARD

PLAZA

YULEE
PRESERVE

A CONNECTED QUAD: CAMPUS PLACEMAKING

UNIVERSITY OF FLORIDA HONORS COLLEGE

UF-654 NUR w/Honors



UF Committee Progression:

❖ Architectural Review (ARC)

- ❖ 12/2020, multiple submittals/discussions with UA

❖ Preservation & Historic Buildings (PHBSC)

- ❖ 6/2020, 12/2020

❖ Lakes, Vegetation, & Landscape (LVL)

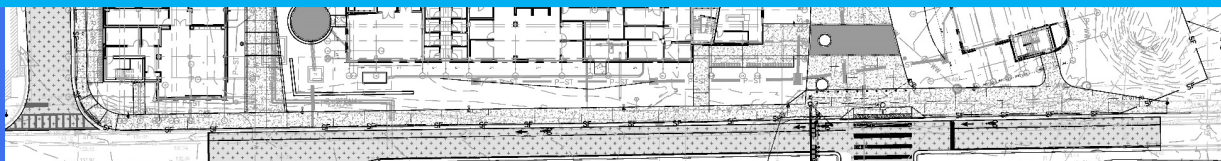
- ❖ 6/2020, 12/2020, 9/2021, 1/2022

❖ Parking & Transportation (PATAC)

- ❖ 6/2020, 1/2021, 4/2022

❖ Land Use & Facilities Planning (LUFPC)

- ❖ 7/2020, 2/2021, 5/2022



UF-654 NUR w/Honors

Schedule

- Design
 - CCD – 4/2022
- Construction
 - Start – 10/2021
 - Finish – 7/2023



UF-654 NUR w/Honors



REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

TO:	The LVL Committee	FOR:	05/03/2022 LUFPC 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	The committee will review and recommend approval/denial of general site suitability - having evaluated impacts to trees, landscape, natural areas, and lakes.	N/A. Priority item #12 of UF LMP.	Oct. 2018
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.	ASD Approved • Note relocation of the "UF" inlaid mosaics.	Feb 2022
DESIGN DEVELOPMENT	The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.	Upcoming, pending schematic approval	May 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. Since SD approval, additional coordination with Astronomy and WWTP has occurred. Note relocation of the "UF" inlaid mosaic panels has been incorporated.

OBJECTIVES:

- DD approval.

PROJECT PHASE AND PRESENTATION NARRATIVE:

Design Development (DD)

The shared use path, one of the Landscape Master Plan priority projects (#12), interconnects multiple academic / research land uses (Physics, DSIT) with the urban park use, both of which are noted in the 2020-2030 Future Land Use map (Figure 2-1). The pathway connects in an area largely free of macro constraints (as noted in Figure 2-3 "Natural and Man-Made Composite Constraints"). DD approvals have been issued by PATAC and LVL in April. Additionally, coordination has occurred with Physics, the WWTP, and Astronomy. Also see DD submittal.

ENCLOSURES:

1. CMP Checklist
2. Presentation Set

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 type="checkbox"/> Concept	<input type="checkbox"/> Concept	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; - Note: LVLC and PHBSC (if applicable) approval recommendation required <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		

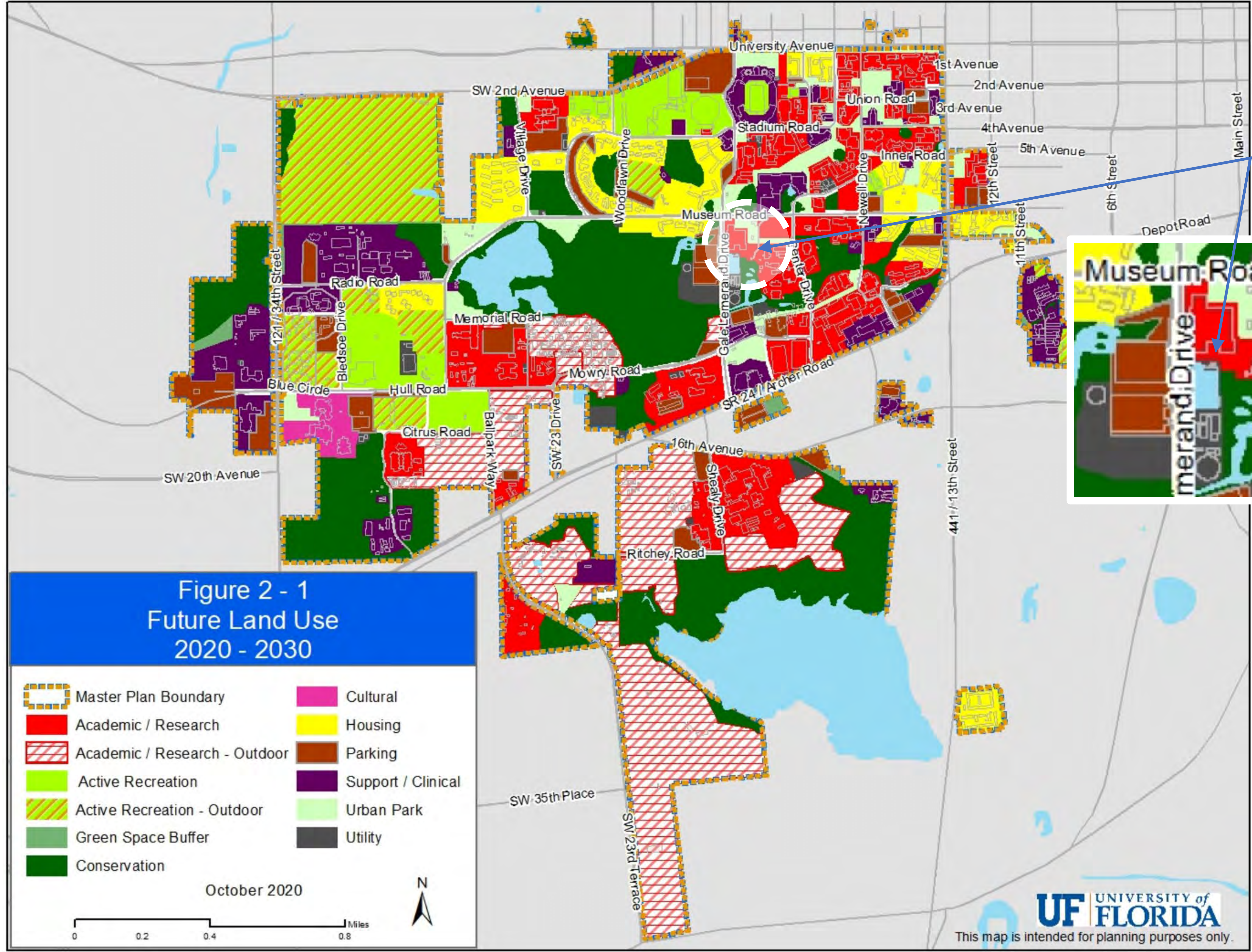
Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD					
				SCHEMATIC DESIGN			DESIGN DEVELOPMENT		
	YES	NO	NA	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; OR <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; OR <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

LUFPC Committee Meeting
May 3, 2022





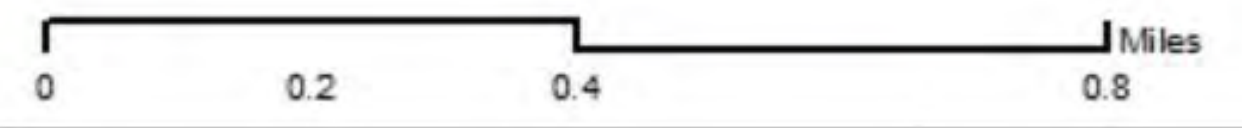
PROJECT SITE



**Figure 2 - 1
Future Land Use
2020 - 2030**

- | | |
|-------------------------------|--------------------|
| Master Plan Boundary | Cultural |
| Academic / Research | Housing |
| Academic / Research - Outdoor | Parking |
| Active Recreation | Support / Clinical |
| Active Recreation - Outdoor | Urban Park |
| Green Space Buffer | Utility |
| Conservation | |

October 2020



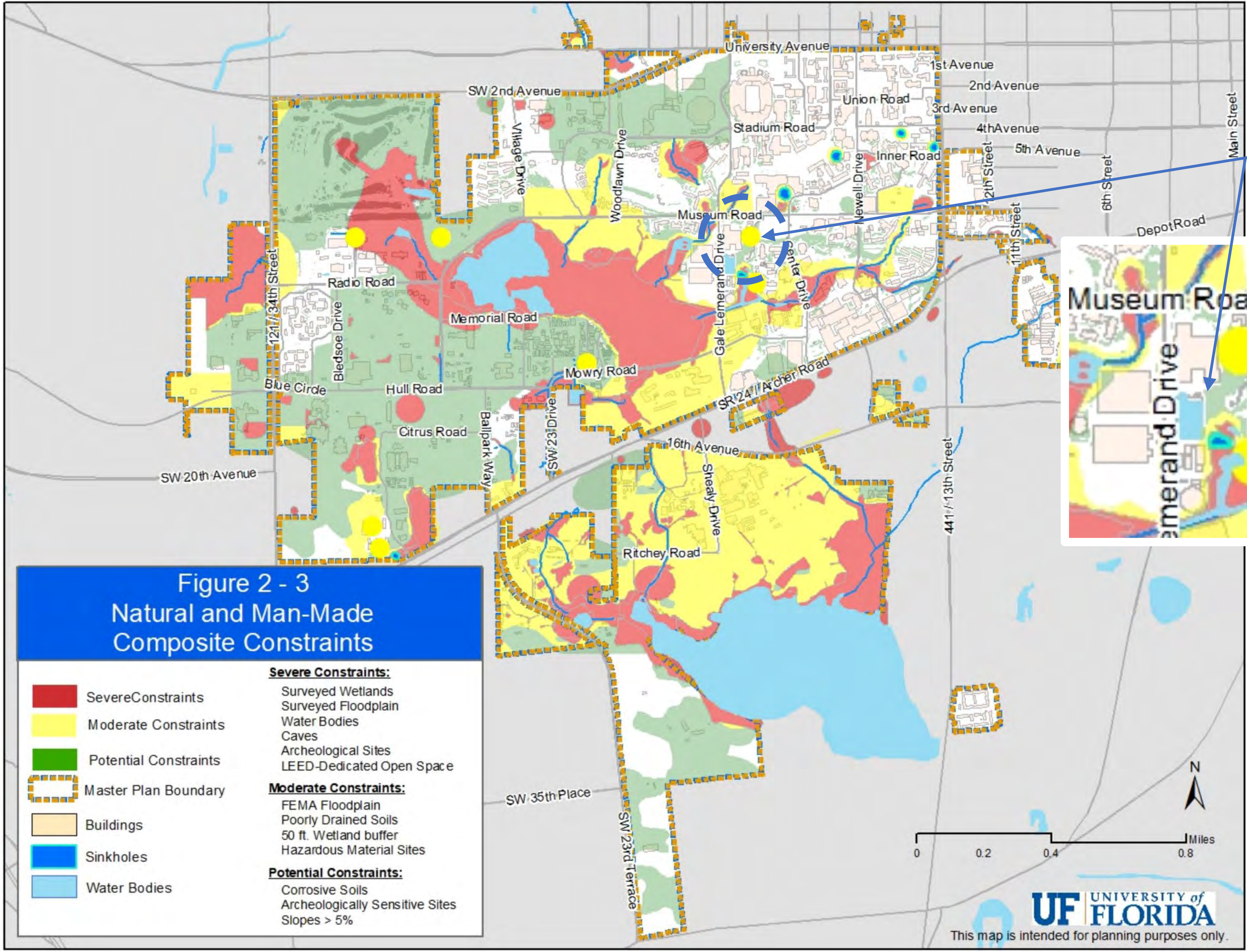
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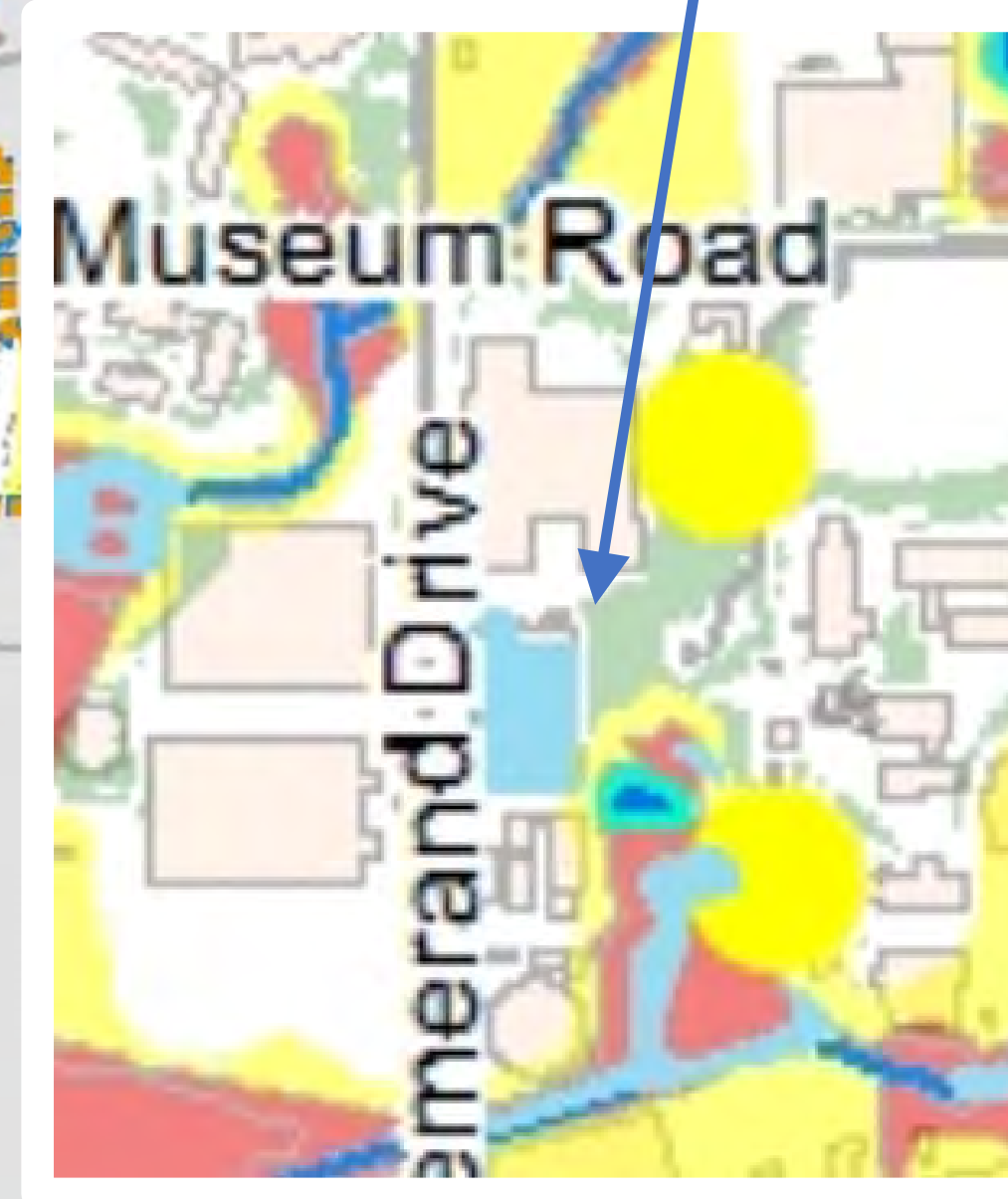
UFLMP PHYSICS SHARED USE PATH Future Land Use Map

Gainesville, FL
ML+H Project No. 21.38.0





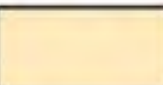


5.3.2022



PROJECT SITE

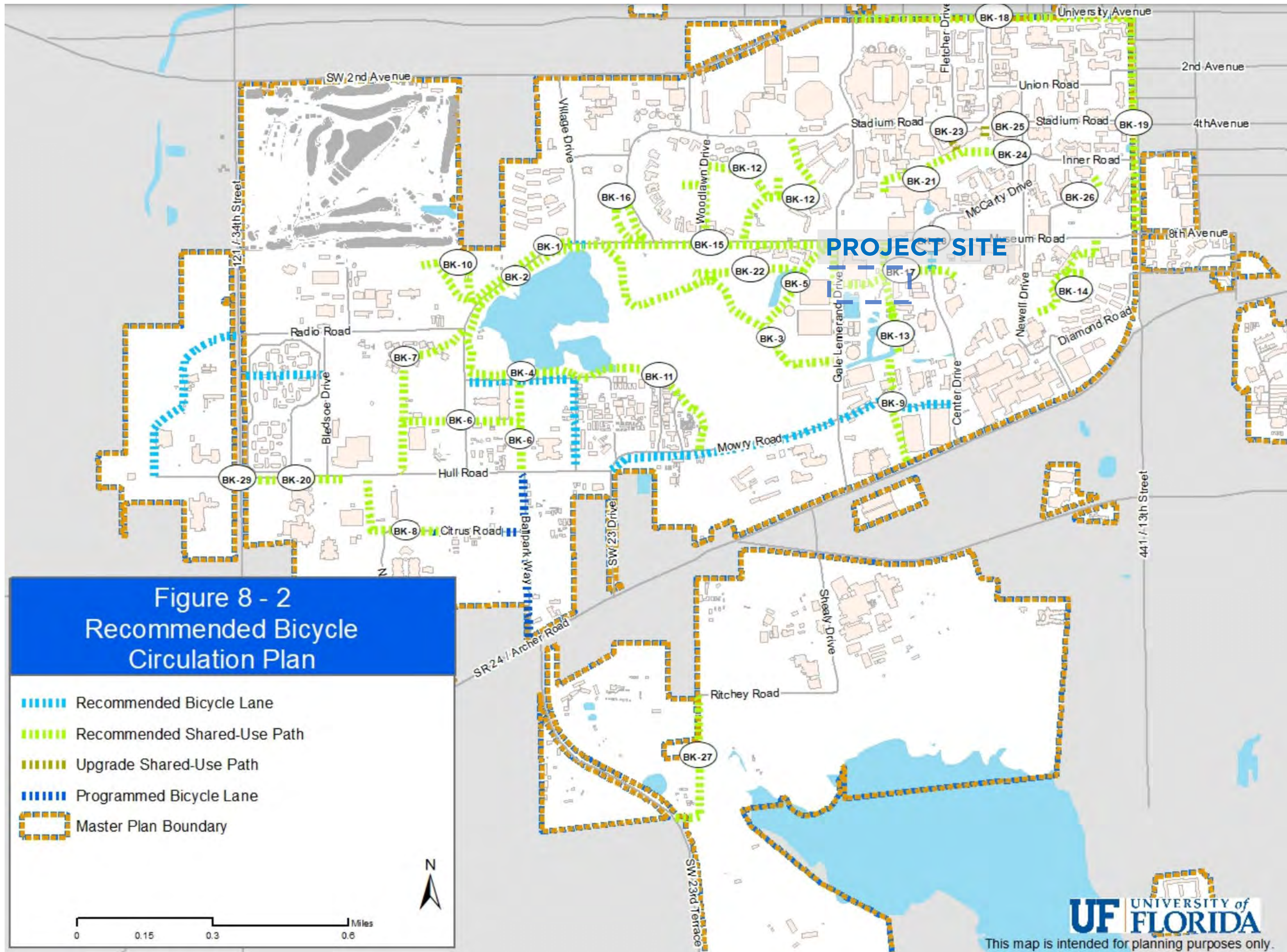


**Figure 2 - 3
Natural and Man-Made
Composite Constraints**

	Severe Constraints	Severe Constraints:	Surveyed Wetlands Surveyed Floodplain Water Bodies Caves Archeological Sites LEED-Dedicated Open Space
	Moderate Constraints	Moderate Constraints:	FEMA Floodplain Poorly Drained Soils 50 ft. Wetland buffer Hazardous Material Sites
	Potential Constraints	Potential Constraints:	Corrosive Soils Archeologically Sensitive Sites Slopes > 5%
	Master Plan Boundary		
	Buildings		
	Sinkholes		
	Water Bodies		

This map is intended for planning purposes only.







MUSEUM DR.

PHELPS LAB

PHYSICS BUILDING

PROJECT SITE

GALE LEMRAND DR.

SWEETWATER DR.

CENTER DR.

PSYCHOLOGY DEPARTMENT

BENTON HALL

MAE

LARSON HALL

OBSERVATORY

NANOSCALE RESEARCH CENTER

CHEMICAL ENGINEERING

NEW ENGINEERING BUILDING

WATER RECLAMATION FACILITY

TAP

PARKING GARAGE 5

500 ft

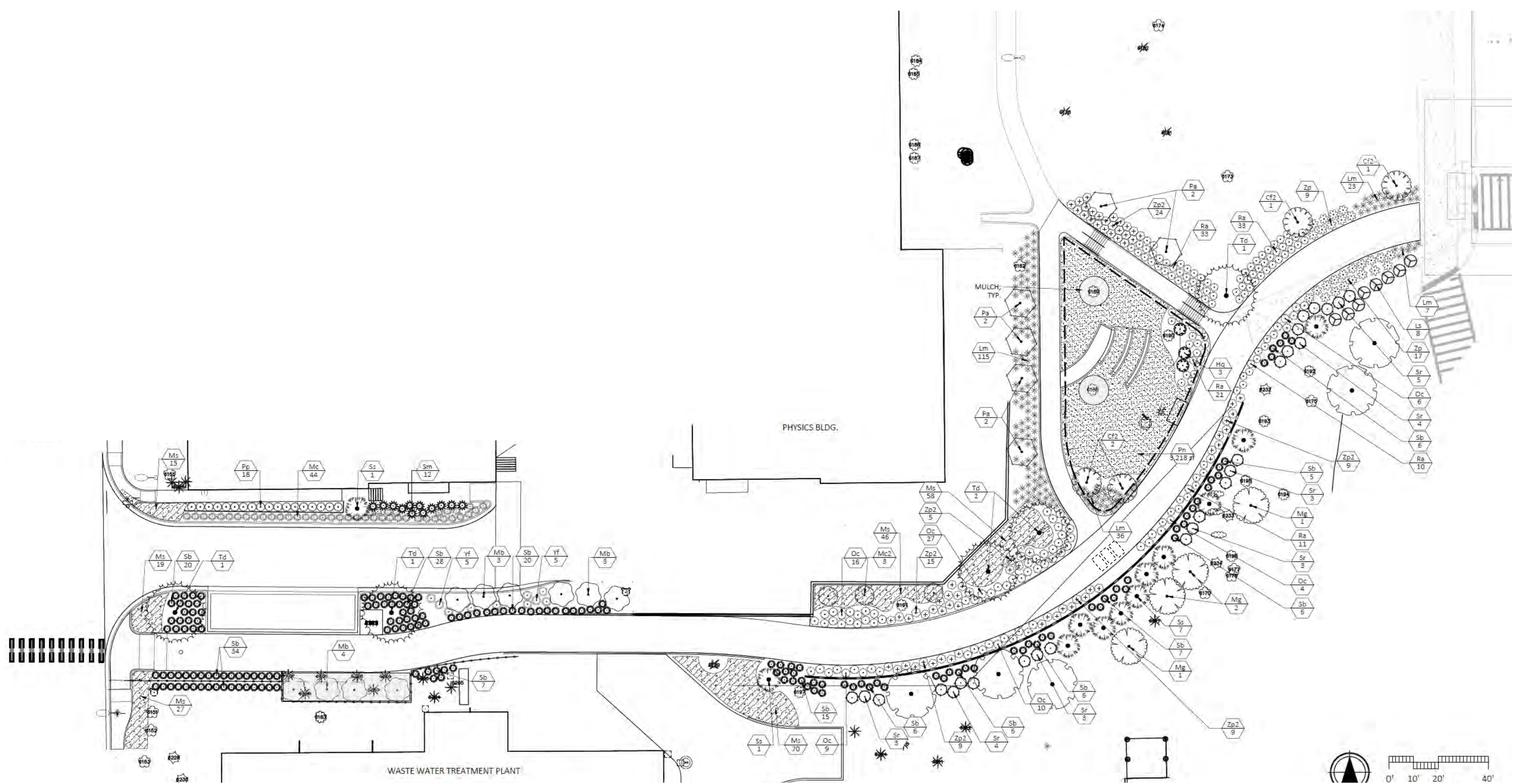


UFLMP PHYSICS SHARED USE PATH Context

Gainesville, FL
ML+H Project No. 21.38.0

5.3.2022





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 Mosaics**.

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:

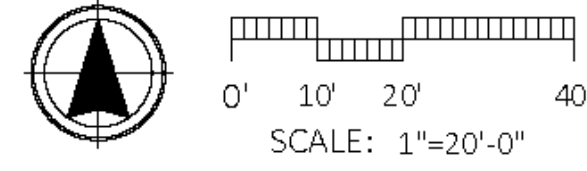
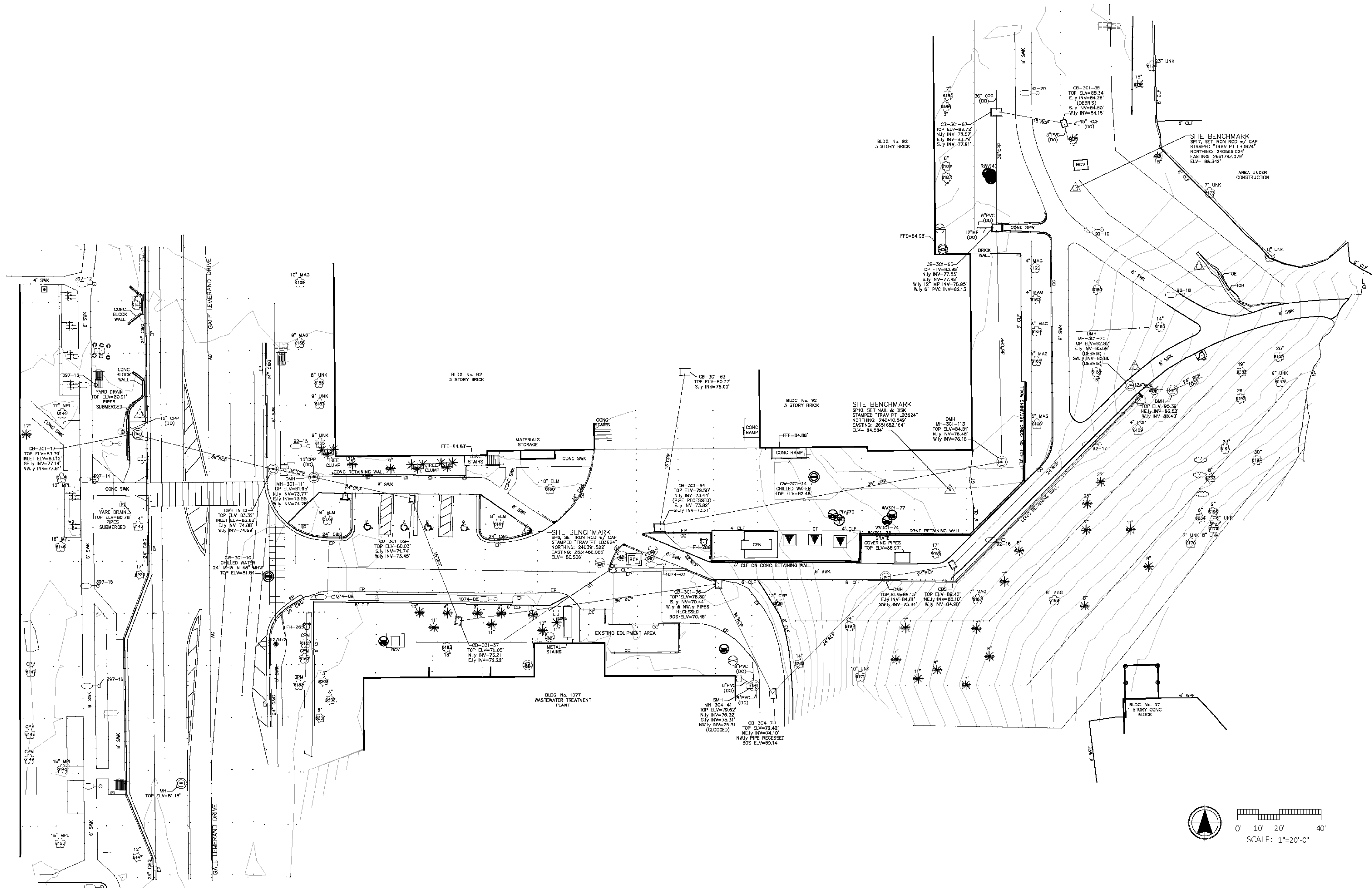
- **Bollard lights are preferred** over pole lights due to reduced light pollution.
- Existing down-lights on-site work well. **Relocate existing down-lights** where possible.
- The **viewshed to the north** should remain clear of tall trees.

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.



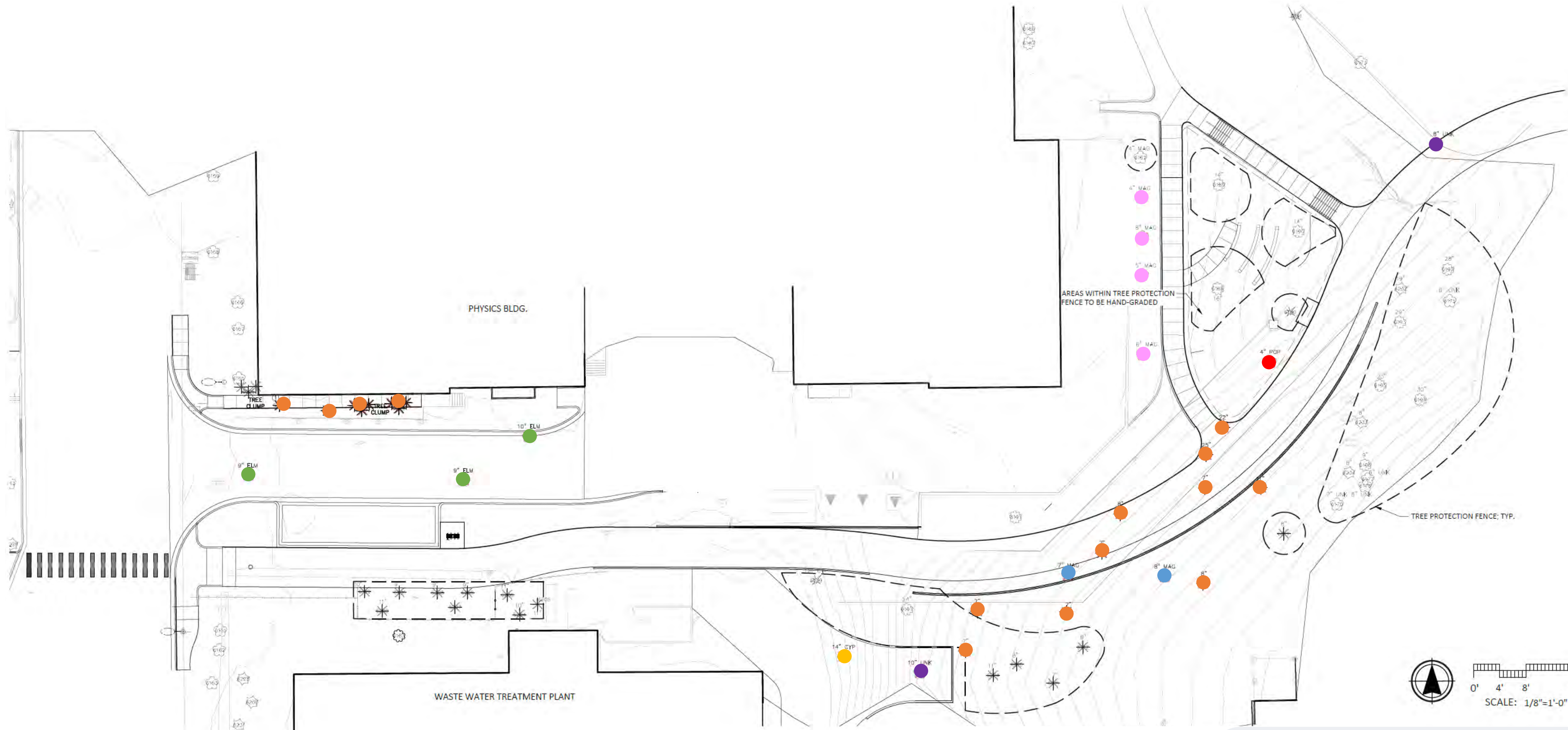
UFLMP PHYSICS SHARED USE PATH Existing Site Conditions

Gainesville, FL
ML+H Project No. 21.38.0

5.3.2022



www.halback.com | Florida Qualifier LA6667110

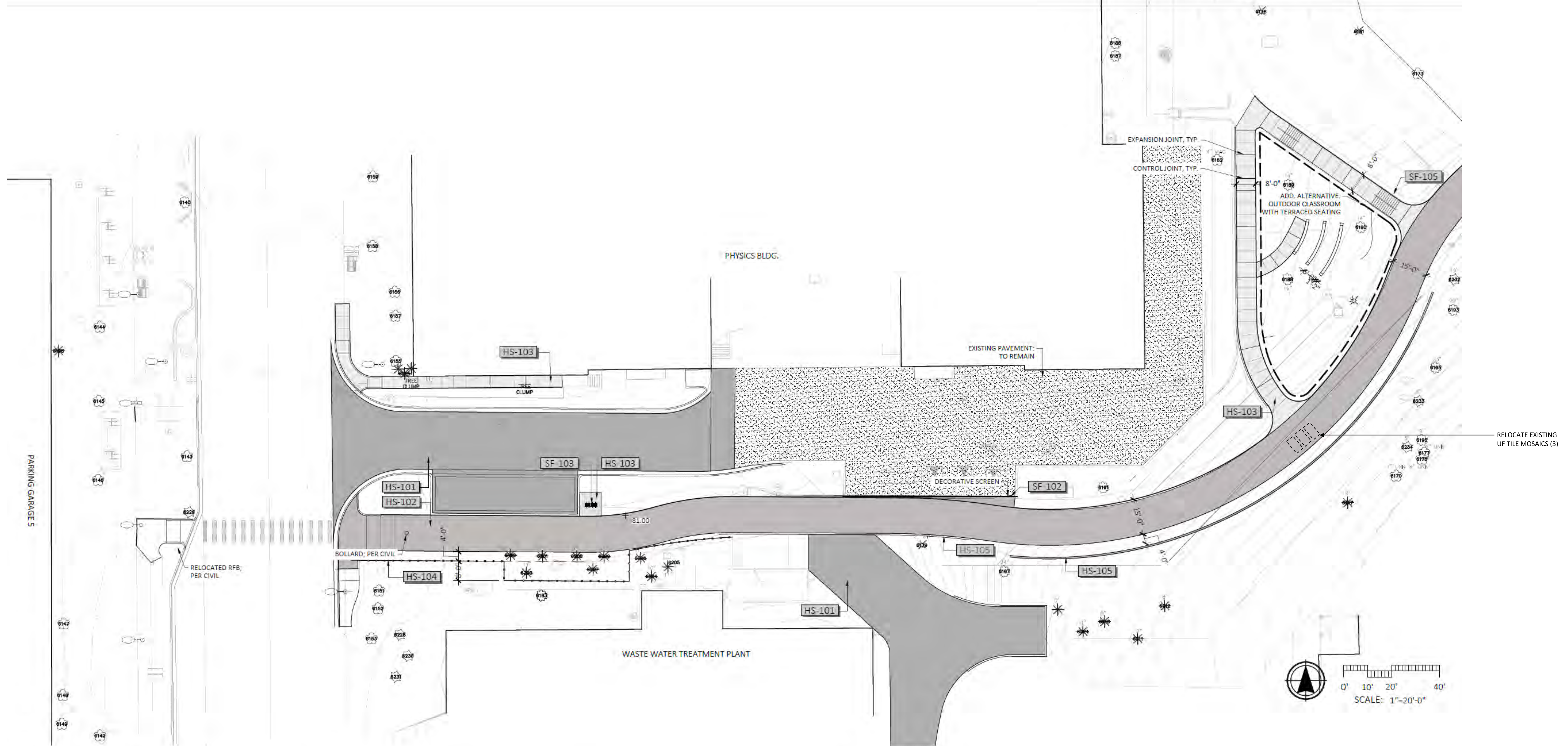


Legend

- 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		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	65 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

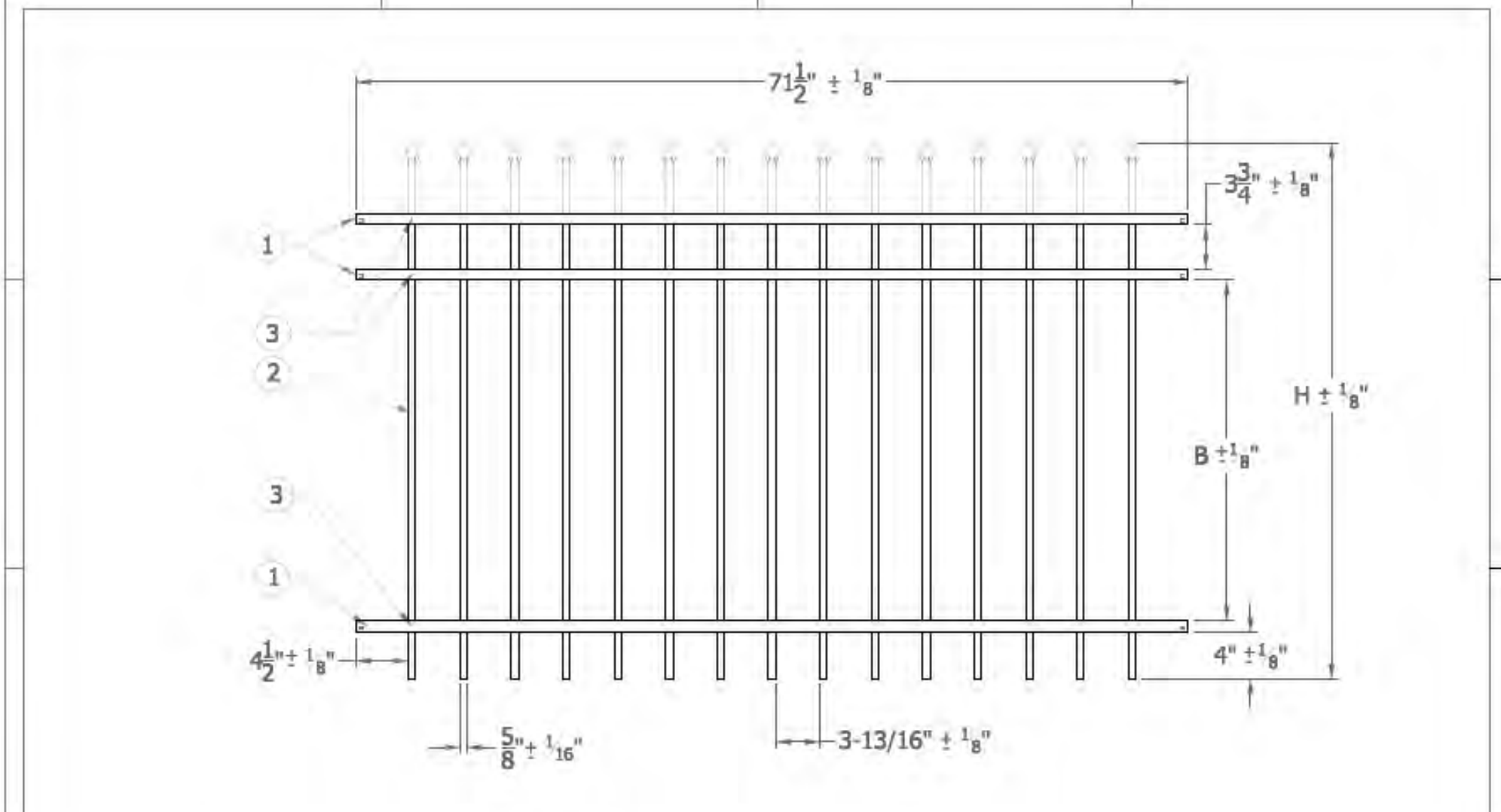
Color & Pattern: Uncolored

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.

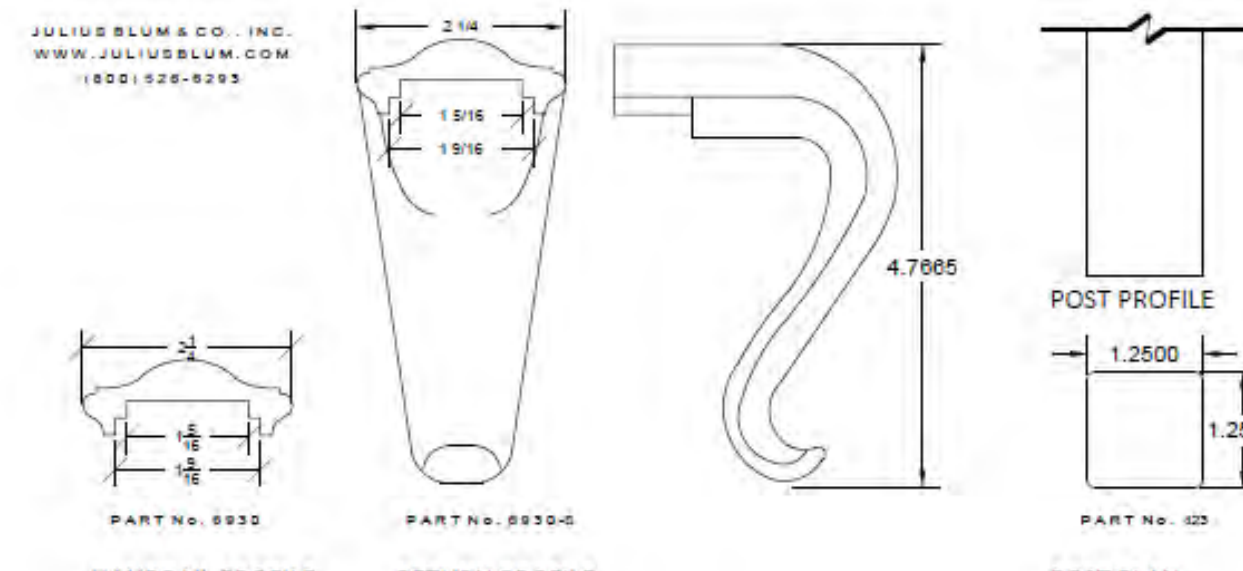
Panel Part No.	H	B
721752	48" (1168MM)	28-1/4" (743MM)
721762	58" (1473MM)	41-1/4" (1048MM)
721772	70" (1778MM)	53-1/4" (1353MM)

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

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

BY: wjm
DATE: 12-16-2008
REV:
REV DATE:
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 PLAN PART NO. 89

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.

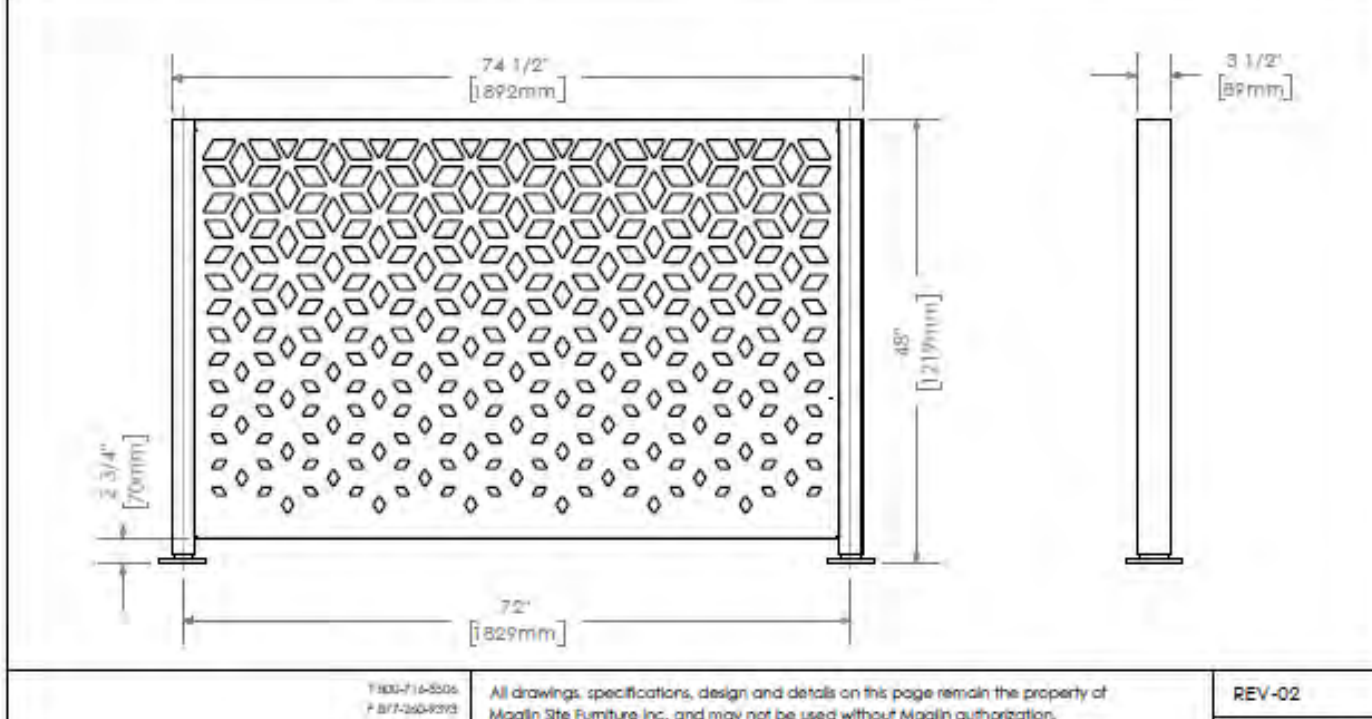
FINISH: All steel components are protected with E-coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.

INSTALLATION: Flexx 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: Flexx 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)

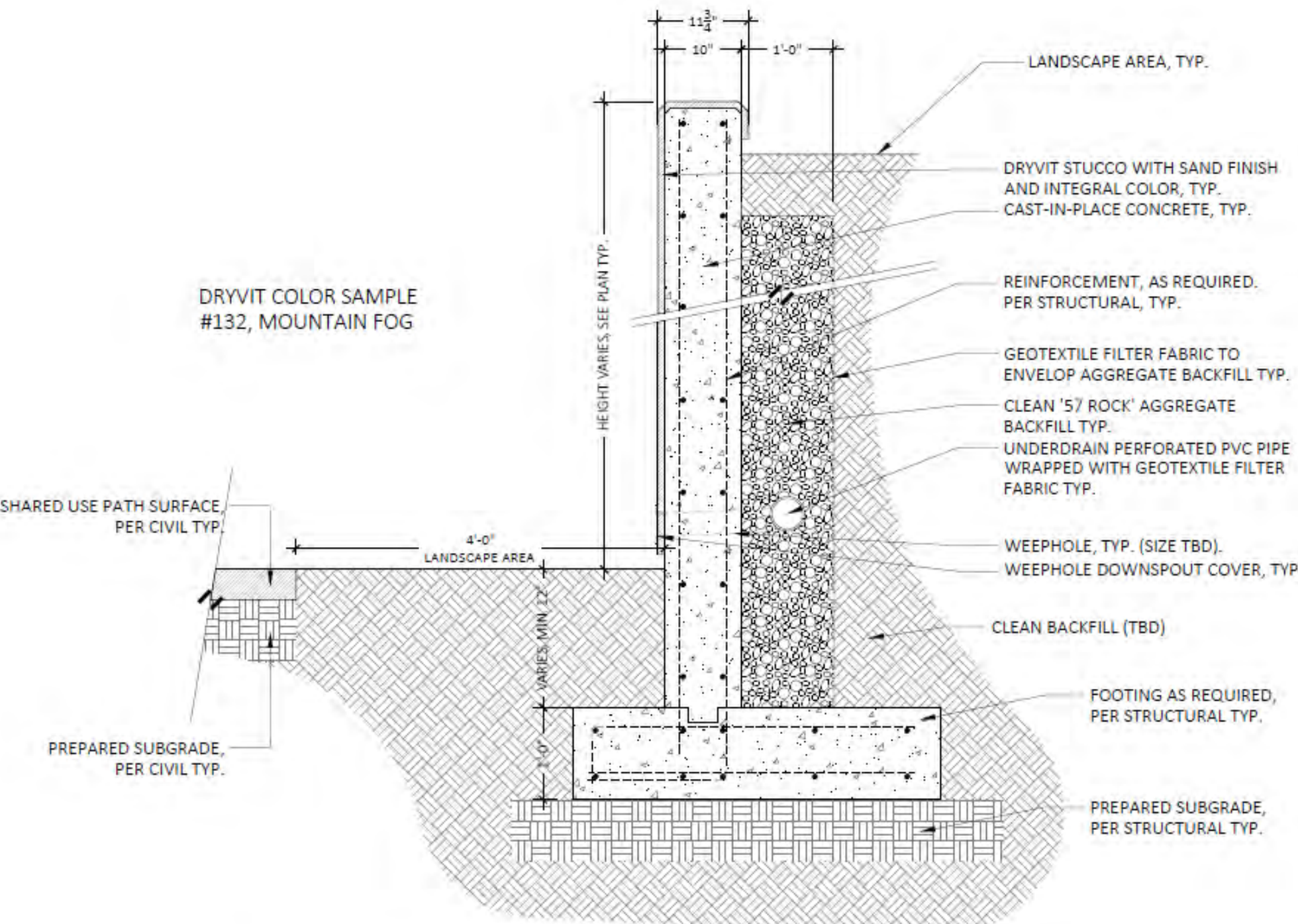


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REV-02
SCALE (A) 1:20

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.

DRYVIT COLOR SAMPLE #132, MOUNTAIN FOG

HEIGHT VARIES, SEE PLAN TYP.

4'-0" LANDSCAPE AREA

MIN. 12"

1'-0"

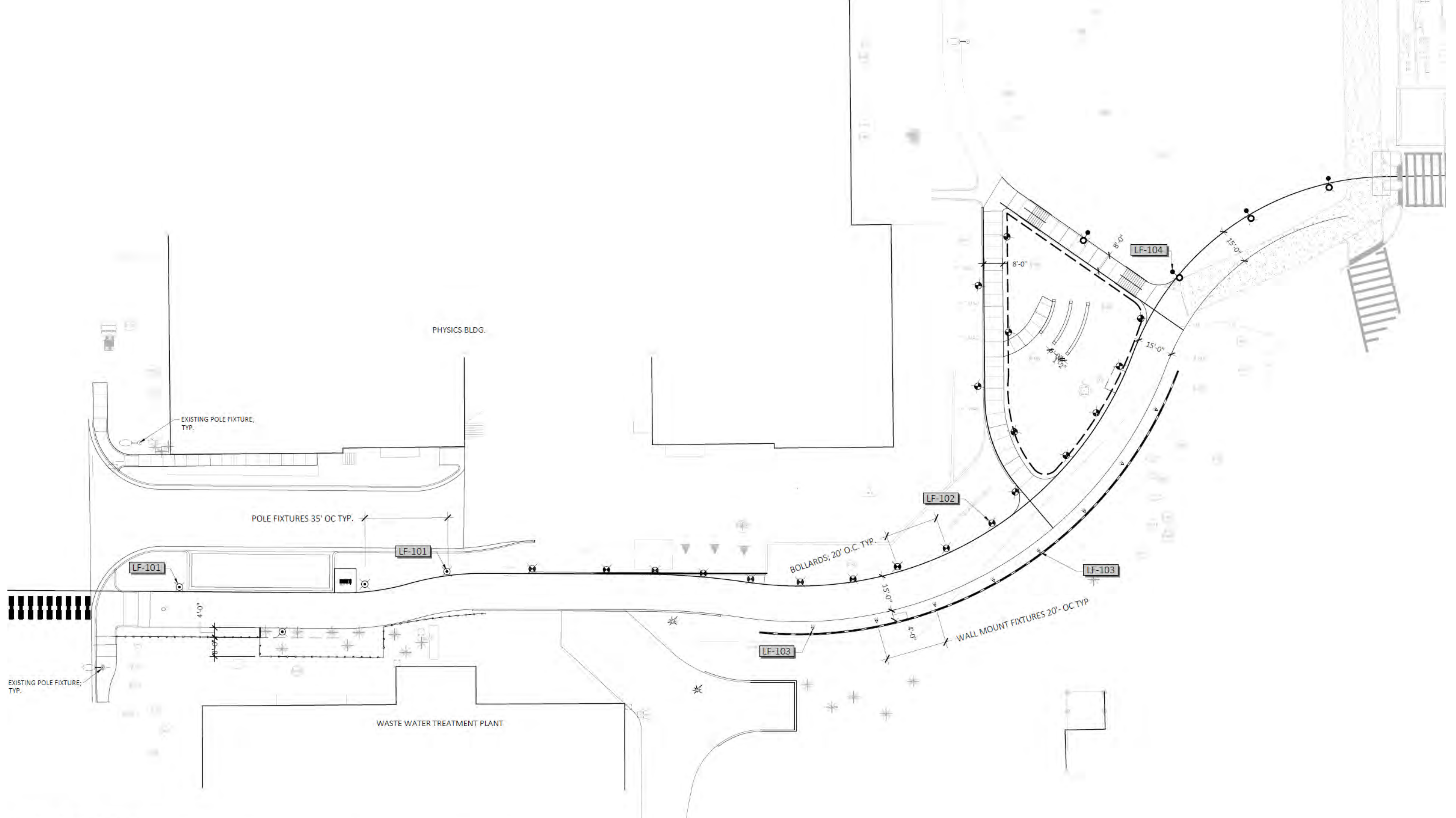
1'-0"

1'-0"

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

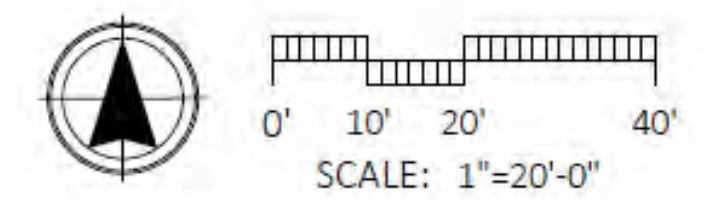


Progress shots, 03.31.22



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

5.3.2022

32-432

Ornamental Bollards

390 LB RICHMOND LIGHTED BOLLARD SPECIFICATIONS

GENERAL
The Model 390LB decorative lighted bollard shall be cast aluminum, one-piece construction. The 12" diameter cast aluminum detail base shall be constructed with a 2 1/4" diameter straight threaded cast aluminum shaft. The shaft shall be Sternberg Lighting's 390LB lighted bollard or 390LB-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 base cast as an integral part of the base. The bollard top shall be cast aluminum. The overall height of the bollard shall be 42".

ELECTRICAL
The optical assembly shall be constructed of twelve flared springs with a white acrylic lens. All electrical components shall be UL approved. The LED light shall be high power factor with long burning down to 40 degrees C. Minimum beam pattern shall be 40° beam. The bollard's optical assembly shall be pre-wired. Electrical output fluorescent (FL) ballasts shall be located on the bollard with a starting temperature of down to 9 degrees F. 120V shall have a 1/2" gap between and support quick release base lamp. Ballasts shall be DOBEESA compact.

QUICK RELEASE MOUNTING (Optional)
The Model 390LB-QR shall have a quick release option which allows quick removal of the bollard for correction or emergency access. The bollard part shall be made of 316 alloy. The base shall have a keyway and double convex air system for securing to bollard. The bollard shall have a standard extension and anti-rattle key and padlock slot. The quick release system shall allow for a flush pivot or installation after temporary bollard removal.

FINISH
Prior to coating, each assembly shall be thoroughly cleaned and etched in a 5-step coating system which includes alkali cleaning, phosphoric acid pickling, conversion coating, zinc plating and zinc chromate conversion coating. The finish coating shall be electrocoat applied semi-gloss, copper flake polymer powder finish in R90 degree for a durable and superior, color retention finish. Color optional: copper flake, bronze finish and standard finish are hand brushed using a 3-step process. The final assembly shall be wrapped in checkered wrapping or fully enclosed in cartons or crates.

INSTALLATION
Each lighted bollard shall be provided with the post for one quick release ballast and anchor eye. Quick release anchorage requires no anchor bolts. A base shall be provided for wiring and anchor bolt access. It shall be secured with large-profile, stainless steel hardware. Bollard will be provided with a gasket and nut/washer. See base plate support for access door.

WARRANTY See your local warranty. See product and technical literature guide for details.

BUILDING A PART NUMBER

OPTION	DESCRIPTION	OPTION	DESCRIPTION
1	390LB	10	390LB
2	390LB-QR	11	390LB-QR

PART NUMBER SELECTIONS

DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
BALLASTS	LAMPS	STANDARD FINISHES	OPTIONAL FINISHES
10000	10000	10000	10000

3 BOLLARD - LIGHTED
NOT TO SCALE

Outdoor Poles and Brackets

P2560 Straight Round Fluted

Order guide

Product Code	Pole Height	Finish	Outlet Location	Outlet Options
P2560	12	B	T	D

Pole Data

Pole Height	Round	Strength	Fluted	Flange	Base Cover	Base Diameter	Height to Top of Pole
12	4.0	4	Fluted	Flange	Base Cover	10.25	4.75

Specifications
The P2560 is a high-strength, low-weight, proprietary cast aluminum alloy. It is constructed from aluminum 6061-T6 extrusions and aluminum 6061-T6 castings. The base is constructed from aluminum 6061-T6 castings. The pole is constructed from aluminum 6061-T6 extrusions. The pole is constructed from aluminum 6061-T6 extrusions. The pole is constructed from aluminum 6061-T6 extrusions.

WARRANTY
Please refer to www.signify.com for more details on structural and finish warranty.

OUTLET
Standard Duplex Outlet has universal metal weatherproof cover. Weatherproof weather vanes. Heavy-duty aluminum construction. Lockable cover for cover. Model HEC-4069 (BS) weather resistant. GFI Duplex Outlet has dual-function indicator light, universal metal weatherproof cover. Weatherproof weather vanes. Heavy-duty aluminum construction. Lockable security cover. Model HEC-4069 (BS) weather resistant.

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

Wall Mount LED Wall Sconce

Ordering guide

Model	Finish	Color	Power	Options	Notes	Part No.	Part No.
W100	Black	White	10W	None	Standard	W100	W100

Notes:
1. See technical drawing for details.
2. See technical drawing for details.
3. See technical drawing for details.
4. See technical drawing for details.
5. See technical drawing for details.
6. See technical drawing for details.
7. See technical drawing for details.
8. See technical drawing for details.
9. See technical drawing for details.
10. See technical drawing for details.

4 WALL SCONCE
NOT TO SCALE - BASIS OF DESIGN: Gardco 102L

PHILIPS HACO Urban

Ordering guide

Model	Finish	Color	Power	Options	Notes	Part No.	Part No.
RLS4	Black	White	10W	None	Standard	RLS4	RLS4

Notes:
1. See technical drawing for details.
2. See technical drawing for details.
3. See technical drawing for details.
4. See technical drawing for details.
5. See technical drawing for details.
6. See technical drawing for details.
7. See technical drawing for details.
8. See technical drawing for details.
9. See technical drawing for details.
10. See technical drawing for details.

1 STANDARD TRADITIONAL LIGHTPOLE - LUMINAIRE
NOT TO SCALE - BASIS OF DESIGN: Haco # RLS4-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

5.3.2022

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www.halback.com | Florida Qualifier LA6667110



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

5.3.2022

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BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

ASPHALT DRIVE

OUTDOOR CLASSROOM

GREEN SPACE

SHARED USE PATH

 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

5.3.2022

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

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LANDSCAPE ARCHITECTURE · PLANNING



UFLMP PHYSICS SHARED USE PATH Perspective: From Lower Level, Night 5.3.2022

Gainesville, FL
ML+H Project No. 21.38.0



GREEN SPACE
OUTDOOR CLASSROOM

ASPHALT DRIVE

ADA PARKING

SHARED USE PATH

RETAINING WALL

 Marquis Latimer + Halback
LANDSCAPE ARCHITECTURE · PLANNING



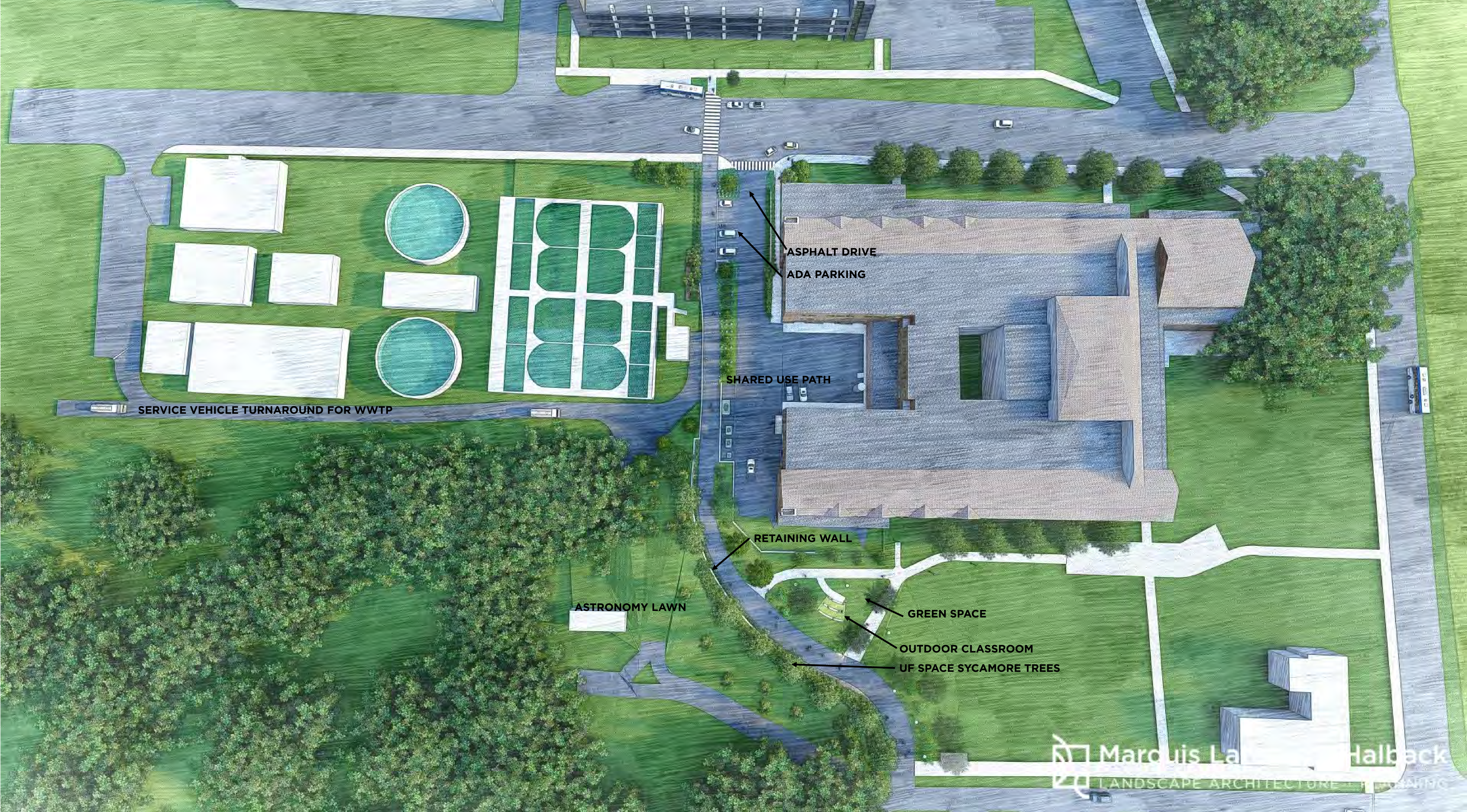
UFLMP PHYSICS SHARED USE PATH Illustrative Site Plan

Gainesville, FL
ML+H Project No. 21.38.0

5.3.2022

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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

5.3.2022



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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

The Earl and Christy Powell University House was built in 1953 and is Register eligible.

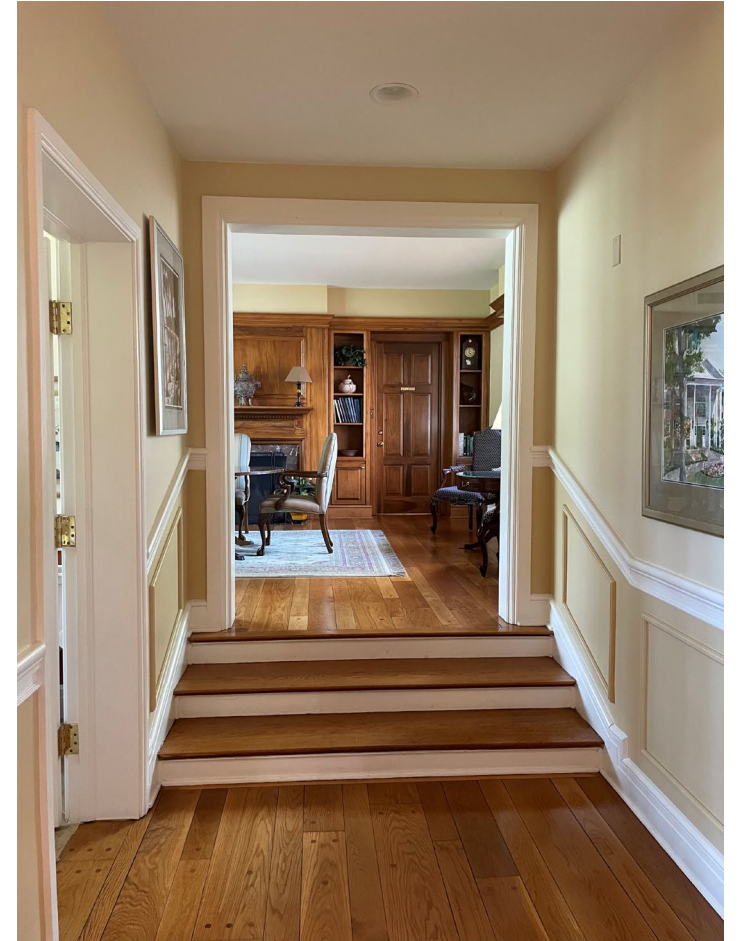
It was the home to past presidents from 1953 until 2006. Since that time, it has been used as event space.



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



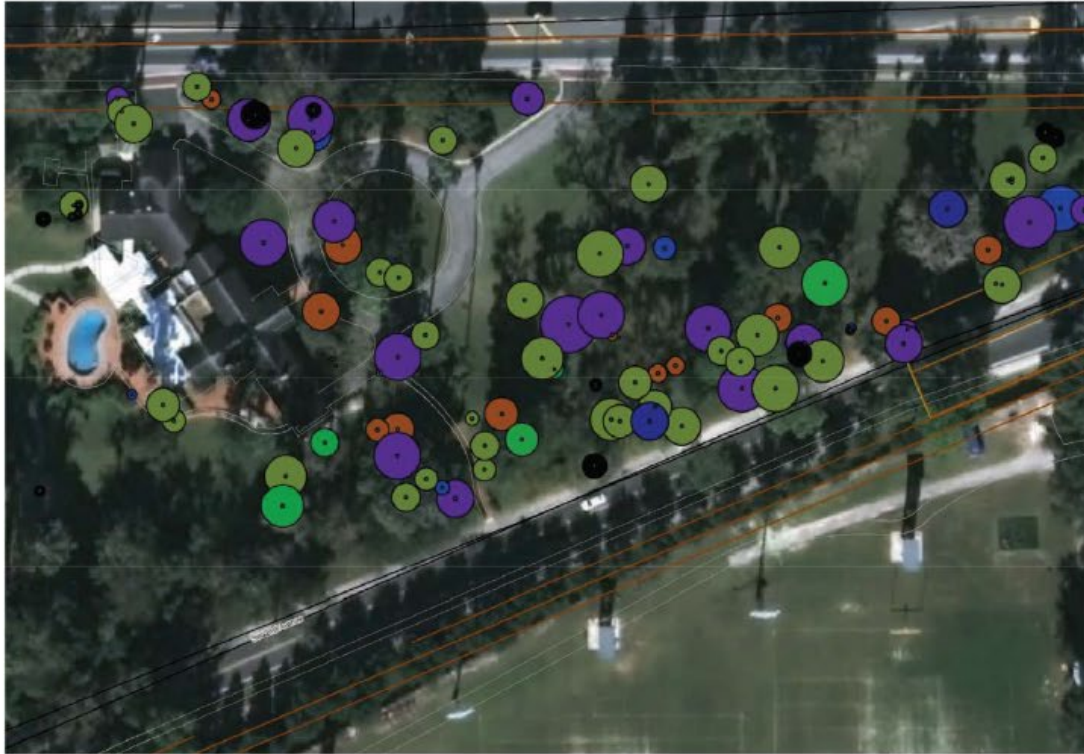
Existing Site Challenges:

- 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.

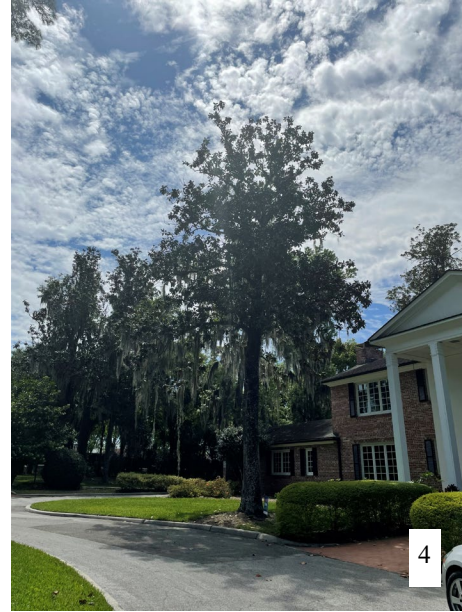
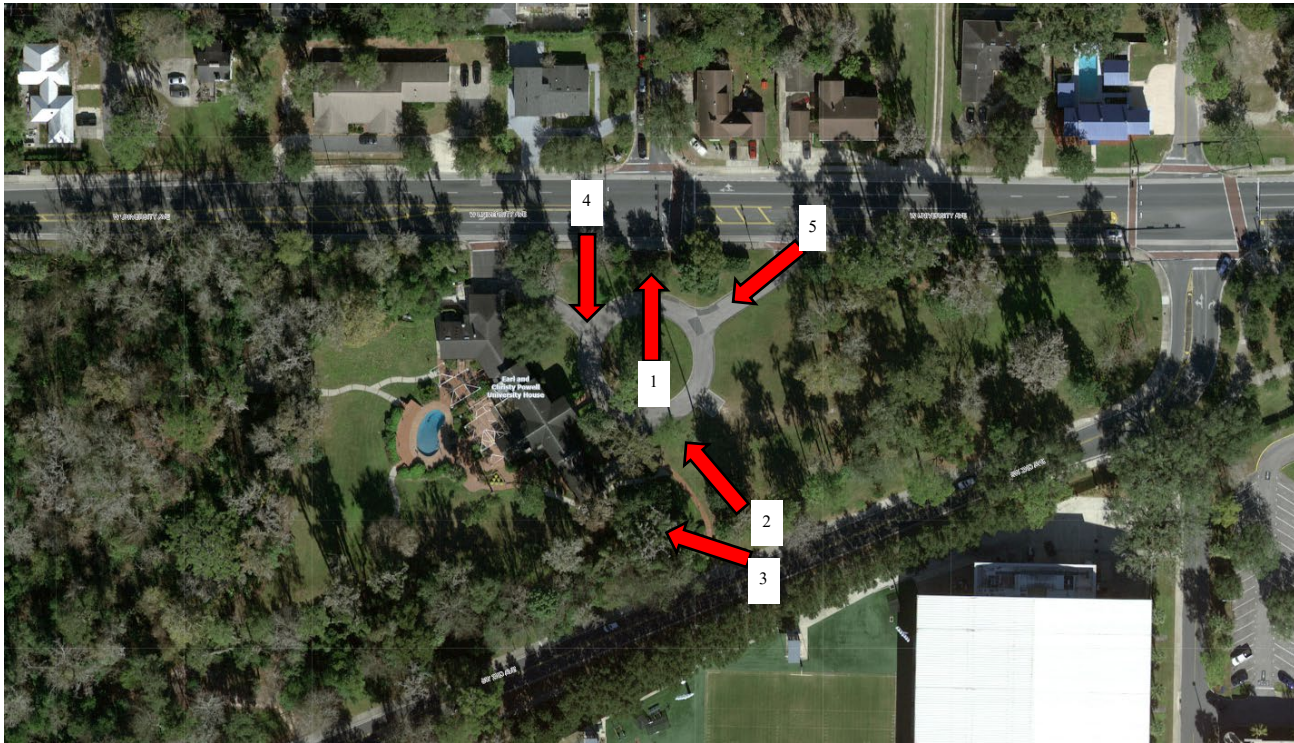
This tree survey was done in house and trees may have changed – but it gives a rough idea of existing trees

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

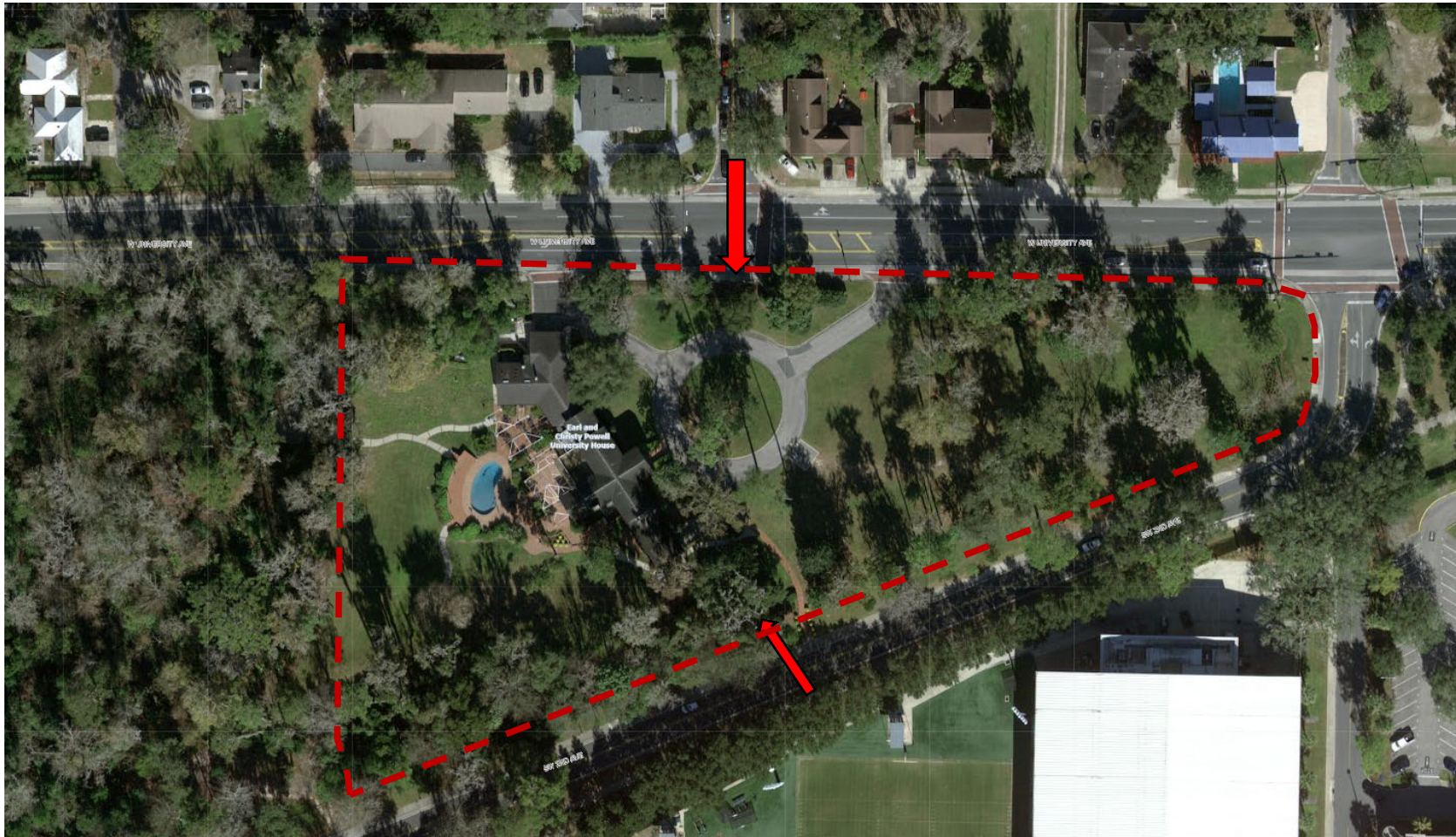


Potential Impacts:

- 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
- The new building may be at a different location within the boundary– or we may keep the same site setting.

Today's request:

- Site and program approval as presented