

Baby Gator MP06867

Land Use and Facilities Planning Committee

February 1, 2022





Parameters

Budget: **\$3.3 Million**

Expansion: **5,556 SF ENCLOSED, 705 SF COVERED EXTERIOR**

Renovation: **8,874 SF**

Sustainability: Best practices, no certification pursuit

Safety: Expansion to east not favorable due to traffic on Village Drive



Design Goals

How can a school environment help teachers and children focus on what's most important?

Better **use and organization** of all spaces

Increased playground and **outdoor space**

Improved building **systems and materials**

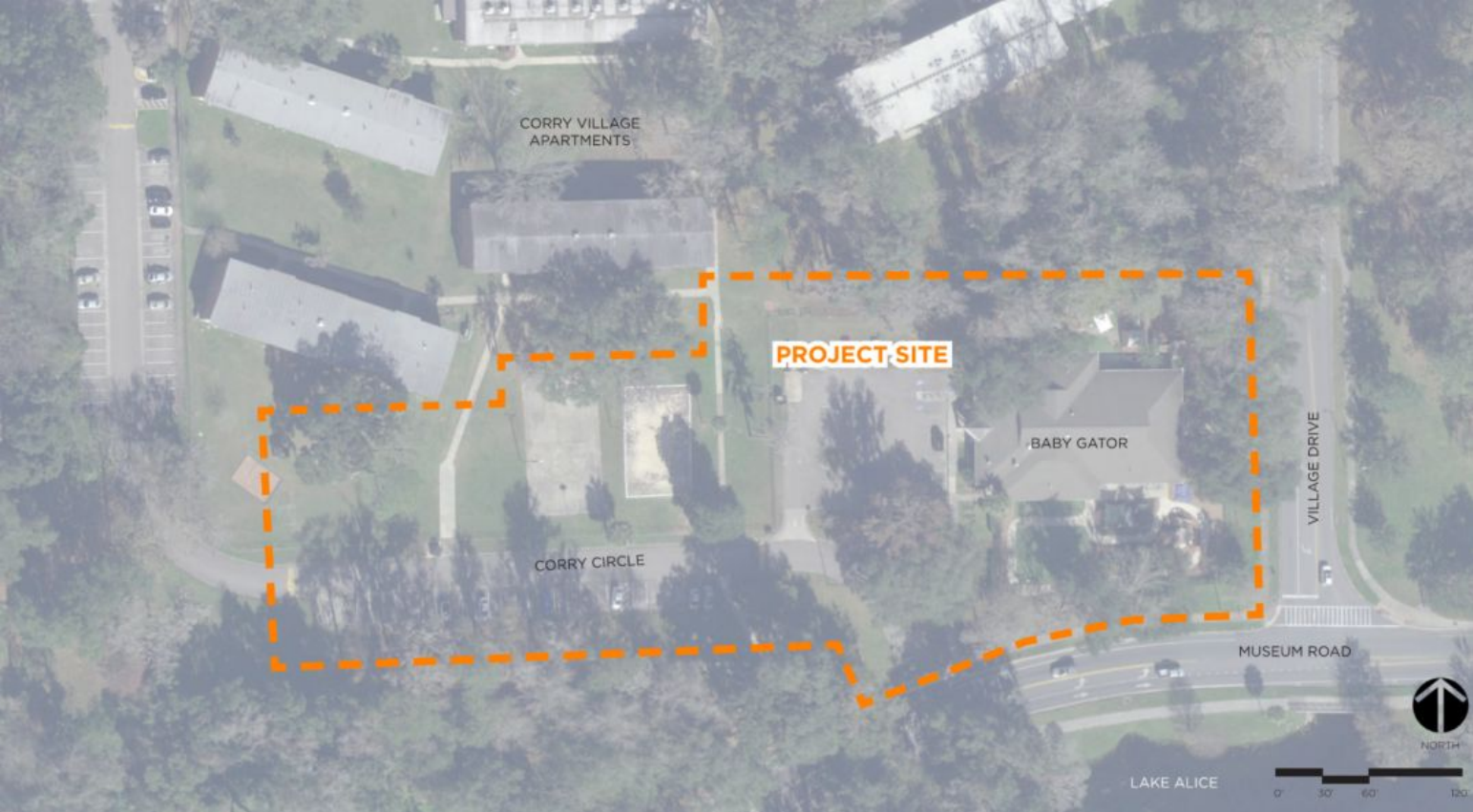
Improved **communication** among staff and with families

Provide **professional** support through better **meeting and decompression** spaces

Clean, **safe environment** that promotes infection control and prevents injury

Support the University's mission by fostering **learning and research at all ages.**

Project Location

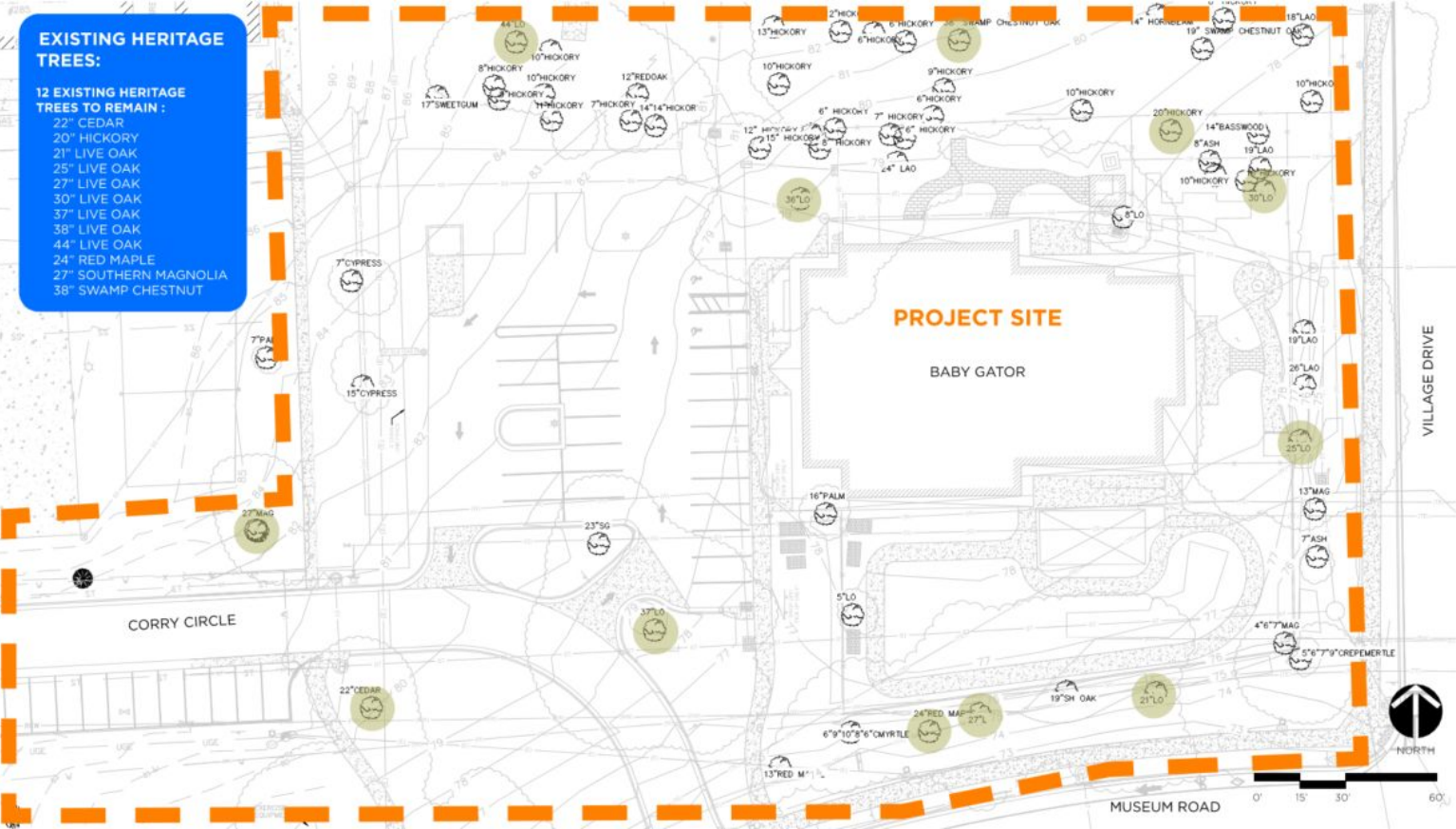


Existing Site

EXISTING HERITAGE TREES:

12 EXISTING HERITAGE TREES TO REMAIN :

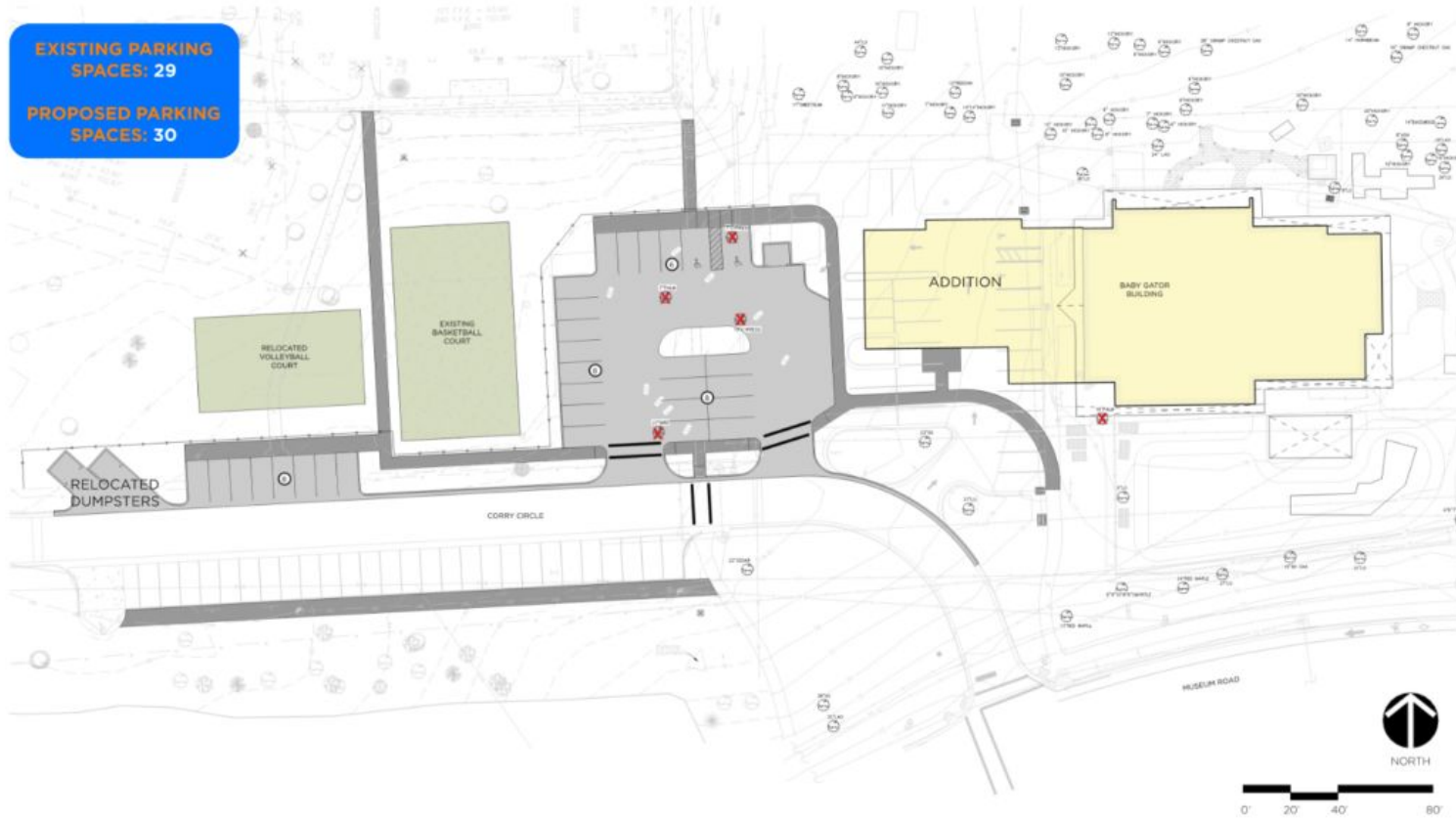
- 22" CEDAR
- 20" HICKORY
- 21" LIVE OAK
- 25" LIVE OAK
- 27" LIVE OAK
- 30" LIVE OAK
- 37" LIVE OAK
- 38" LIVE OAK
- 44" LIVE OAK
- 24" RED MAPLE
- 27" SOUTHERN MAGNOLIA
- 38" SWAMP CHESTNUT



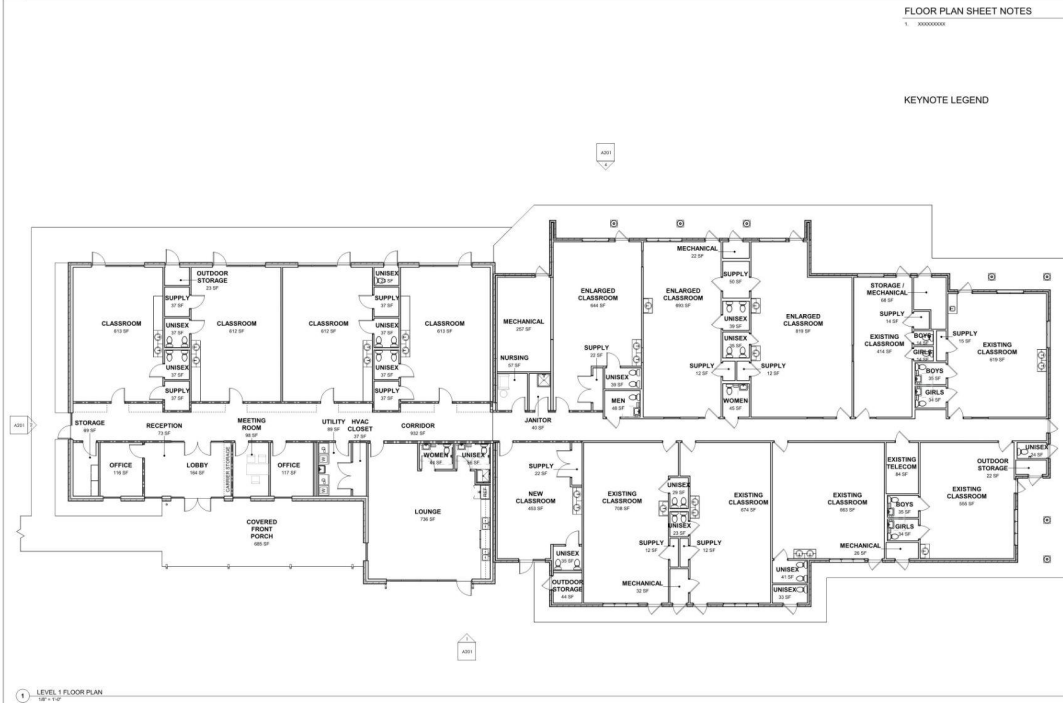
Existing Site Photos



Site Concept Plan



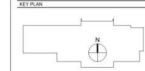
Building Floor Plan



REVISION	DATE	BY	DESCRIPTION

UF BABY GATOR ADDITION

783 CORY CIRCLE
GAINESVILLE, FL 32603



LEVEL 1 FLOOR PLAN

PROJECT NO. 2108 DRAWN BY: JAD
CHECKED BY: JAD

A101

BUILDING AREA SCHEDULE

LEVEL	AREA DESCRIPTION	AREA
LEVEL 1	EXISTING CONSTRUCTION - UNENCLOSED	460 SF
LEVEL 1	EXISTING CONSTRUCTION - UNENCLOSED	173 SF
LEVEL 1	EXISTING CONSTRUCTION - UNENCLOSED	215 SF
LEVEL 1	NEW CONSTRUCTION - ENCLOSED	5,556 SF
LEVEL 1	NEW CONSTRUCTION - UNENCLOSED	705 SF
LEVEL 1	RENOVATION - ENCLOSED	8,874 SF
		15,983 SF

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Building Elevations



Walker Architects
 1000 W. 12th Street | Gainesville, FL 32609
 P: 352.875.2448 | www.walker-arch.com | AIA 2020-2024

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 WINTER FL 32788
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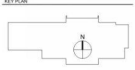
ME Miller Engineering, LLC
 Structural Engineering Services
 1000 W. 12th Street
 Winter, FL 32788
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MG
 engineering
 2100 W. UNIVERSITY AVENUE, SUITE 200
 GAINESVILLE, FL 32609
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REVISION	REVISION	DATE

UF BABY GATOR ADDITION

783 CORRY CIRCLE
 GAINESVILLE, FL 32603



DRAWING TITLE
EXTERIOR ELEVATIONS

PROJECT NO. 7008 DRAWN BY: JAW
 CHECKED BY: JAW
A201

Design Drivers:

- Compliment existing exteriors
- Establish the entrance
- Contemporary transition
- Nature inspired accents



REPORT TO THE LAND USE AND FACILITIES PLANNING COMMITTEE

To:	The LUFPC Committee	FOR:	02/01/2022 LUFPC meeting
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	James Vignola, PDC 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 provide preliminary review of the proposed land use and siting options, and recommend approval/denial of these options.</i>	N/A. Priority item #12 of UF LMP.	Oct. 2018
SCHEMATIC DESIGN	<i>The committee will review and recommend approval/denial of building footprints and initial development of the site plan and exterior building design.</i>	TBD today.	Feb 2022
DESIGN DEVELOPMENT	<i>The committee will review and recommend approval/denial of final architectural design, including landscaping of buildings, building additions/renovations, and utility projects.</i>	Upcoming, pending schematic approval	Mar / Apr 2022

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 ASD. Note that user groups from Physics and the WWTP have been consulted on site and limited coordination with Astronomy has occurred.

OBJECTIVES:

- Approval of general alignment of shared use path

PROJECT PHASE AND PRESENTATION NARRATIVE:

Schematic Design (ASD)

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”). ASD approvals have been issued by PATAC and LVL in January. Additionally, coordination has occurred with Physics, the WWTP, and Astronomy through initial meetings.

See ASD submittal.

ENCLOSURES:

1. CMP Checklist
2. ASD Submittal

Campus Master Plan Checklist

To: ULUFPC, LVLC, PHBSC, P&TC DATE: **Dec. 09, 2021** 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	-	-	-
a) If "no" or with edits: The addition or modification of the project in the CMP can be accomplished as a Minor Amendment (per UF Operating Memorandum) and without changing the Campus Development Agreement			X			X	-	-	-
2) The project is consistent with the Future Land Use designation and definition (Figure 2-1, Future Land Use and Policies 1.1.2 and 1.1.8)			X			X	-	-	-
a) If "no", the necessary modification to Figure 2-1 (Future Land Use) can be accomplished as a Minor Amendment (per UF Operating Memorandum) and without changing the Campus Development Agreement			X			X	-	-	-
3) The project location is consistent with policies that direct the location of specific uses (i.e. academic facilities, support/clinical facilities, housing, recreation/open space & parking) (Academic Facilities, Policy 1.2.3; Support/Clinical, Policies 1.1.3, 1.1.4 and 1.1.6; Housing, Policy 1.3.1; Recreation/Open Space, Policies 1.3.1 and 1.3.3; Transportation Policy 2.5.4 and 2.5.6)	X			X			-	-	-
4) <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	-	-	-	-	-	-
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					
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			

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
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			
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			
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			
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					
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			
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			

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					
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					
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					
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	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				
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					
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					
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					
20) The project integrates with existing topography and natural features (<i>Urban Design, Policy 1.3.11</i>)	X			X					

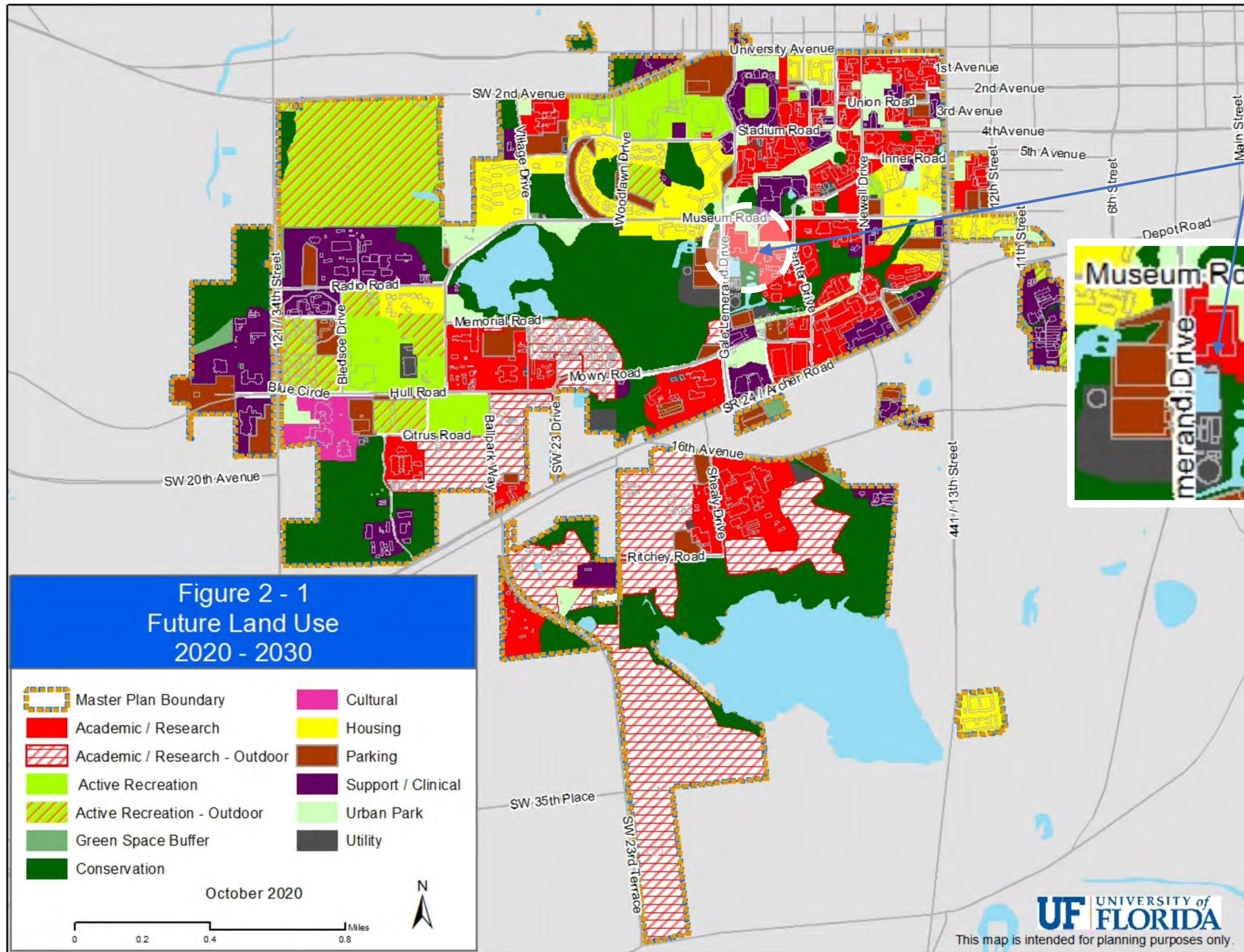
Campus Master Plan Checklist

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			
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					
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			
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			
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					
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					
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			
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					
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			
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			
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					

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

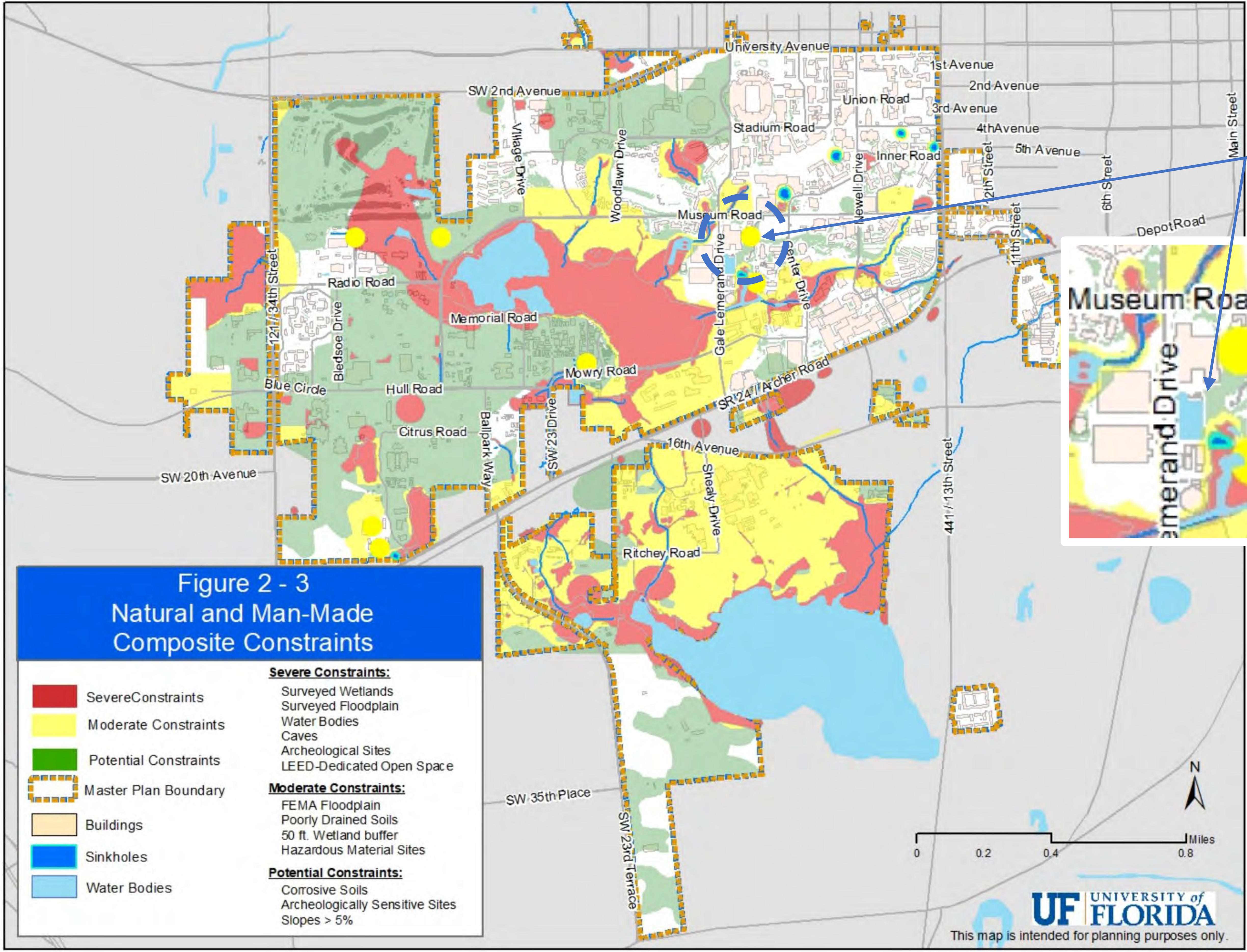
LUFPC Committee Meeting
February 1, 2022





PROJECT SITE

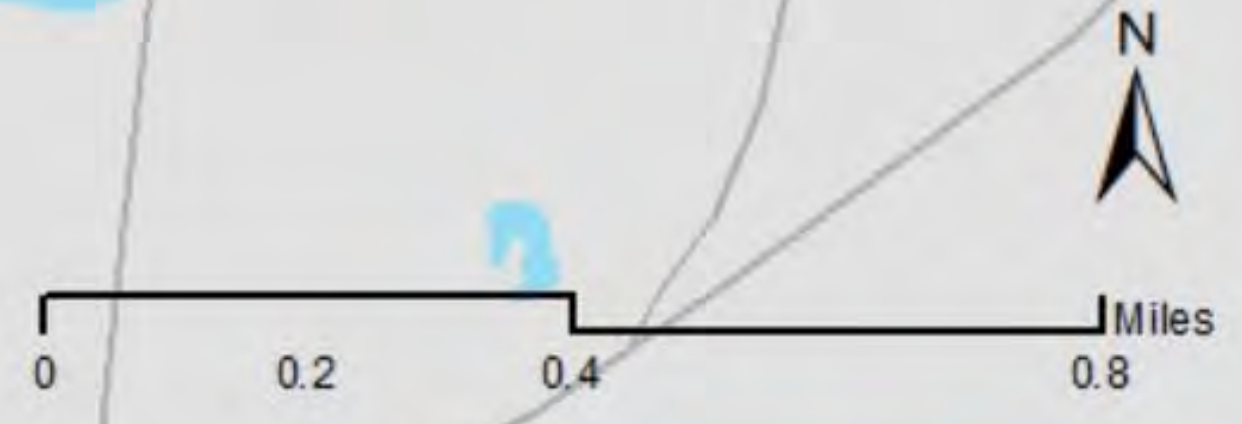




PROJECT SITE

**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		



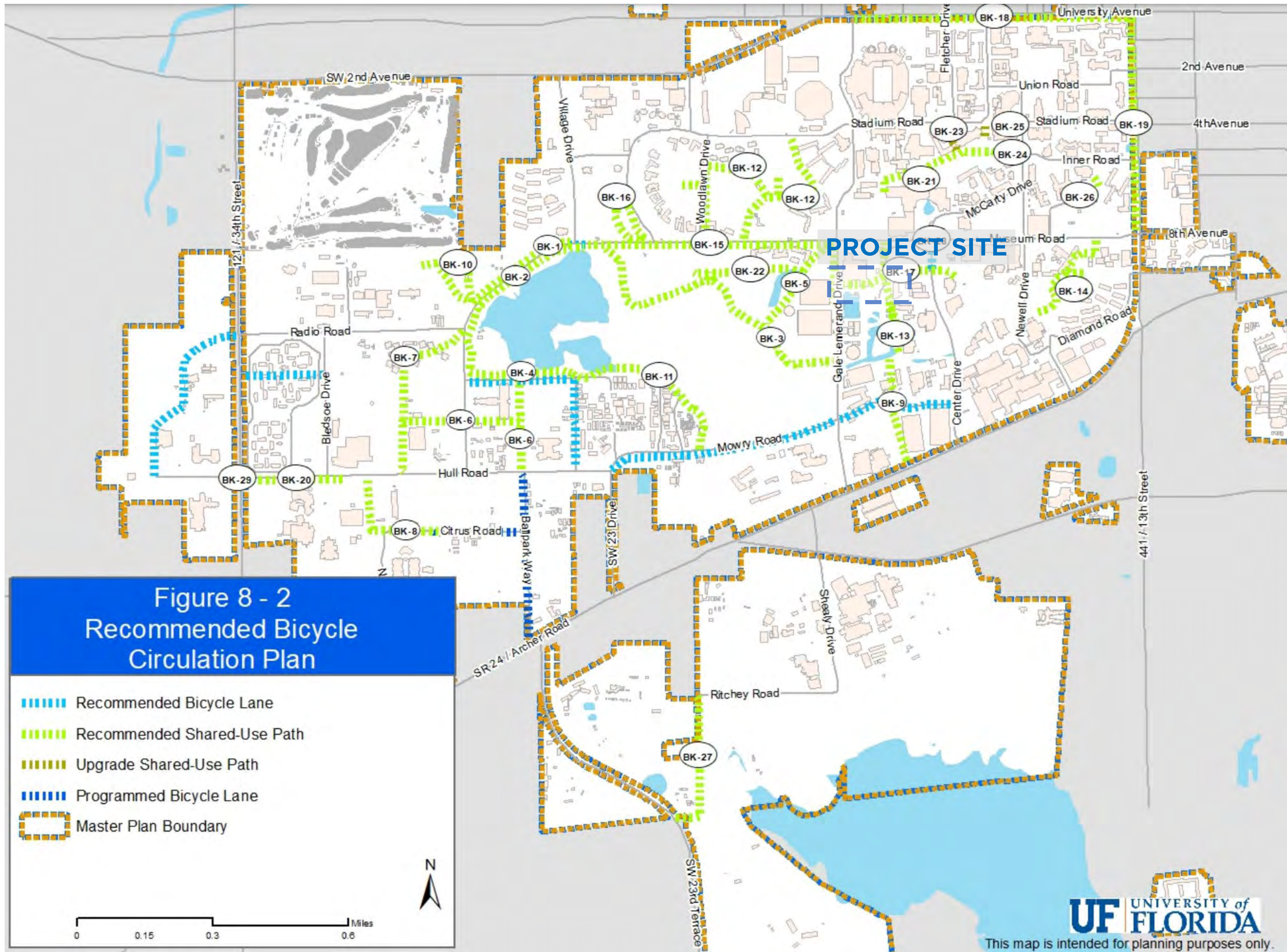
This map is intended for planning purposes only.



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

Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021





UFLMP PHYSICS SHARED USE PATH Context

Gainesville, FL
ML+H Project No. 21.38.0

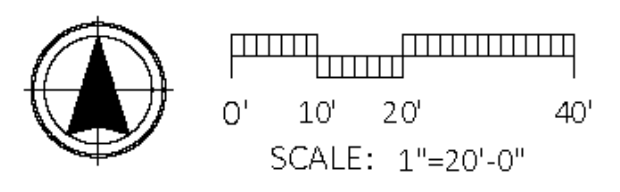
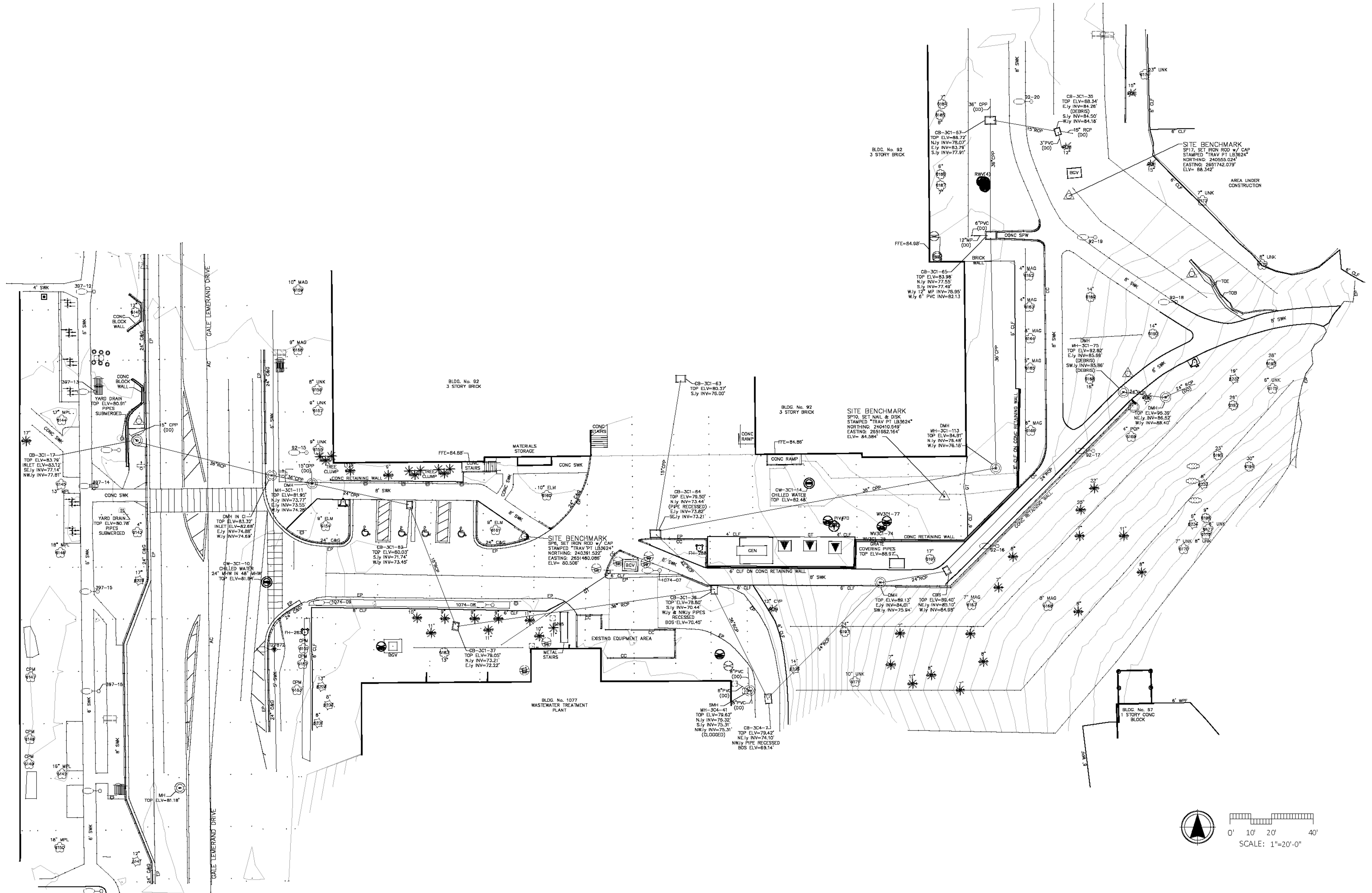
2.1.2021





Overview

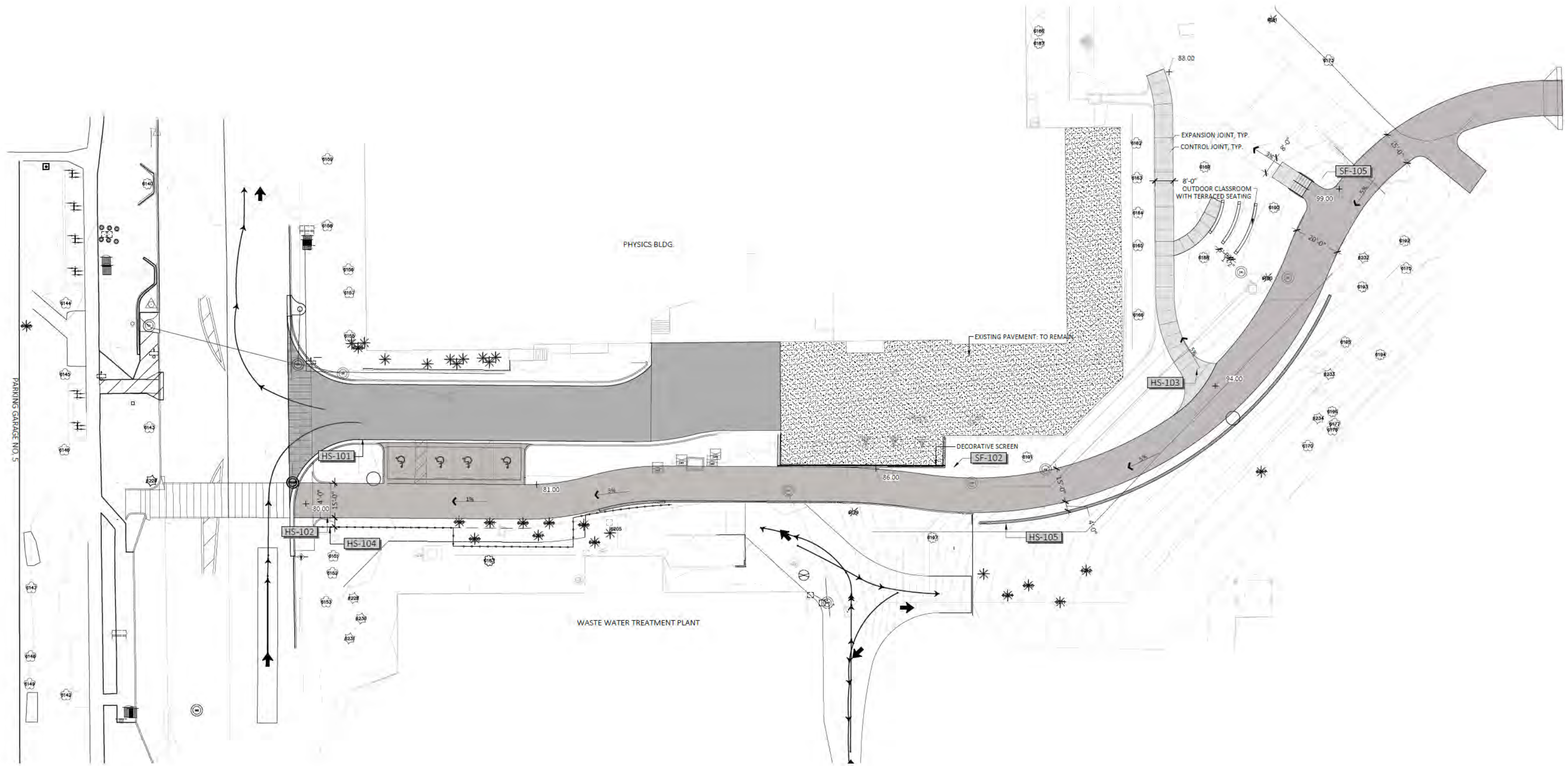
- Advances the University's vision for an "interconnected campus"
- Represents landscape master plan priority project no. 12
- ADA accessible, 15'-0", shared use, pervious pathway
- Creates a safer and more direct pedestrian connection from Garages 5 & 14 to the Physics, DSIT, and Mechanical Engineering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



UFLMP PHYSICS SHARED USE PATH Existing Site Conditions

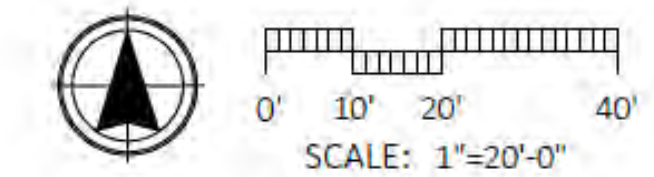
Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021



REFERENCE NOTES SCHEDULE

SYMBOL	HARDSCAPE DESCRIPTION	QTY	DETAIL	DESCRIPTION	FINISH/COLOR	MANUFACTURER/SUPPLIER	NOTES	
HS-101	ROADWAY	6,443 SF		ASPHALT ROAD	BLACK		TO COMPLY WITH FDOT STANDARDS	
HS-102	SHARED USE PATH	11,354 SF		ASPHALT PATH	BLACK		PERVIOUS ASPHALT, 1 1/4" MIN. THICKNESS	
HS-103	SIDEWALK	1,512 SF		CONCRETE PATH	UNCOLORED, MEDIUM BROWN		8" WIDE, MIN. 6" THICK; CONTROL JOINTS PER PLAN	
HS-104	FENCE	180 LF		ALUMINUM FENCE, MONTAGE PLUS	BLACK	MASTER HALCO	48" HEIGHT	
SYMBOL	SITE FURNITURE DESCRIPTION	QTY	DETAIL	DESCRIPTION	COLOR/FINISH	MANUFACTURER/SUPPLIER	CONTACT	NOTES
SF-102	SCREEN WALL	12		PERFORATED METAL PANEL	BLACK	GREEN SCREEN	WWW.GREENSCREEN.COM	FREE STANDING MODEL
SF-105	HAND RAIL	24 LF		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

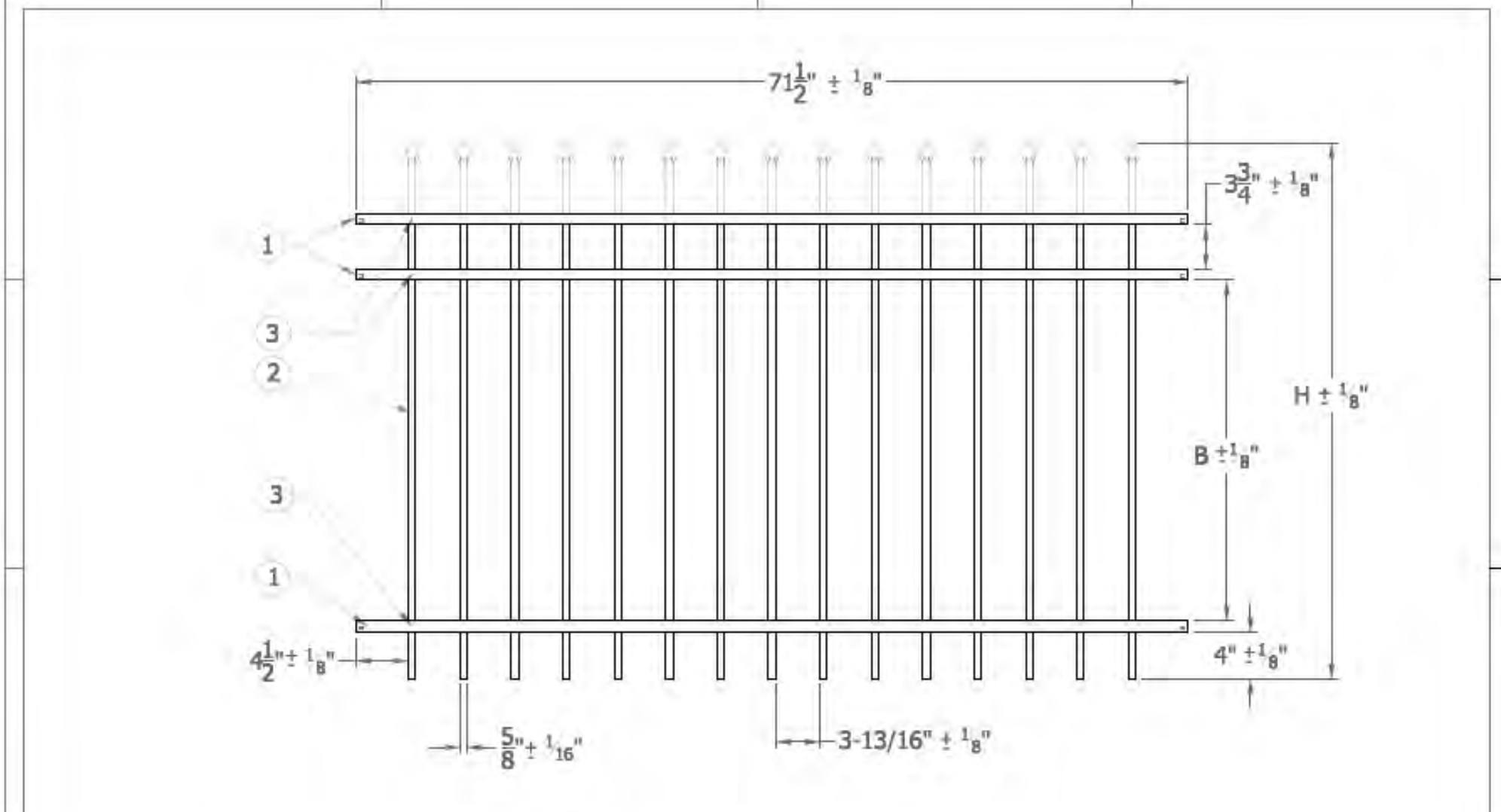
Color & Pattern: Uncolored

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.

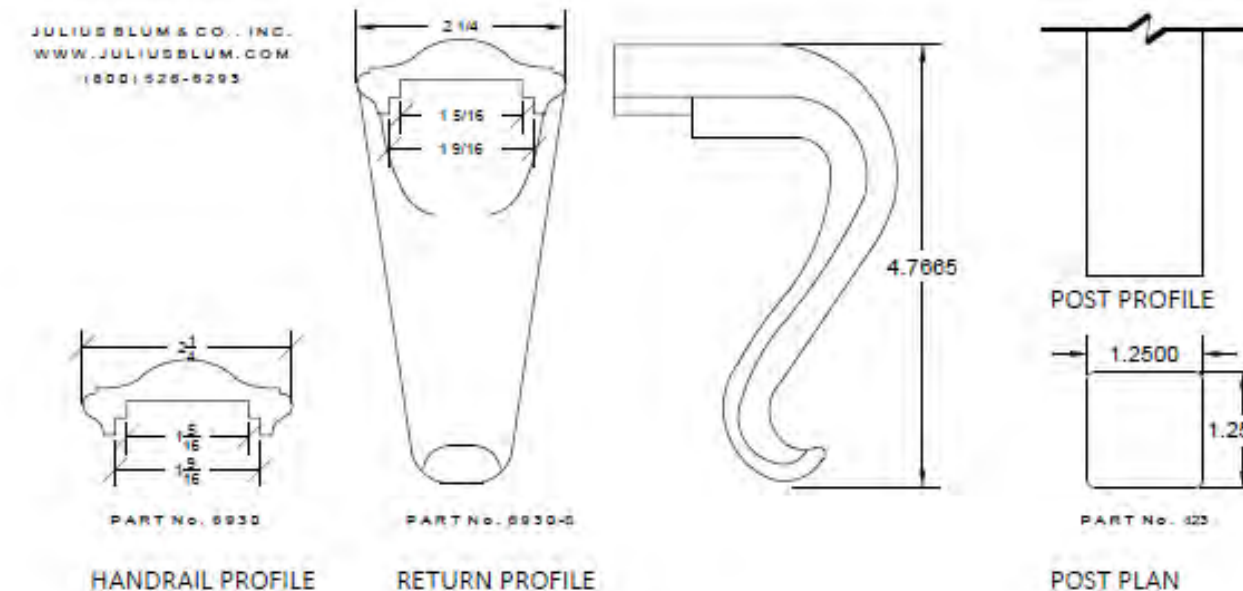
Panel Part No.	H	B
721752	48" (1168MM)	28-1/4" (743MM)
721762	58" (1473MM)	41-1/4" (1048MM)
721772	70" (1778MM)	53-1/4" (1353MM)

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 DWG: M131 Panel
DATE: 12-16-2008 DRAFT: 20160407-7
REV: LDC: MH/Detail/Panels
REV DATE: 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.

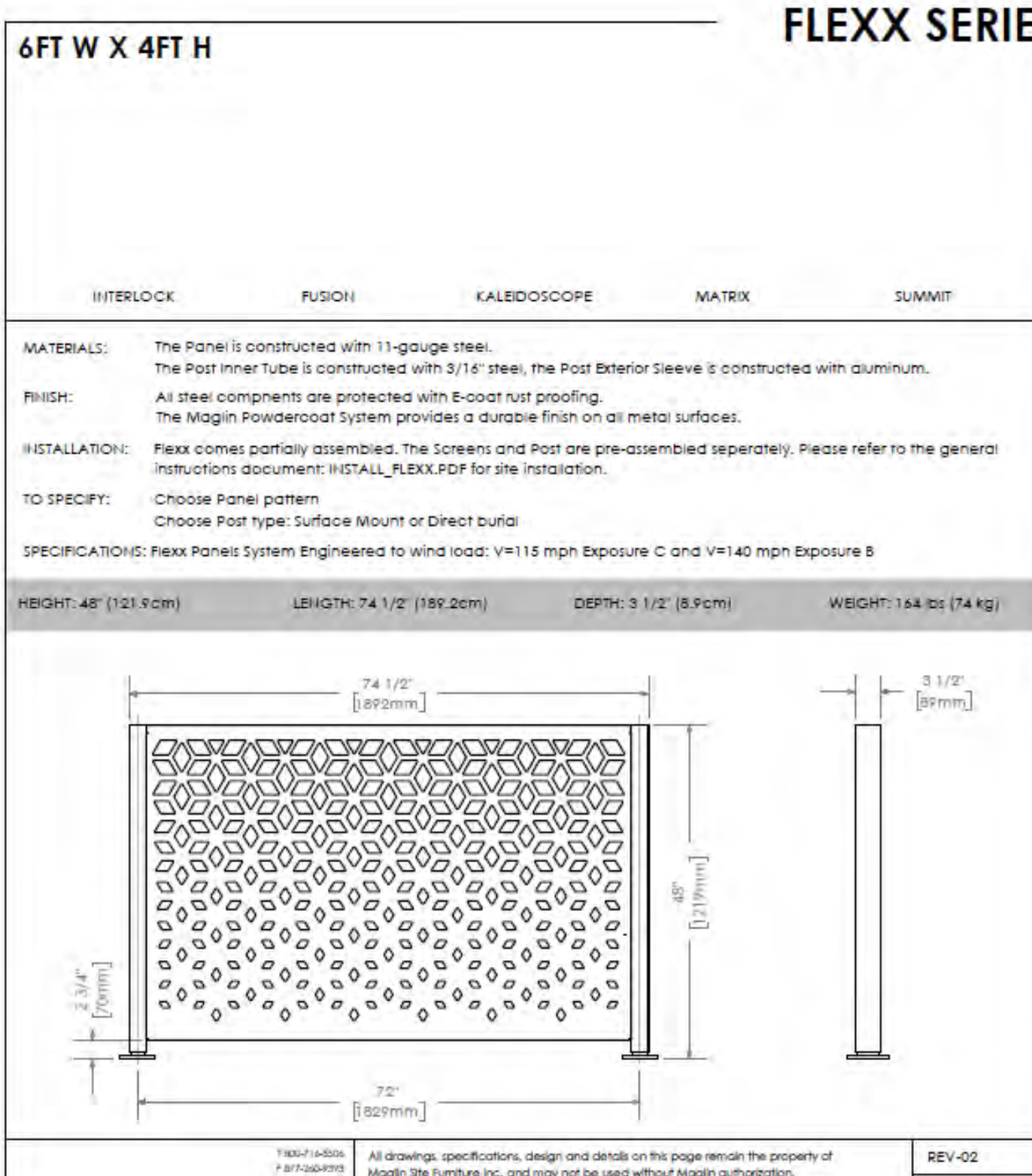
FINISH: All steel components are protected with E-coat rust proofing. The Maglin Powdercoat System provides a durable finish on all metal surfaces.

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)



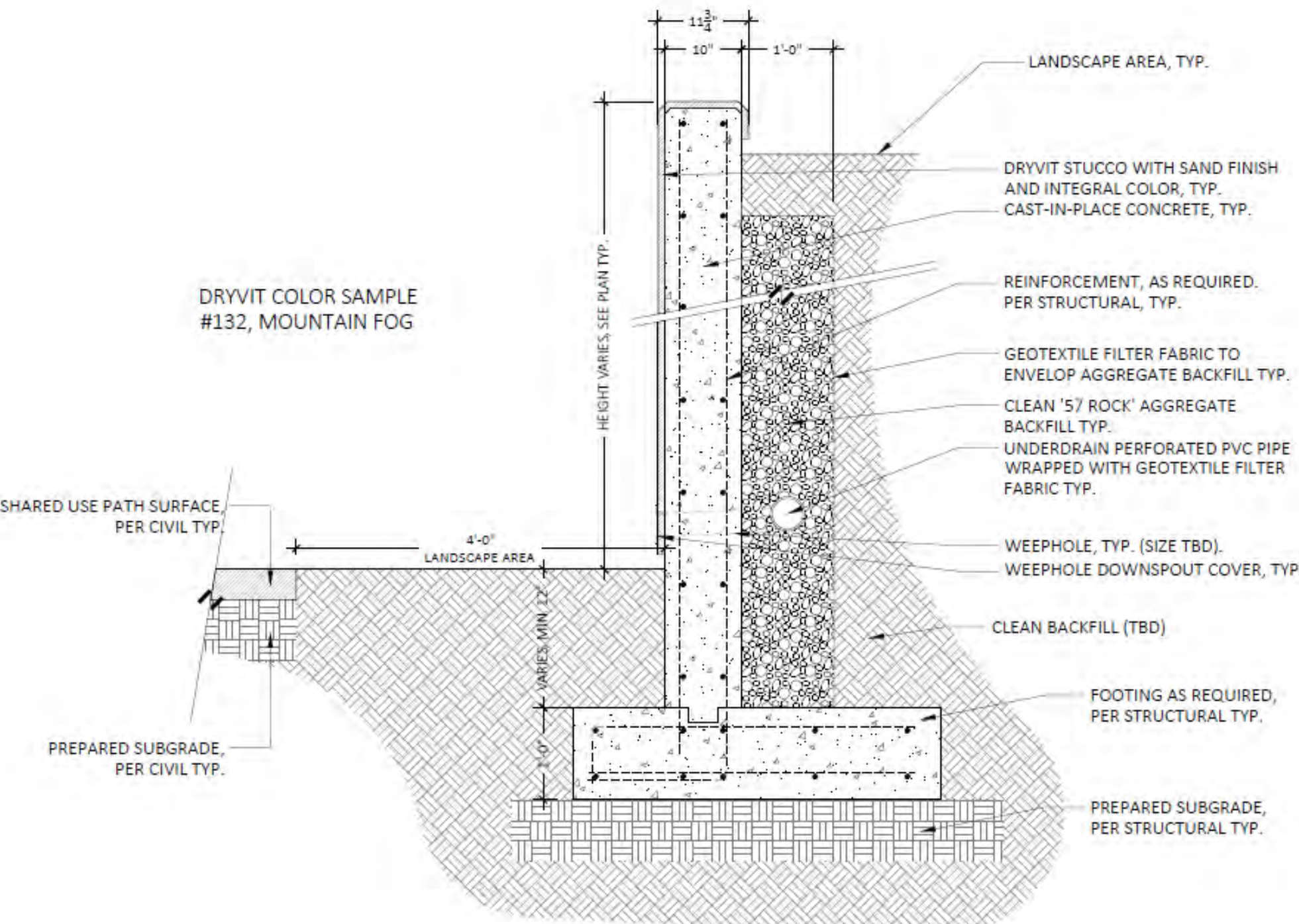
74 1/2" [1892mm]
3 1/2" [89mm]
72" [1829mm]
48" [1219mm]
3 3/4" [95mm]

1801-1-001
7-817-00-R15
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 '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 CIVIL TYP.

PREPARED SUBGRADE, PER CIVIL TYP.

SHARED USE PATH SURFACE PER CIVIL TYP.

4'-0" LANDSCAPE AREA

1'-0"

1'-0"



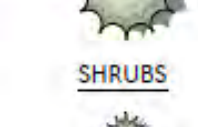

HEIGHT VARIES, SEE PLAN TYP.

DRYVIT COLOR SAMPLE #132, MOUNTAIN FOG



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

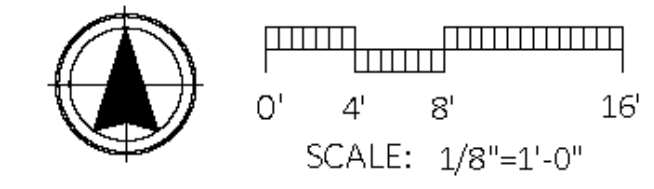


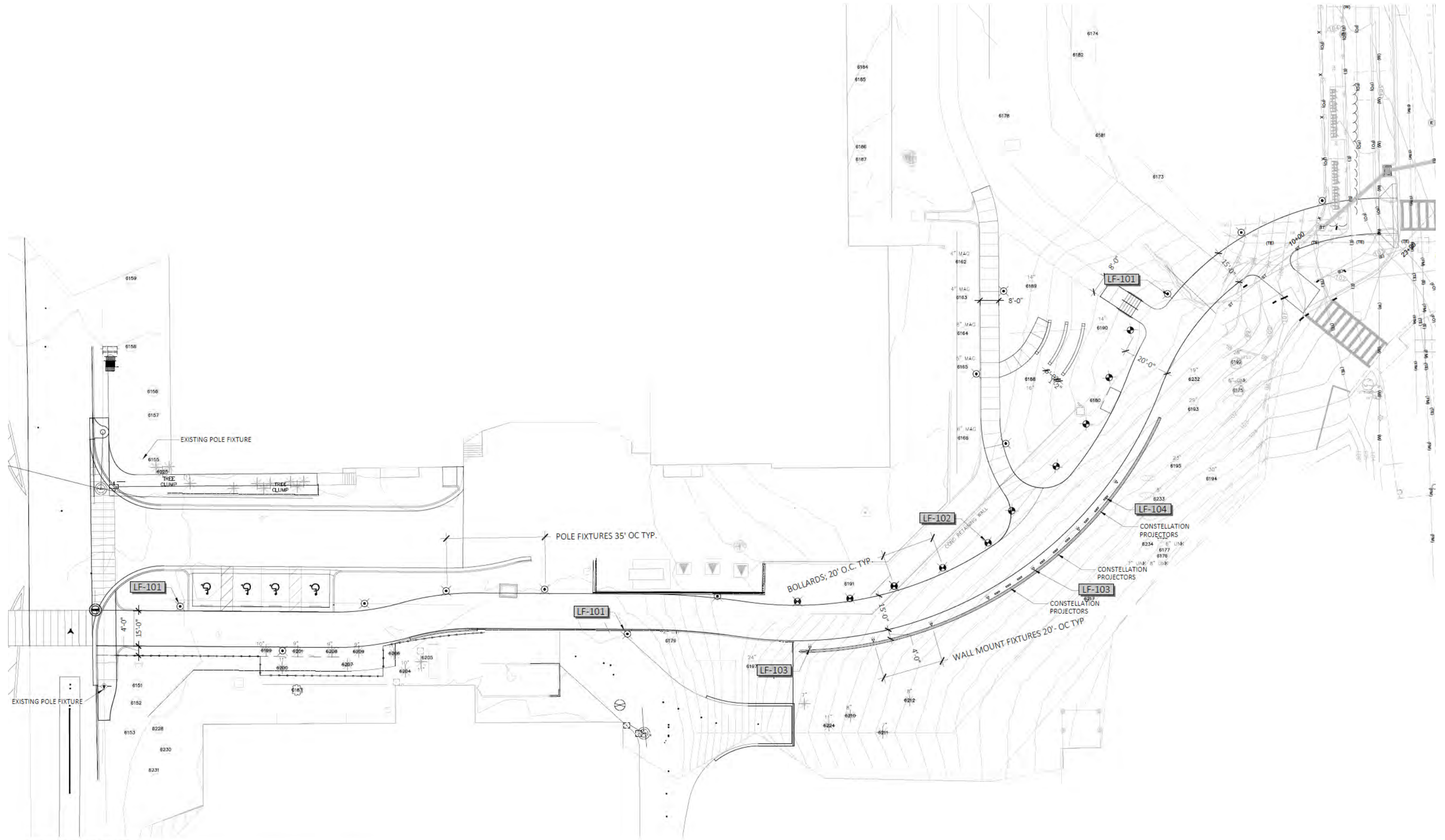
PLANT SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	HEIGHT	SPREAD	NATIVE	QTY
	MI	MAGNOLIA GRANDIFLORA 'LITTLE GEM' / LITTLE GEM DWARF SOUTHERN MAGNOLIA	65 GAL.	3"	8'	4'	YES	20
	Po	PLATANUS OCCIDENTALIS / AMERICAN SYCAMORE "MOON TREES"	SEEDLING					8
	Td	TAXODIUM DISTICHUM / BALD CYPRESS	65 GAL.	3"	8'-10'	5'	YES	5
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	HEIGHT	SPREAD			
	Sf	SERENOA REPENS / SAW PALMETTO	7 GAL.	2'	2'			53

ORNAMENTAL PLANTING SCHEDULE

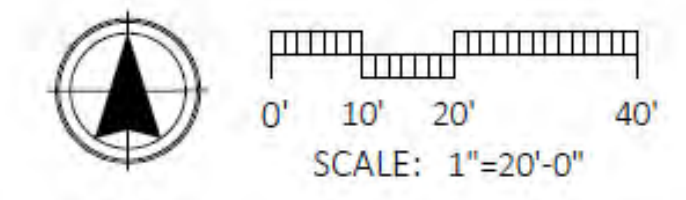
SYMBOL	LANDSCAPE DESCRIPTION	QTY	DETAIL
	TIER 1 PLANTINGS: PER UFLMP, FOCUSED ON NATIVES.	5,180 SF	
	TIER 2 PLANTINGS: PER UFLMP, FOCUSED ON NATIVES.	5,314 SF	





LIGHT FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	QTY	DETAIL	DESCRIPTION	FINISH/COLOR
LF-101	POLE FIXTURE	13		PHILLIPS LUMEC 12'	CAMPUS STANDARD
LF-102	BOLLARD FIXTURE	11		BOLLARD LIGHT	CAMPUS STANDARD
LF-103	WALL FIXTURE	7		WALL LIGHT	CAMPUS STANDARD
LF-104	CONSTELLATION PROJECTOR	9		PROJECTION LIGHT	

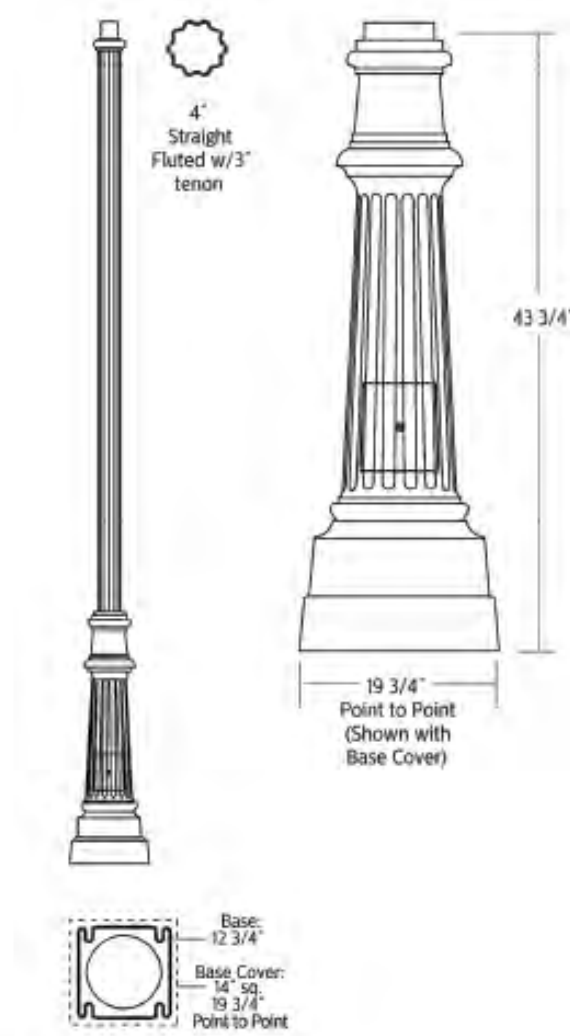


UFLMP PHYSICS SHARED USE PATH Lighting Plan

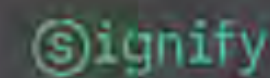
Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021

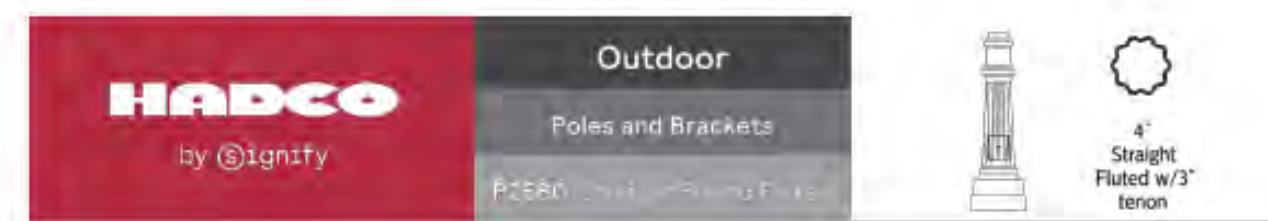
P2560 Poles and Brackets
Straight Round Fluted



The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.



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



Location: _____
City: _____
State: _____
Zip: _____

Order guide

Product Code	Pole Height	Finish	Outlet Location	Outlet Options
P2560	10' 12' 14' 16'	A Black G White H Bronze J Green	T 12' Down from Top - Aligned with House Side B 4' Up from Top of Base - Aligned with House Side	D Standard Duplex G GFI Duplex

ETA values based on destructive break testing. For AASHTO ratings, contact factory.

Pole Data

Pole Model	Pole Shape	Pole Type	Shelf Dimensions	Pole Fluted	Anchor Base Shape	Base Circle	Base Dia (in)	Hand Hole Dia (in)
P2560	Round	Straight	4	Fluted	square	11 to 14	12.75 x 43.75	4.375 x 5.75

Pole Family	Catalog Number	Nominal Height (ft)	Tenon Section (in)	Wall Thickness (in)	ETA Rating (10 MIP) (ft)	ETA Rating (10 MIP) (in)	Anchor Size (in)
P2560	P2560-10	10	3	0.125	13.78	8.34	3/4-19 bs
P2560	P2560-12	12	3	0.125	11.22	6.90	3/4-19 bs
P2560	P2560-14	14	3	0.125	8.07	3.77	3/4-19 bs
P2560	P2560-16	16	3	0.125	5.54	2.72	3/4-19 bs

Specifications

HOUSING:

356 HM high-strength, low-copper, proprietary cast aluminum alloy, 303 Permanent mold aluminum, 6005-T5 extruded aluminum. Anchor rods are hot dipped galvanized steel. Tenon is 356 HM sand cast aluminum.

FINISH:

A durable polyurethane enamel finish is applied after assemblies are shot blasted to create a surface profile which allows for the highest level of paint adhesion. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B-87-64 and ANSI/ASTM D53-77 specifications. For larger projects where a custom color is required, contact the factory for more information.

WARRANTY:

Please visit www.signify.com/warranties for more details on structural and finish warranty.

OUTLET:

Standard Duplex Outlet has universal metal weatherproof cover. Weatherproof while in use. Heavy-duty all-metal construction. Lockable security cover. Meets NEC 406.9 (B). Weather resistant. GFI Duplex Outlet has dual-function indicator light, universal metal weatherproof cover. Weatherproof while in use. Heavy-duty all-metal construction. Lockable security cover. Meets NEC 406.9 (B). Weather resistant.

Hadco_P2560_Pole_SpecSheet_1119_page 2 of 2



Project: _____
Location: _____
Cat No: _____
Type: HA1a
Lenses: _____ Qty: _____
Notes: _____

Whether you are looking to beautify or add a sense of security and well-being to your outdoor space, the highly configurable Philips Hadco LED reflective post paired with the latest LumLock light engine GX4 will definitely help you achieve your goals. A multitude of exterior luminaires styles allow you to create pronounced and areas evoking timeless, historical charm both day and night. The configurable LED light engine GX4 is an ideal alternative to HID sources, providing you with significant energy savings, and more choices for light levels, optics and controls. Includes Service Tab. Philips innovative way to provide assistance throughout the life of the product.

Ordering guide: Luminaires

Series	Body	Ref	Cap	Field	Feature	Flair	Optic	Post Photo Control
RL34 Wide Body Type 1	A Original style B Reflective style	A Victorian B Modern	F Cap for wide body globe G Cap for wide body globe	A 1 Hrs. heat B None	A Black B White C Silver	S Clear W White	E CO Inc. F Other Opt	

Feature	Color Temp	Voltage	Dim Curve	Integrated Control Options	Option 1	Option 2	Option 3	Signify Protection
SP1 1 pin recessed on the angle	2700K 3000K 3500K	120-277 VAC 3 350mA 4 320mA	Development 14 DA 4 Hrs 25% Reduction DB 6 Hrs 25% Reduction DC 4 Hrs 25% Reduction DD 6 Hrs 50% Reduction DE 6 Hrs 75% Reduction DF 6 Hrs 25% Reduction DG 6 Hrs 50% Reduction DH 6 Hrs 75% Reduction DI 4 Hrs 25% Reduction DJ 4 Hrs 50% Reduction DK 4 Hrs 75% Reduction DL 4 Hrs 25% Reduction DM 4 Hrs 50% Reduction DN 4 Hrs 75% Reduction	AST1 Adjustable start up time N None	EXD1 Constant light output N None	OTL1 Over the life N None	SP1 10yr/100k Signify Protection SP2 20yr/200k Signify Protection	

- Not available with A post.
- Not available with B post.
- Use of photoelectric cell (photo covered) or photocell or photocell cap is required to ensure proper illumination. When B, R, or D options are selected, product will ship with shoring cap(s) installed.
- Only available with A, B, C, and D options, not available with other variants A or B.
- Not available with 6 pin only available with A post.
- Optional Dimmable dimming schedules, DALI, AEC, CEC, and OTC not available with SP1 and SP2.
- When SP1 option is selected, luminaires will be fitted with SP1 instead of SP2.
- Not available with B, C, D, and E voltage.
- Not available with 10 or 15.
- DMW not available with CL3.



RL34-RL34_Spec_0918_page 1 of 7

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-N-SP1



UFLMP PHYSICS SHARED USE PATH Lighting Details

Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021





PHYSICS BLDG.

ASPHALT DRIVE

ADA PARKING

SHARED USE PATH

GALE LEMERAND DRIVE

 **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

2.1.2021

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UFLMP PHYSICS SHARED USE PATH Perspective: Main Pathway

Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021



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UFLMP PHYSICS SHARED USE PATH Perspective: Main Pathway, Night

2.1.2021

Gainesville, FL
ML+H Project No. 21.38.0





OUTDOOR CLASSROOM

CONSTELLATION PROJECTION ↓

RETAINING WALL

SHARED USE PATH

GREEN SPACE

ASPHALT DRIVE

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UFLMP PHYSICS SHARED USE PATH Perspective: From Lower Level, Night 2.1.2021

Gainesville, FL
ML+H Project No. 21.38.0

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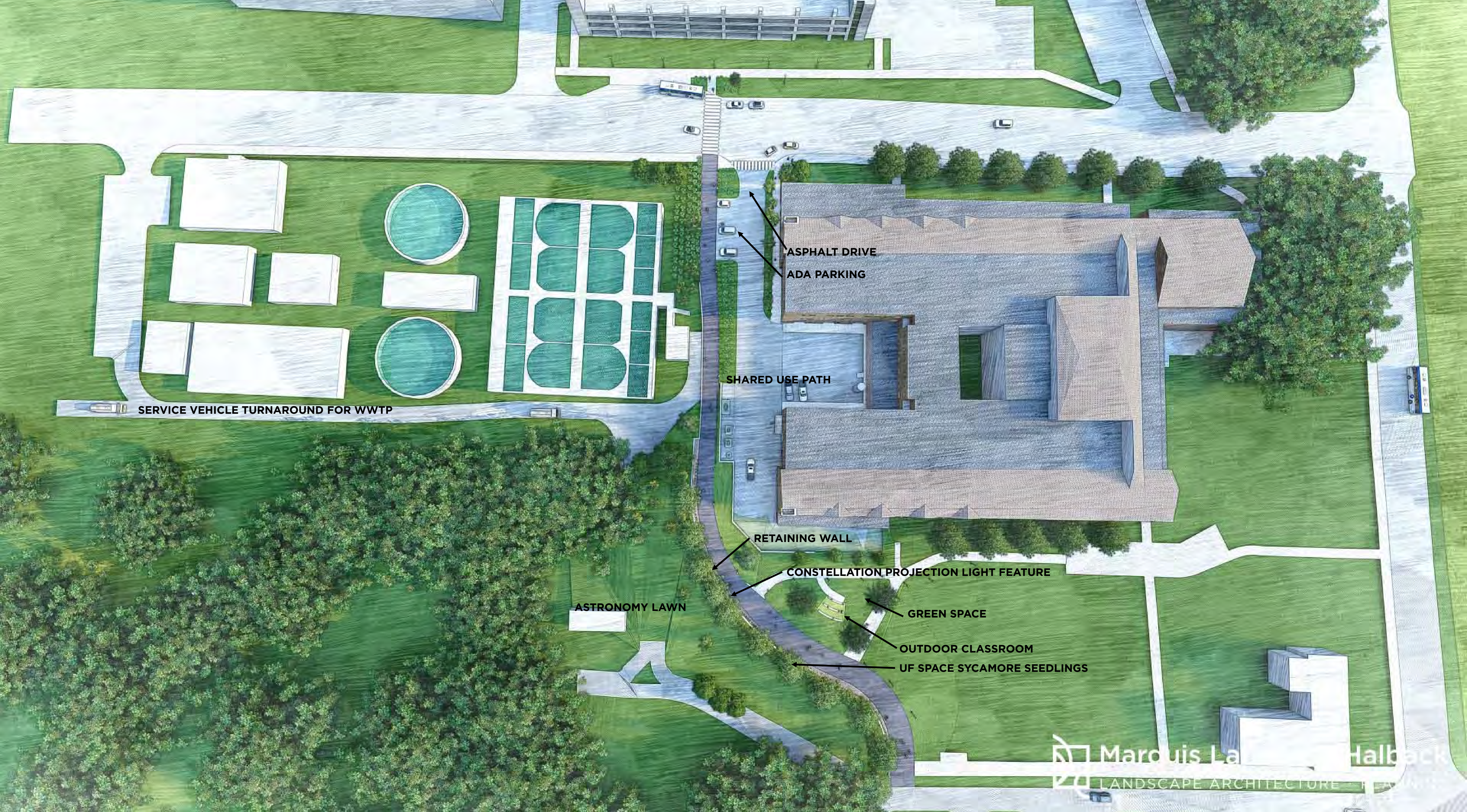


UFLMP PHYSICS SHARED USE PATH Illustrative Site Plan

Gainesville, FL
ML+H Project No. 21.38.0

2.1.2021

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Next Steps

Schematic Design / ASD
February 2022 (Today)

Design Development
March or April 2022