

**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**

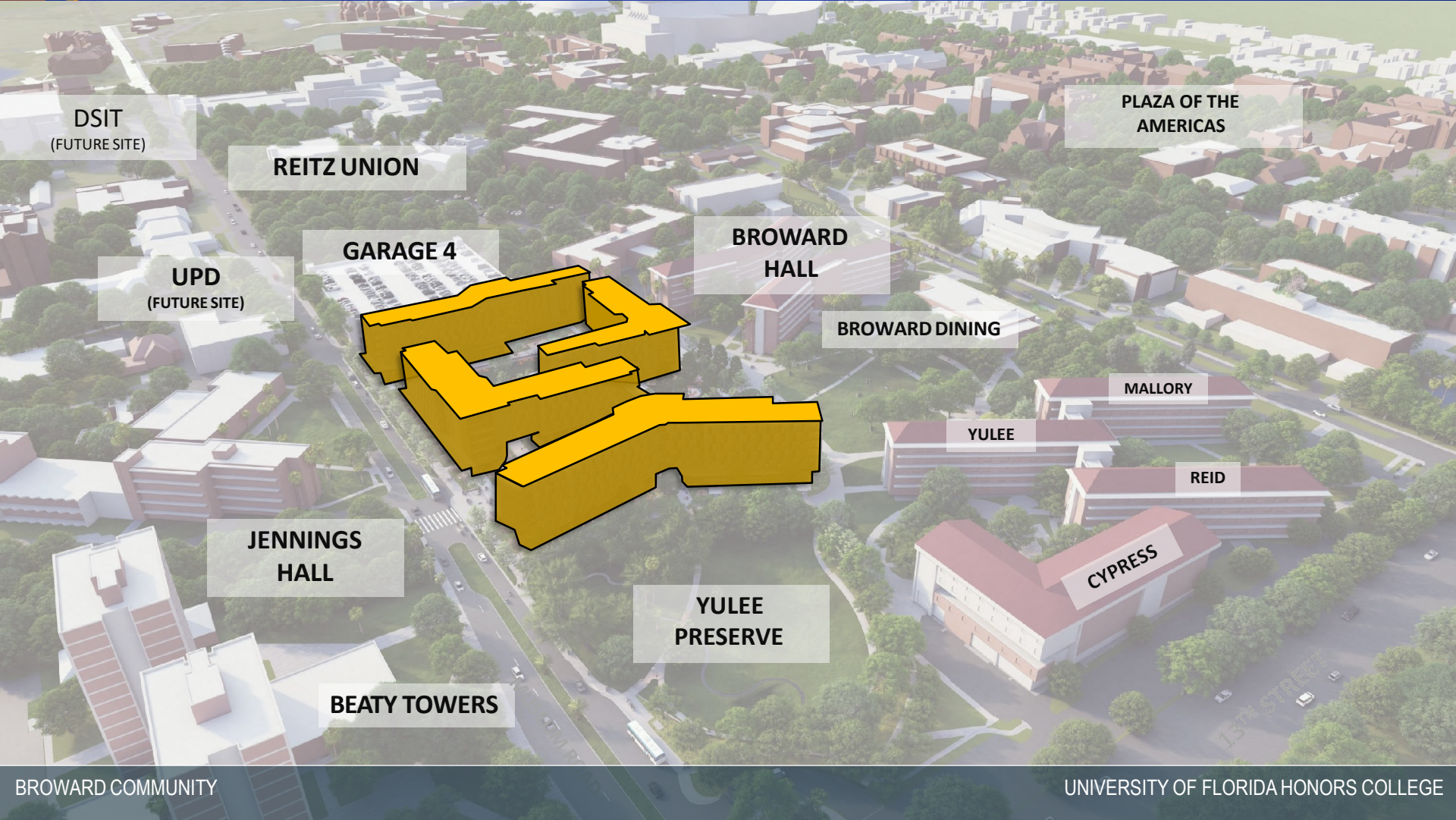
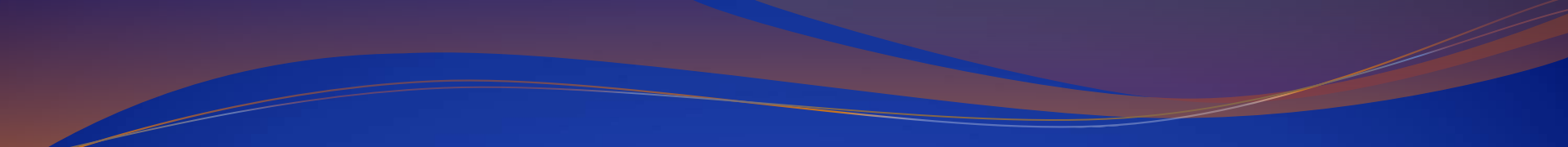
**Housing & Residence Life**

# 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**

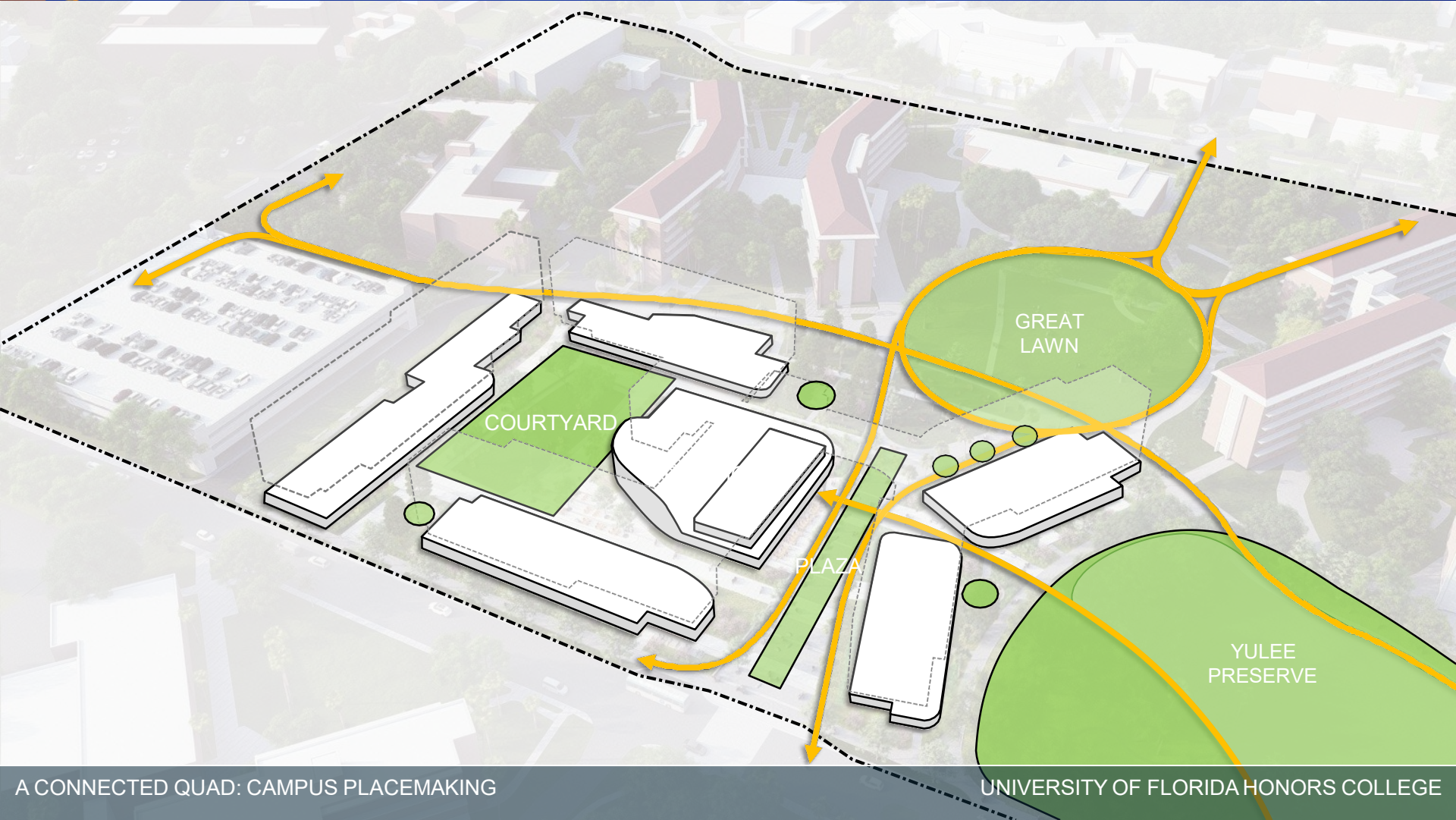
**CYPRESS**

**BEATY TOWERS**

15th STREET

BROWARD COMMUNITY

UNIVERSITY OF FLORIDA HONORS COLLEGE



COURTYARD

GREAT  
LAWN

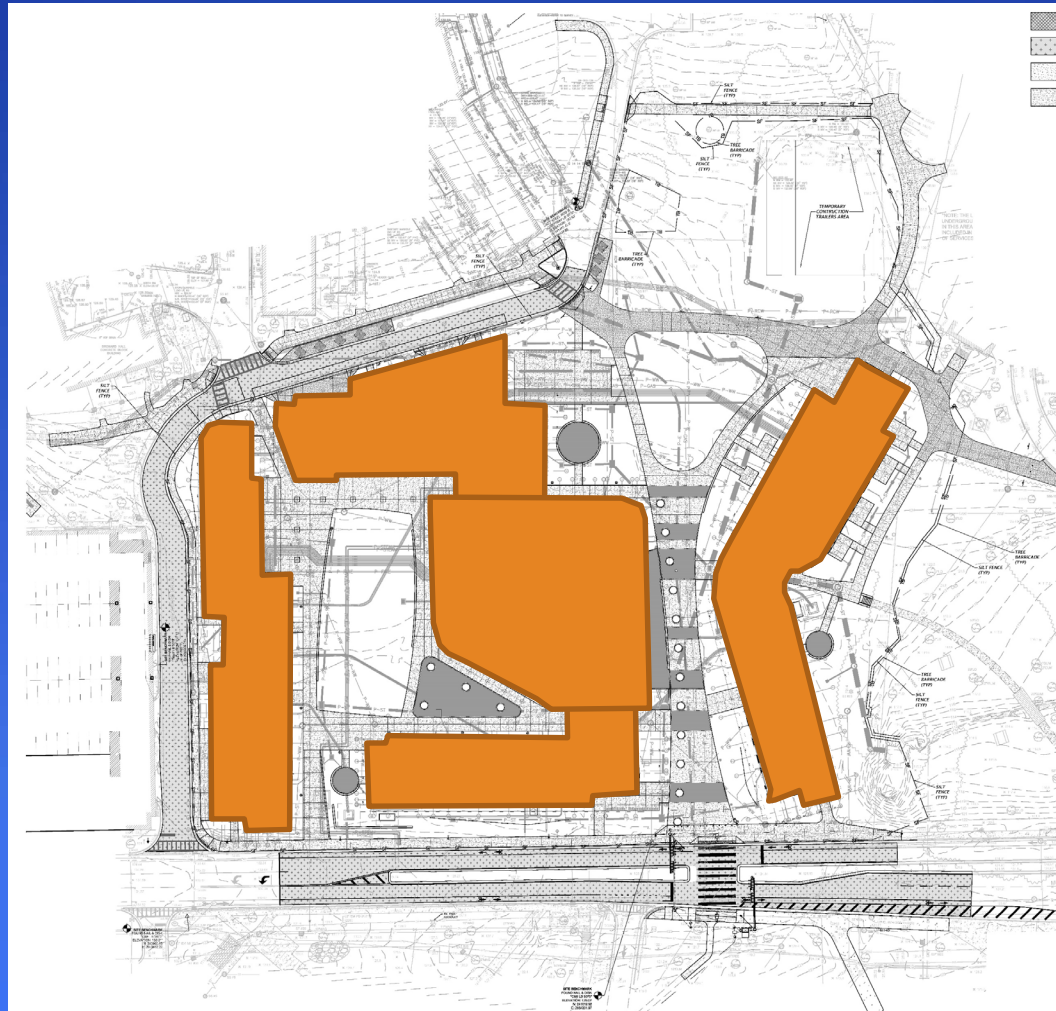
PLAZA

YULEE  
PRESERVE

UNIVERSITY OF FLORIDA HONORS COLLEGE

A CONNECTED QUAD: CAMPUS PLACEMAKING

# UF-654 NUR w/Honors



# 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)

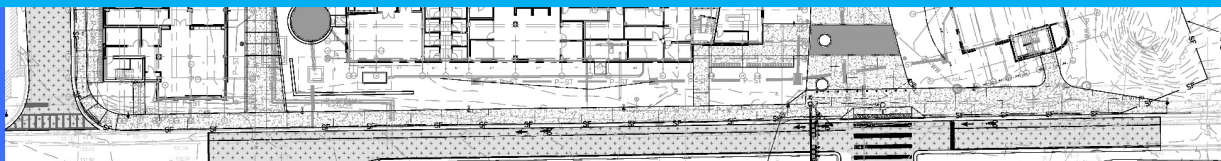
- ❖ 6/2020, 12/2020, 9/2021, 1/2022

### ❖ 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



**Thank you!  
Questions?**

**REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE**

<b>TO:</b>	The LVL Committee	<b>FOR:</b>	05/03/2022 LUFPC meeting.
<b>VIA:</b>	Carlos Dougnac, Assistant Vice President, PDC	<b>FROM:</b>	James Vignola, PD&C Project Manager
<b>REQUESTOR:</b>	UF Planning / PD&C	<b>PRESENTERS:</b>	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:**

<b>PROJECT:</b> Project #MP06934 , LMP Shared Use Path at Physics
<b>SITE:</b> 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.
<b>STATUS:</b> 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.
<b>OBJECTIVES:</b> <ul style="list-style-type: none"> <li>▪ DD approval.</li> </ul>

**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 <sup>nd</sup> Ave, SW 13 <sup>th</sup> St, Archer Rd, and SW 34 <sup>th</sup> 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		
<b>PRESERVATION OF HISTORIC BUILDINGS AND SITES COMMITTEE (PHBSC) – Note: see also #9 above</b>									
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
<b>LAKES, VEGETATION AND LANDSCAPING COMMITTEE (LVLC) – Note: see also #8 above</b>									
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		

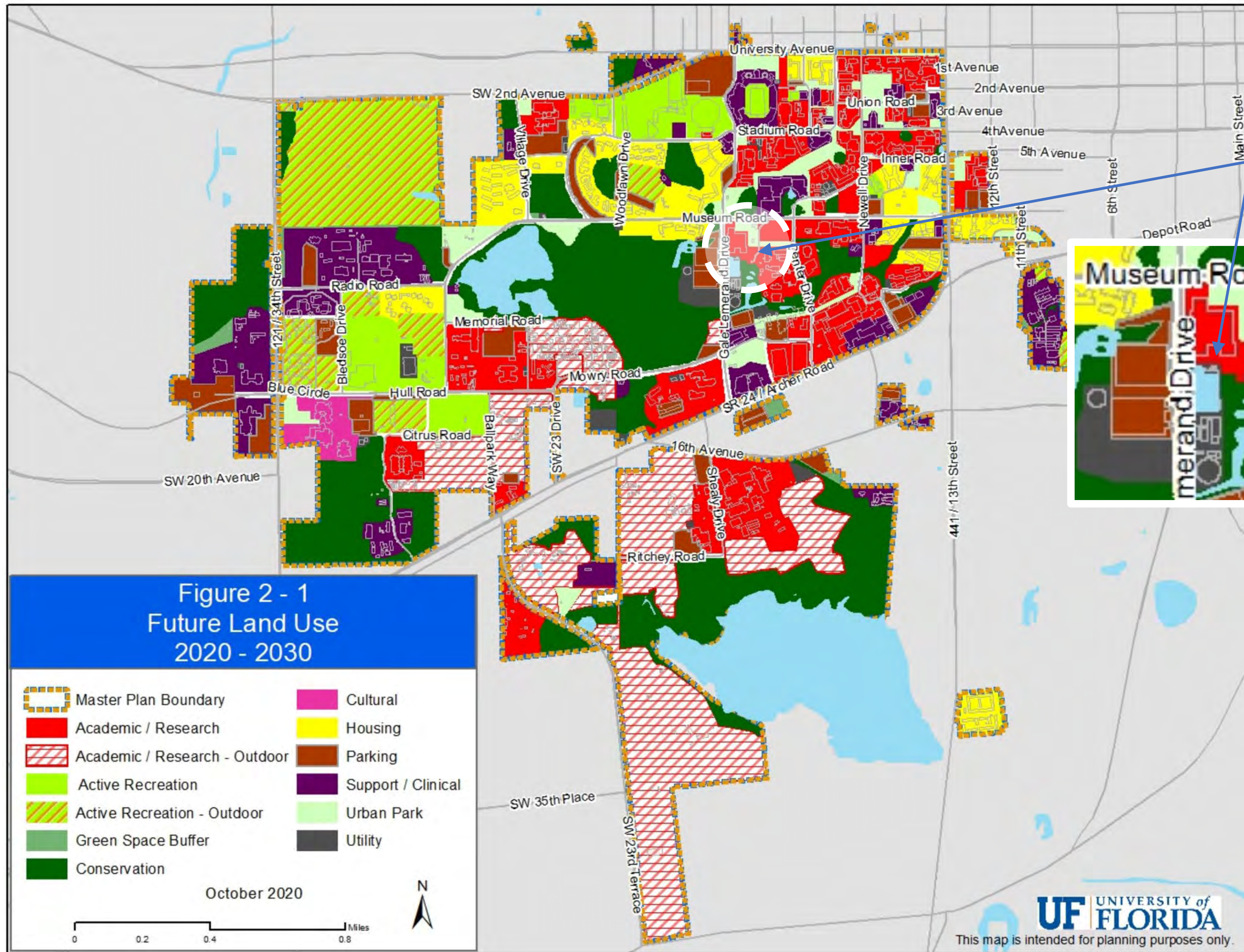
**Campus Master Plan Checklist**

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		
<b>PARKING AND TRANSPORTATION COMMITTEE (P&amp;TC) – Note: see also #18 and #19 above</b>									
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**

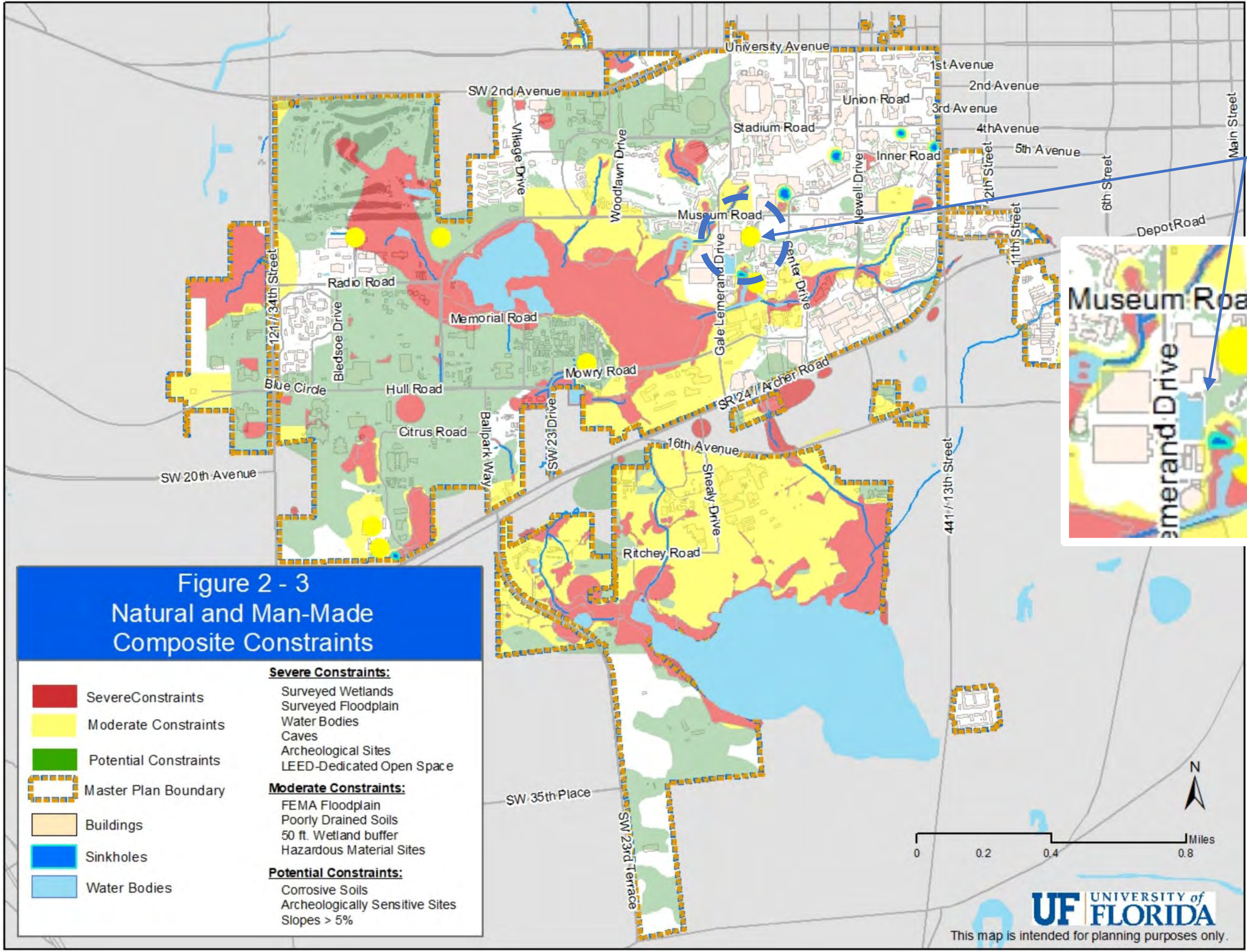


**UFLMP PHYSICS SHARED USE PATH Future Land Use Map**

Gainesville, FL  
ML+H Project No. 21.38.0





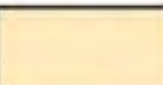


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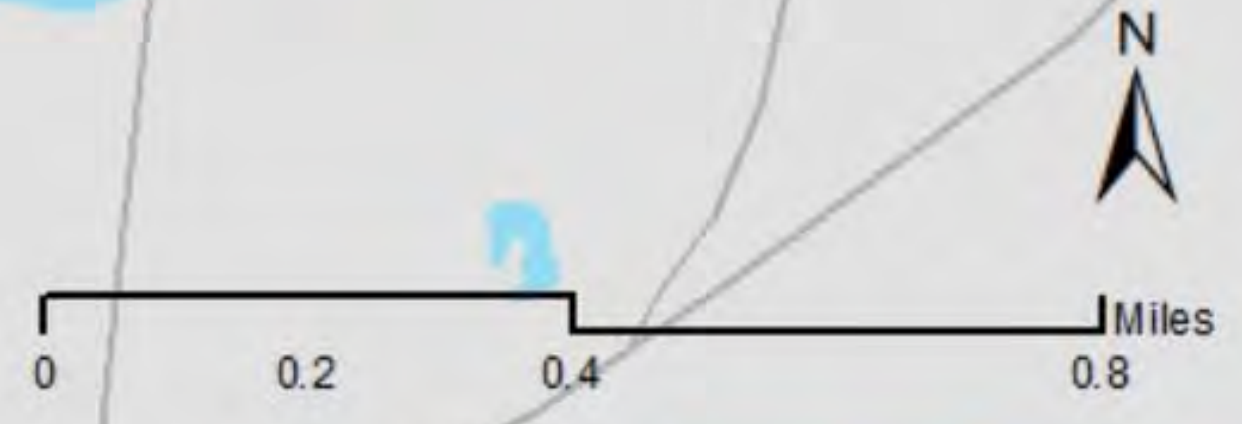




**PROJECT SITE**

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

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



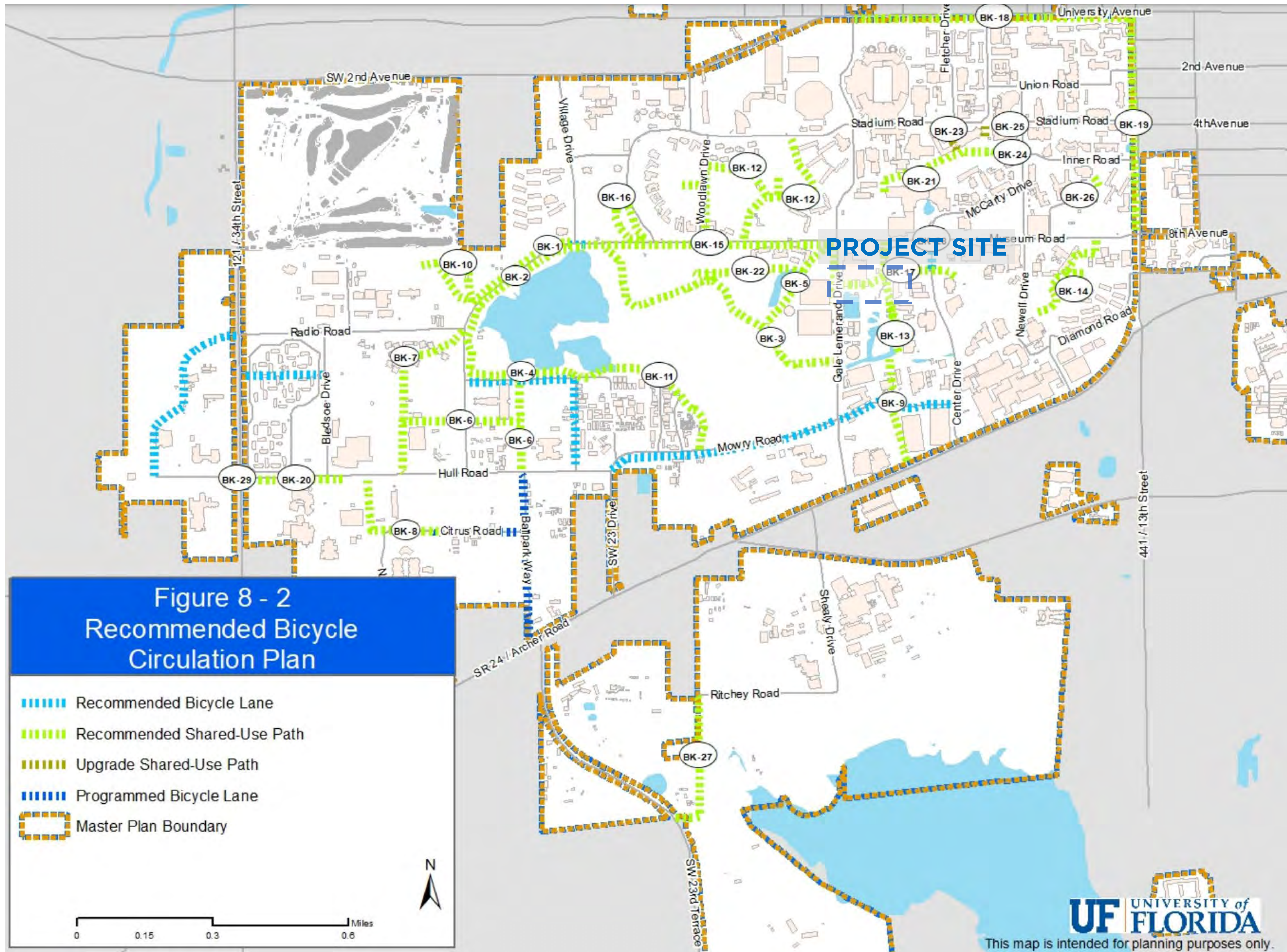
This map is intended for planning purposes only.



**UFLMP PHYSICS SHARED USE PATH Natural and Man-Made Constraints Map**

Gainesville, FL  
ML+H Project No. 21.38.0

5.3.2022





MUSEUM DR.

PHELPS LAB

PHYSICS BUILDING

PROJECT SITE

GALE LEMRAND DR.

SWEETWATER DR.

CENTER DR.

PARKING GARAGE 5

OBSERVATORY

WATER RECLAMATION FACILITY

BENTON HALL

PSYCOLOGY DEPARTMENT

MAE

LARSON HALL

NANOSCALE RESEARCH CENTER

CHEMICAL ENGINEERING

NEW ENGINEERING BUILDING

TAP

500 ft

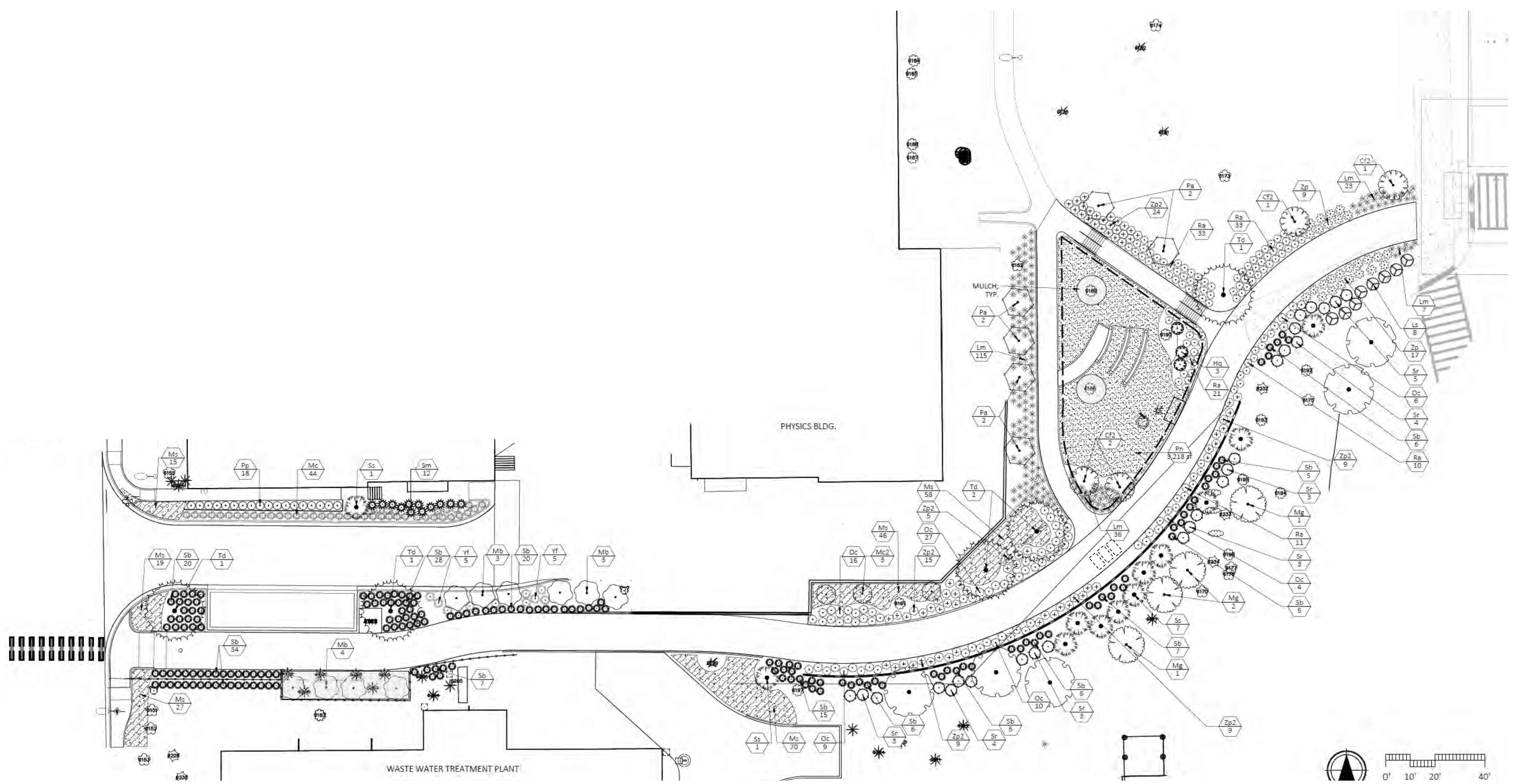


**UFLMP PHYSICS SHARED USE PATH** Context

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:

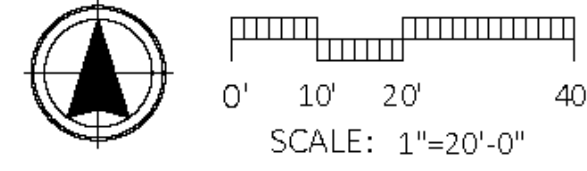
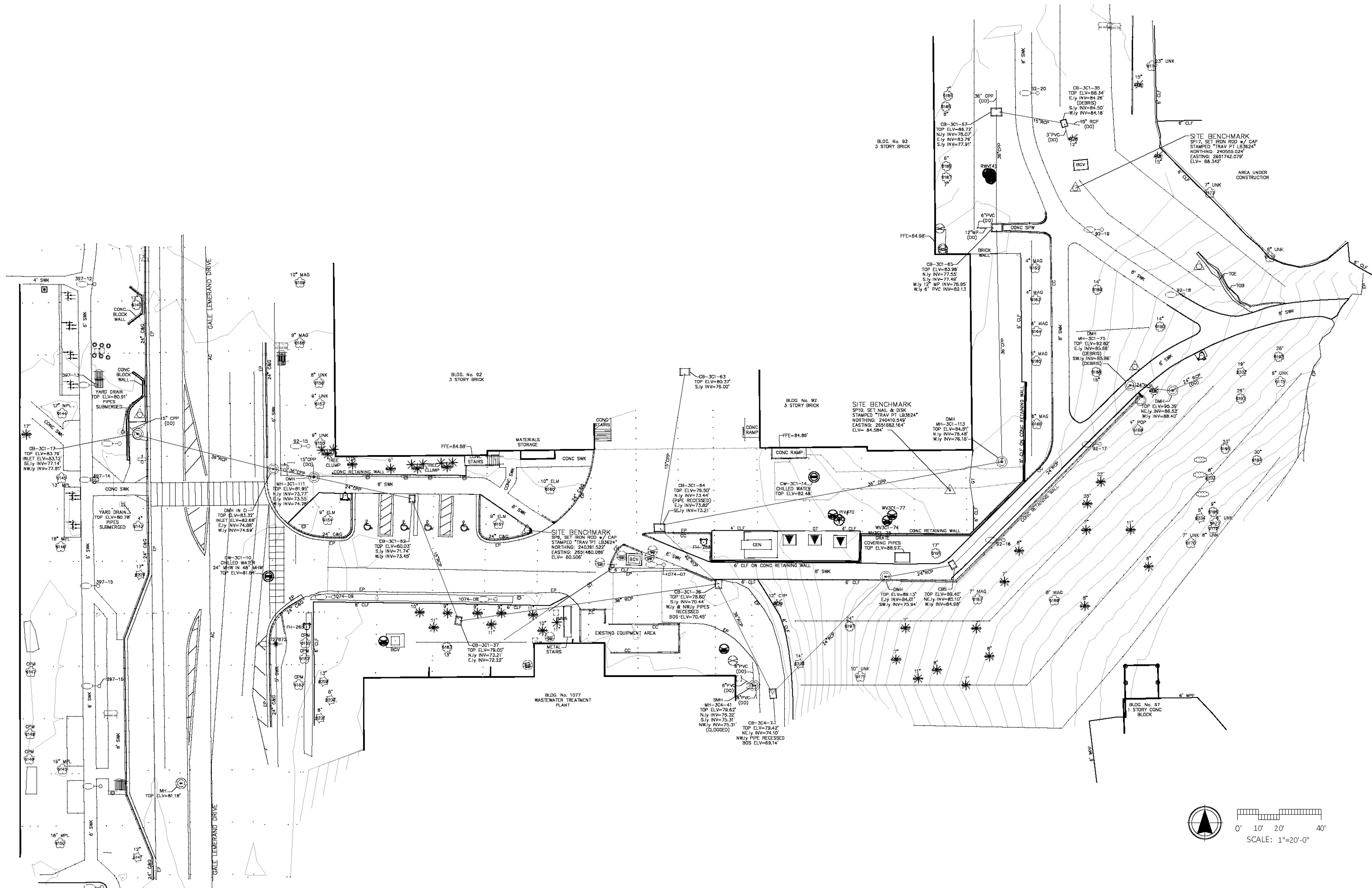
- **Bollard lights are preferred** over pole lights due to reduced light pollution.
- Existing down-lights on-site work well. **Relocate existing down-lights** where possible.
- The **viewshed to the north** should remain clear of tall trees.

### 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

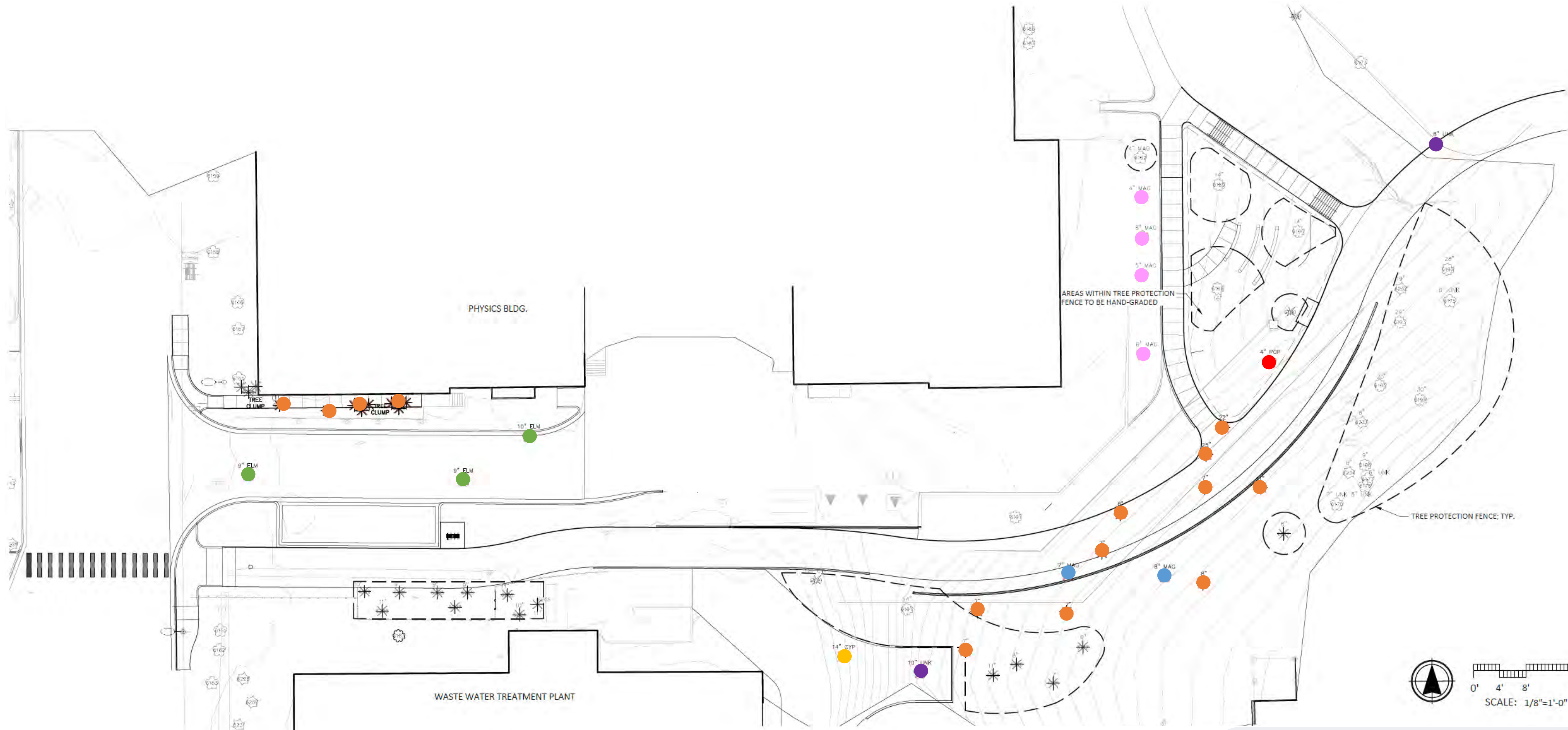
Gainesville, FL  
ML+H Project No. 21.38.0

5.3.2022

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

[www.halback.com](http://www.halback.com) | Florida Qualifier LA6667110



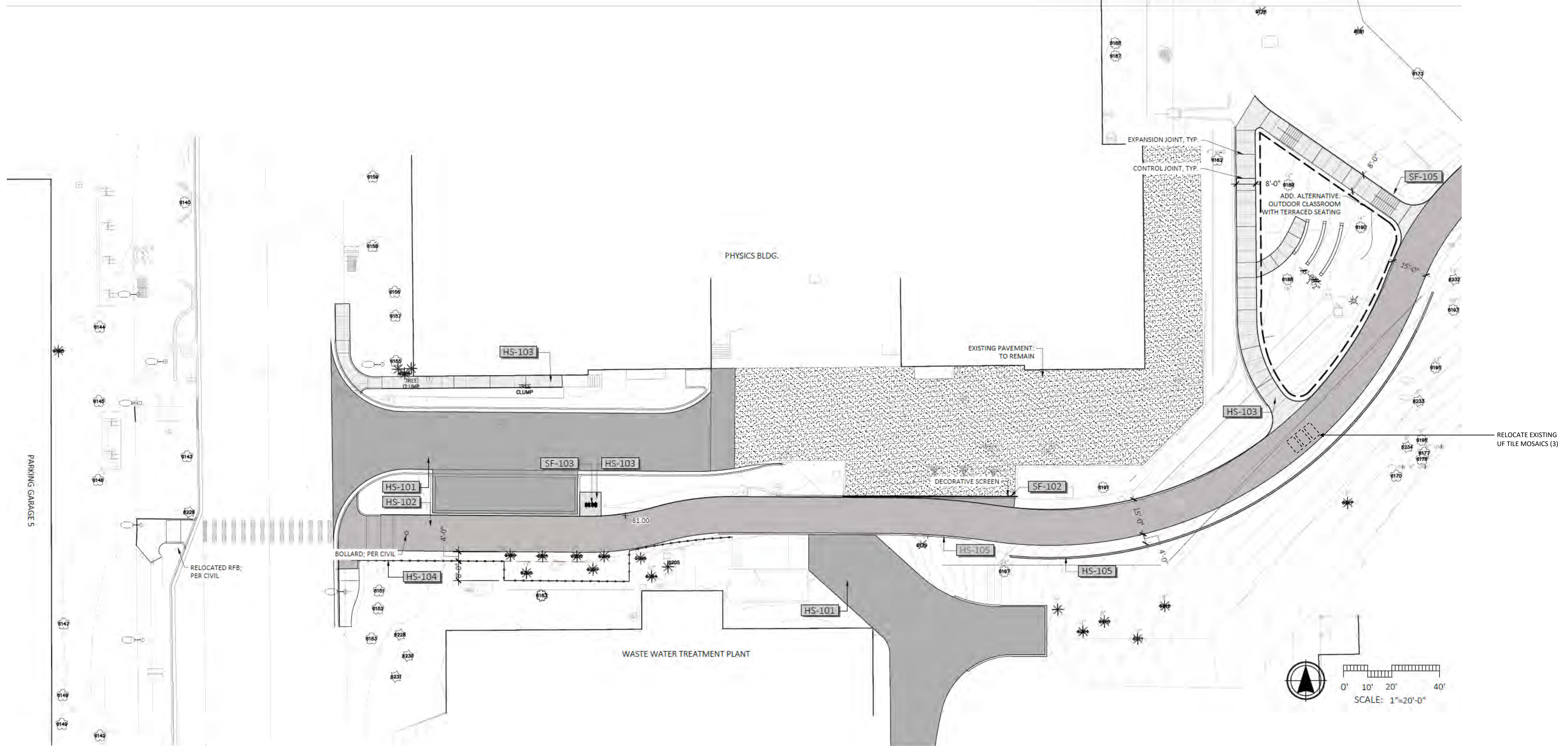


**Legend**

- 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

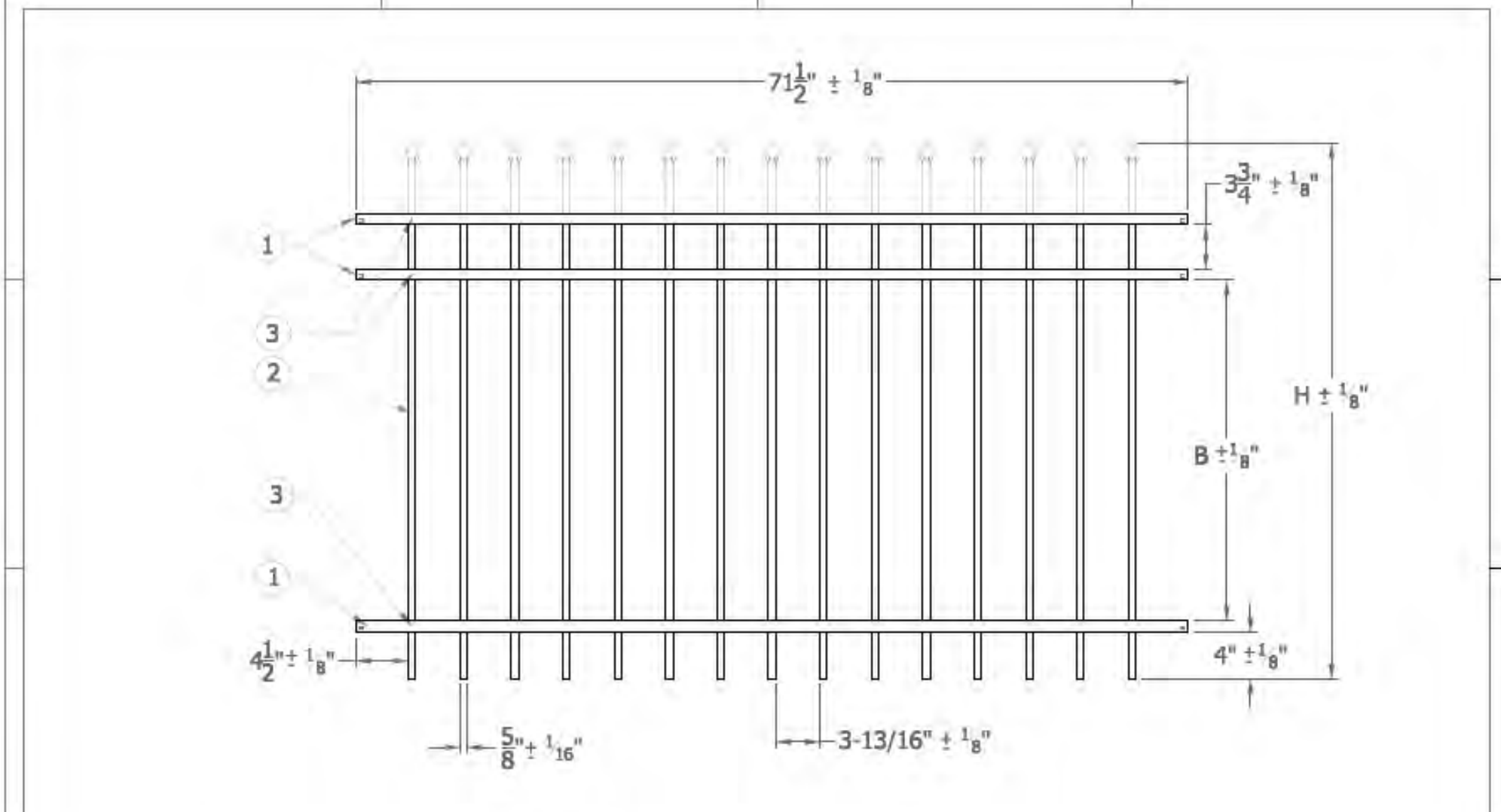
**Color & Pattern:** Uncolored

**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)	8083-T6	3

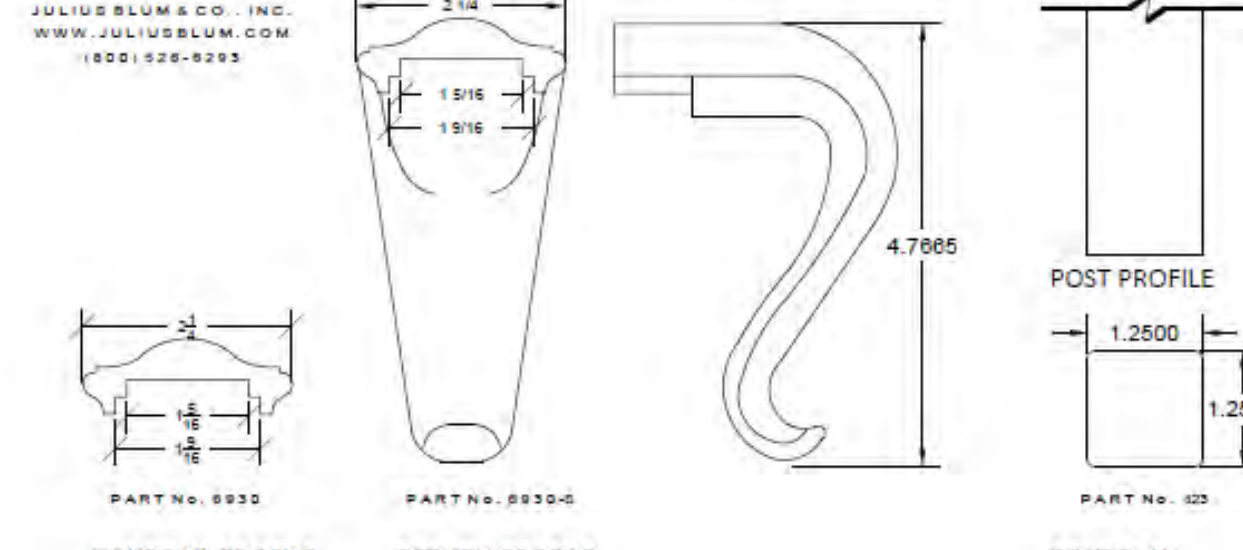
DESCRIPTION: COLONIAL FENCE - SPEAR 3 RAIL  
NOM 6' SECTION LENGTH - 5/8" PICKET

BY: wjm  
DATE: 12-16-2008  
REV: 12-16-2008  
REV DATE:

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

by Master Halco  
Phone No. 800-229-5615  
www.masterhalco.com

4 FENCING  
NOT TO SCALE - BASIS OF DESIGN



JULIUS BLUM & CO., INC.  
WWW.JULIUSBLUM.COM  
1800.926.6293

HANDRAIL PROFILE  
RETURN PROFILE  
POST PLAN

PART No. 8935  
PART No. 8935-G  
PART No. 89

3 HANDRAIL - STANDARD  
6" = 1'-0"

**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.

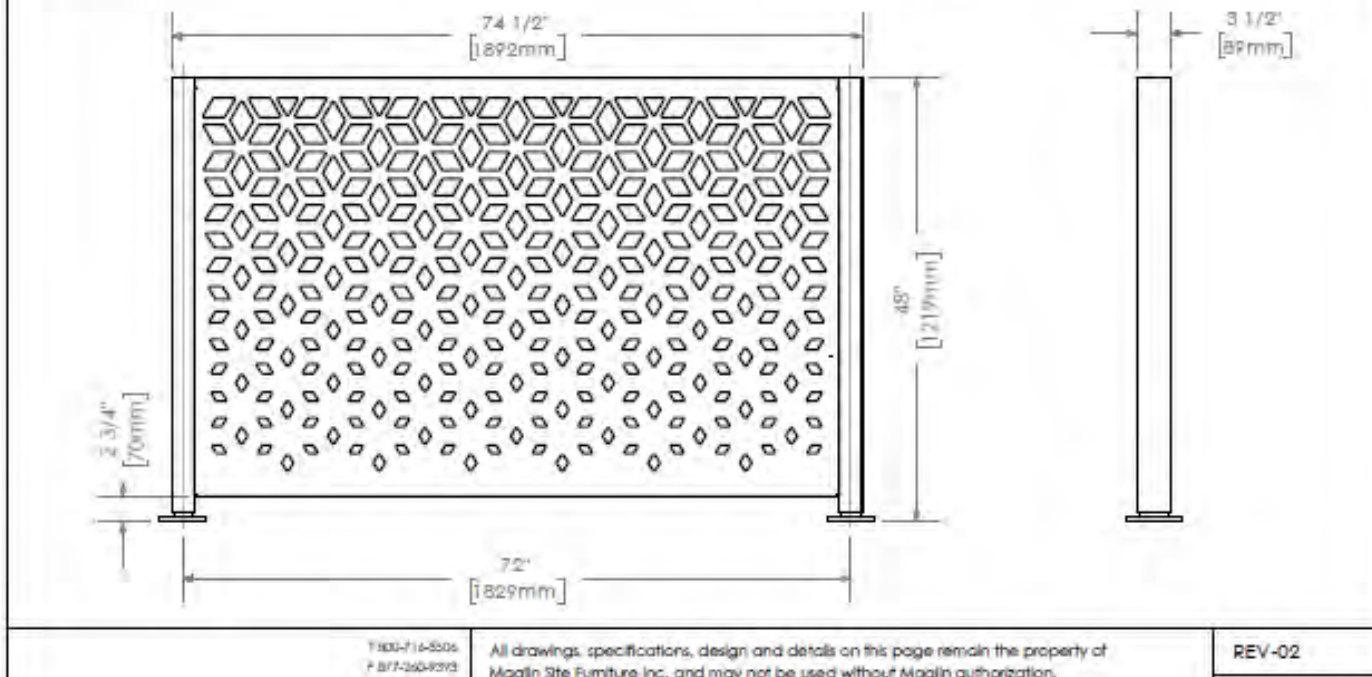
**FINISH:** All steel components are protected with E-coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.

**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)



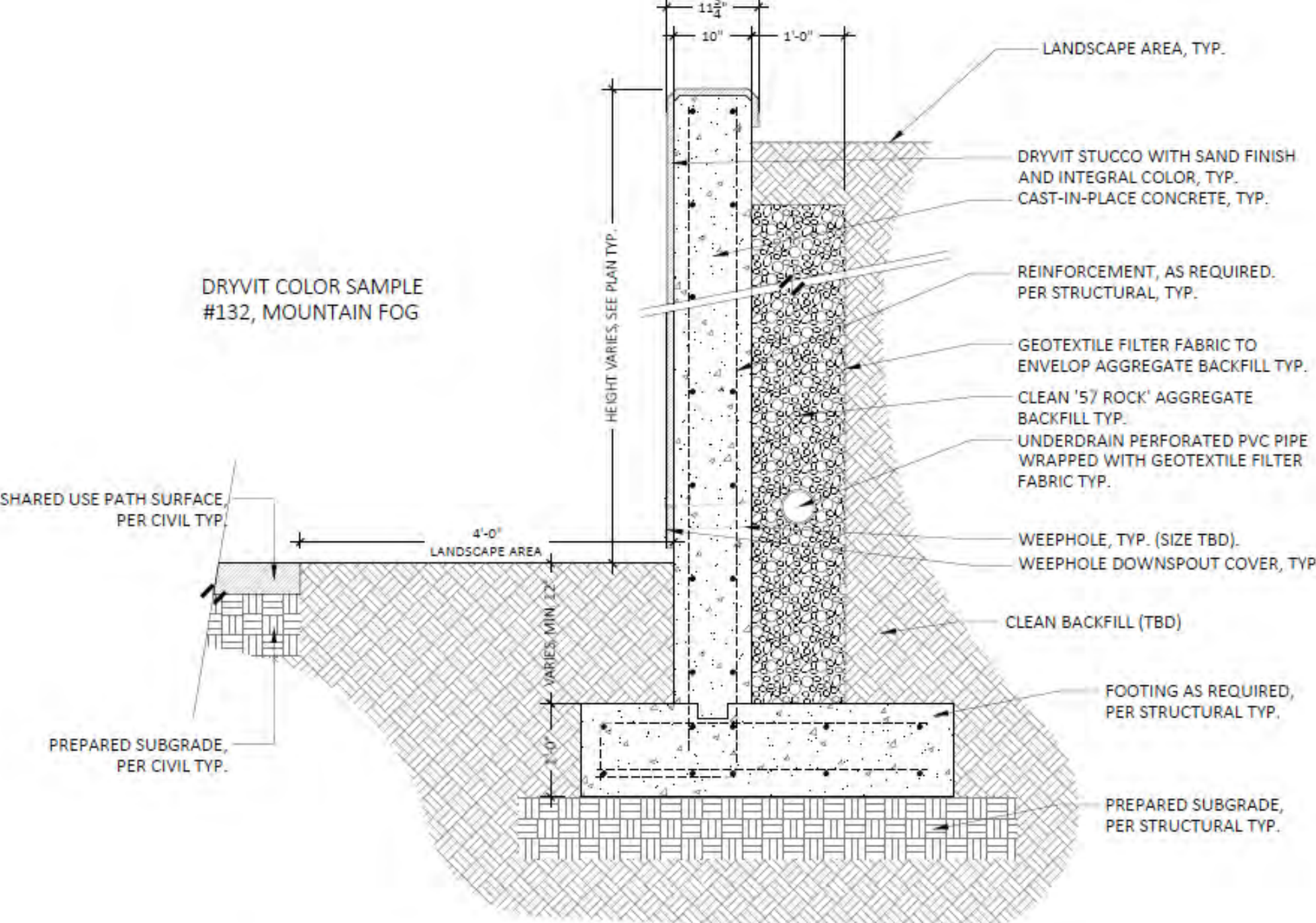
74 1/2" [1892mm]  
3 1/2" [89mm]  
48" [1219mm]  
3 3/4" [95mm]

1801-1808  
7-87-264R15  
www.maglin.com

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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 '57' 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"

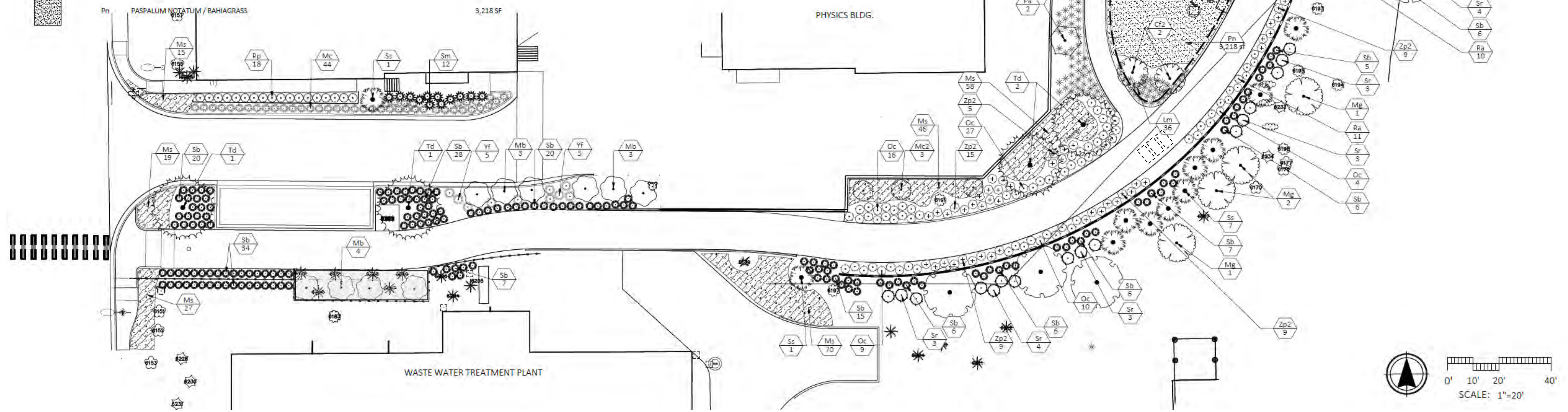
PLANT SCHEDULE

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



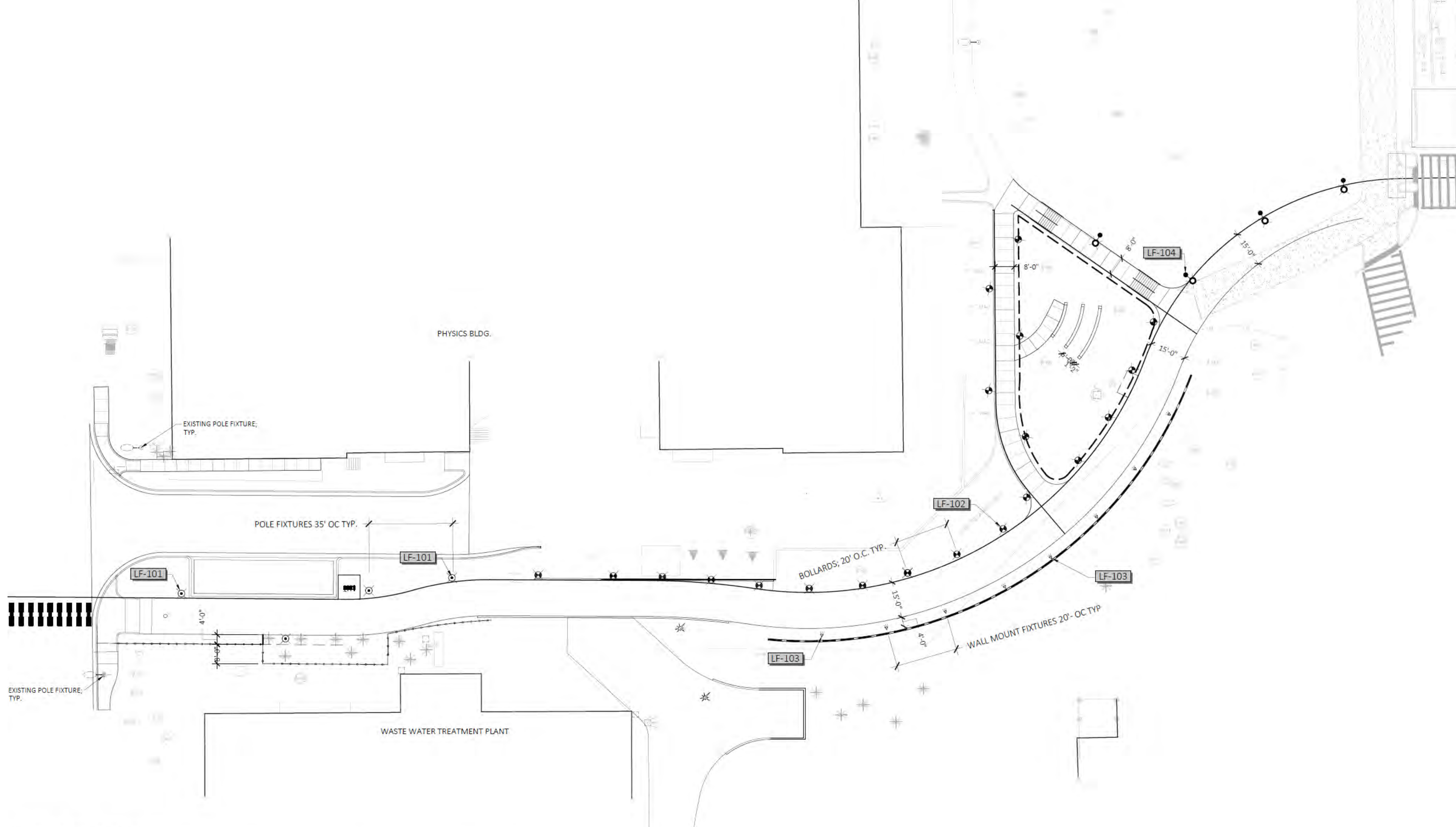
UFLMP PHYSICS SHARED USE PATH Landscape Plan

Gainesville, FL  
ML+H Project No. 21.38.0

5.3.2022



*Progress shots, 03.31.22*



**LIGHT FIXTURE SCHEDULE**

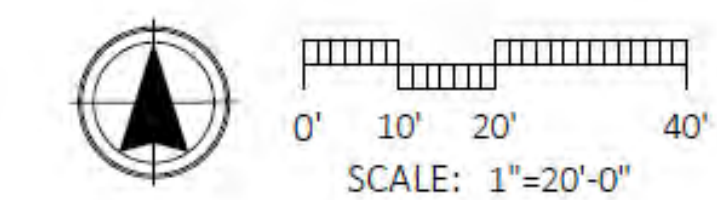
SYMBOL	DESCRIPTION	QTY	DETAIL	DESCRIPTION	FINISH/COLOR	MANUFACTURER	CONTACT
LF-101	POLE FIXTURE	4	1/L-5.2	REFRACTIVE GLOBE RL34, 12" H	BLACK	PHILIPS HADCO	MARK KINGSWORTH - 904.509.5625
LF-102	BOLLARD LIGHT	21	3/L-5.2	3901LB RICHMOND	BLACK	STERNBERG LIGHTING	
LF-103	WALL SCONCE	8	4/L-5.2	102LED WALL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

5.3.2022







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**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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PHYSICS BLDG.

ASPHALT DRIVE

ADA PARKING

SHARED USE PATH

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

5.3.2022



BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

ASPHALT DRIVE

SHARED USE PATH

OUTDOOR CLASSROOM

GREEN SPACE

 Marquis Latimer + Halback  
LANDSCAPE ARCHITECTURE · PLANNING



# UFLMP PHYSICS SHARED USE PATH Perspective: Main Pathway

Gainesville, FL  
ML+H Project No. 21.38.0

5.3.2022



BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

ASPHALT DRIVE

SHARED USE PATH

OUTDOOR CLASSROOM

GREEN SPACE

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## UFLMP PHYSICS SHARED USE PATH Perspective: Main Pathway, Night

5.3.2022

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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



OUTDOOR CLASSROOM

BLUE LIGHT EMERGENCY PHONE ↓

RETAINING WALL

SHARED USE PATH

GREEN SPACE

ASPHALT DRIVE

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

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# UFLMP PHYSICS SHARED USE PATH Illustrative Site Plan

Gainesville, FL  
ML+H Project No. 21.38.0

5.3.2022

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