REPORT TO THE LAKES VEGETATION AND LANDSCAPING COMMITTEE

TO:	The LVL Committee	FOR:	December 10,2020 LVLC meeting.
VIA:	Carlos Dougnac, Assistant Vice President, PDC	FROM:	Melanie Heflin, Project Manager
REQUESTOR:	Frank Javaheri, Director of Construction, PD&C	PRESENTERS:	Melanie Heflin and User Group

	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	N/A
X	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.*	Seeking Phase Approval	12/10/20
	DESIGN DEVELOPMENT	*The committee will review and recommend approval/denial of final landscaping - appropriateness and inclusion of any mitigation for tree removal.*		

BACKGROUND INFORMATION:

PROJECT:
UF-656, Campus Master Plan Implementation - Court Campus Gateway (Tigert)/Newell Gateway

SITE:
See attached location map.

STATUS:

- Project is at the Advanced Schematic Design Stage
- CM Selection Notice 12/4/20
- Design Complete on or about March/April 2021
- Construction begin approximately May 2021

OBJECTIVES:

- Redesign of Court Campus Gateway Tigert/Newell Entrances and proposed Landscaping for both areas
- Compliance with the Landscape Master Plan
- ASD Approval

PROJECT PHASE AND PRESENTATION NARRATIVE:

- Advanced Schematic Design
- Presentation will show proposed revisions to Court Campus Gateway Tigert/Newell gateway intersections at US Hwy 441 and Newell Drive.

ENCLOSURES:

1. Committee report
2. Presentation
3. CMP Checklist
4. Location Map

Campus Master Plan Checklist

TO: ULUFPC, LVLC, PHBSC, P&TC DATE: 2/20/20 PROJECT: UF-656, Campus Master Plan Implementation - Court Campus Gateway (Tigert)/Newell Gateway

Prepared by: Erik Lewis FROM:

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 ☐ Concept ☒ 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) ☐ As presented in the adopted Campus Master Plan ☐ With edits to Table 13-1 to modify the project GSF or description ☐ 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				-	-	-
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) ☒ The project is not a temporary building; OR ☐ 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					

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD: SCHEMATIC DESIGN ☐ Concept ☒ Advanced			DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
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 13th St), SW 13th St, Center Drive, Museum Rd (west of Center Dr. to SW 13th St), Archer Rd/SW 16th 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			
7) The project is a minimum of 3-stories; OR the project demonstrates unique programmatic, functional or code requirements that dictate a variance from the 3-story minimum; OR the project meets alternate building height and design characteristic requirements based on its location in unique areas of campus for which more specific building design requirements apply (i.e. near Orthopaedic & Sports Med, SW Research Circle/Cancer-Genetics area, Fifield Hall area, Cultural Plaza, Radio Road Commuter Lot area, Archer Road Corridor/Planning Sector "G", Historic Impact Area, PKY Developmental Research School and Eastside Campus) *(Urban Design, Policy 1.3.4 through 1.3.10)*; OR the project meets guidance for building height and design of housing facilities *(Housing, Policy 1.3.2)*			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 2nd Ave, SW 13th St, Archer Rd, and SW 34th St)	-	-	-	X					
9) ☐ The project includes exterior public art; - *Note: LVLC and PHBSC (if applicable) approval recommendation required* OR ☐ The project demonstrates that exterior installation of public art is infeasible or undesirable *(Urban Design, Policies 1.6.2, 1.6.3 and 1.6.4)*	-	-	-			X			
10) Utilities and associated support structures are installed underground or are appropriately screened from view by decorative architectural walls or landscaping *(Electric Power and Other Fuels Sub-Element, Policy 2.1.7 and 2.1.8)*	-	-	-			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 ☐ The site is located adjacent to an Archaeological Site or within an Archaeological Sensitivity Zone *(Urban Design, Policy 1.7.1)*: AND/OR ☒ The project is new construction or a building addition located within the Historic District or Historic Impact Area depicted on Figure 1-2, Urban Design Element; AND/OR ☐ The project includes renovation, rehabilitation or restoration of an existing structure that meets the definition of "historic property" described in Policy 1.5.4 of the Facilities Maintenance Element	X			X					

Campus Master Plan Checklist

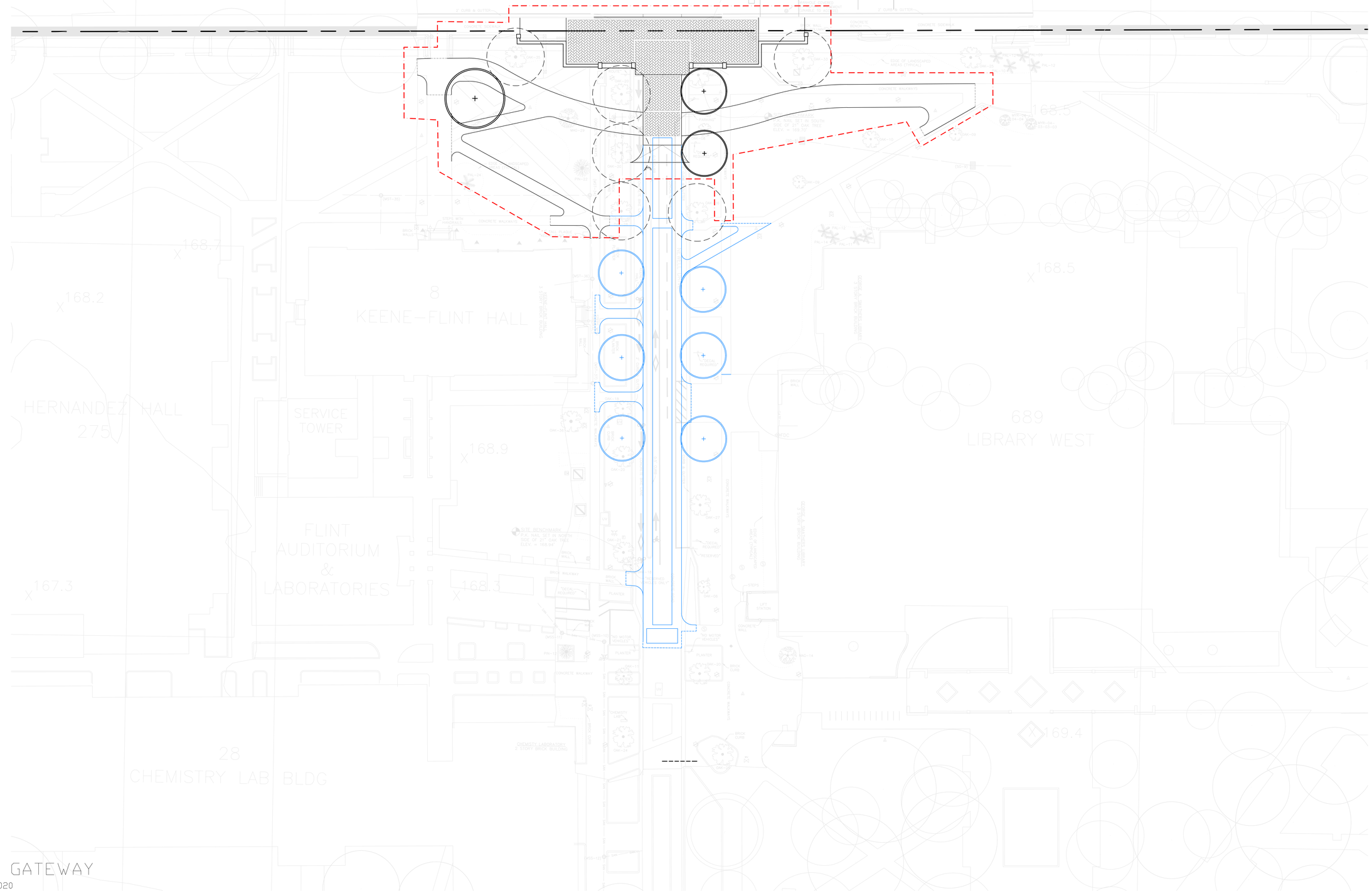
EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD: SCHEMATIC DESIGN ☐ Concept ☒ Advanced			DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
a) If "yes" for new construction or building additions, the project design is sensitive to the orientation and character defining features of existing structures in the Historic Impact Area *(Urban Design, Policy 1.7.2)*; with a building height between 2 and 5 stories not to exceed the height of existing historically significant buildings in close proximity *(Urban Design, Policy 1.3.7)*	X			X					
LAKES, VEGETATION AND LANDSCAPING COMMITTEE (LVLC) – Note: see also #8 above									
12) ☒ The project does not reduce the size of an area in the Conservation Future Land Use (Figure 2-1, Future Land Use); OR ☐ The project mitigates the Conservation Future Land Use change per Conservation, Policy 1.4.11	X			X					
13) ☐ The project (or any associated utilities or infrastructure) is not adjacent to or within a Conservation Future Land Use; OR ☒ The project siting, orientation and landscaping minimize visual impact on the Conservation Area, preserve native vegetation and allow a graduated transition from developed areas to Conservation Areas *(Conservation Element, 1.1.4)*	X			X					
14) The project minimizes impacts and 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 *(Conservation, Policies 1.4.8, 1.4.9 and 1.4.10) – Note: LVLC approval recommendation required*			X			X			
15) ☒ The project is not within 50-feet of a wetland; OR ☐ The project within 50-feet of a wetland minimizes impacts to wetlands and the required wetland buffers; and provides a minimum 35-foot setback and average 50-foot setback; and uses only native plants in a naturalistic landscape design within wetland buffers *(Conservation, Policies 1.2.1, 1.2.2, 1.2.3, 1.2.4, and 1.2.5)*	X			X					
16) ☒ The project is not within the 100-year floodplain; OR ☐ The project within the 100-year floodplain addresses building elevation, compensating storage and off-site mitigation *(Conservation, Policy 1.2.6)*	X			X					
17) ☒ 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; OR ☐ The project inventories such species and develops protection or relocation plans in coordination with appropriate local, state and federal agencies *(Conservation, Policies 1.3.2 and 1.3.3)*	X			X					
18) ☐ The project site does not impact an Open Space Connection identified in Figure 1-4, Urban Design Element ; OR ☒ The project maintains, enhances or satisfactorily realigns the open space connection *(Urban Design, Policies 1.2.4 and 1.3.2; and Transportation, Policy 2.2.5)*	X			X					

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD: SCHEMATIC DESIGN ☐ Concept ☒ Advanced			DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
19) ☐ The project site is not within or adjacent to an Open Space Enhancement Priority area identified in Figure 1-5, Urban Design Element; OR ☒ The project provides appropriate landscaping, hardscaping, and bicycle/pedestrian open space enhancement for the related Open Space Enhancement Priority area *(Urban Design, Policy 1.4.2)*	X			X					
20) The project integrates with existing topography and natural features *(Urban Design, Policy 1.3.11)*	X			X					
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 *(General Infrastructure Stormwater Sub-Element, Policy 1.3.5)*			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 *(Urban Design, Policies 1.3.3 and 1.4.1)*	-	-	-	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 *(General Infrastructure Stormwater Sub-Element, Policies 1.2.4 and 1.2.5)*	-	-	-	X					
24) The project incorporates Best Management Practices and Low Impact Development design to address stormwater quality and quantity including pollutants, erosion and sedimentation *(General Infrastructure Stormwater Sub-Element Policies 1.3.2, 1.3.3, 1.3.4 and 1.4.1)*	-	-	-	X					
25) The project satisfies UF Design & Construction Standards for tree protection, removal, relocation and mitigation *(Urban Design, Policies 1.4.9, 1.4.10 and 1.4.12) – 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 *(Urban Design, Policies 1.4.13, 1.4.14 and 1.4.15) – 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 *(Transportation, Policy 1.2.2 and 1.2.3)*			X			X			
28) ☐ The project does not result in any significant loss of existing parking; OR ☒ The loss of significant existing parking is mitigated - Note: Parking loss mitigation to be negotiated in consultation with the P&TC *(Transportation, Policy 2.6.5)*	X			X					
29) The project satisfies UF Design & Construction Standards for bicycle parking including quantity, location and lighting with covering as feasible *(Transportation, Policy 2.2.6)*	-	-	-	X					

Campus Master Plan Checklist

EVALUATION CRITERIA	PROGRAMMING AND SITE SELECTION			COMBINE FOR DESIGN-BUILD: SCHEMATIC DESIGN ☐ Concept ☒ Advanced			DESIGN DEVELOPMENT		
	YES	NO	NA	YES	NO	NA	YES	NO	NA
30) ☐ The project provides hot water showers and lockers for use by bicycle commuters; OR ☒ The project demonstrates that hot water showers and lockers are infeasible *(Transportation, Policy 2.2.13)*	-	-	-	X					
31) The project provides adequate parking to meet the needs of disabled persons, service and delivery vehicles necessitated by the building construction project *(Transportation, Policy 2.6.5)*	-	-	-	X					



NEWELL GATEWAY

November 3, 2020

0 5 10 20 40'

SCALE 1:20 @ 30X42"

N

NORTHEAST CAMPUS GATEWAY

November 3, 2020

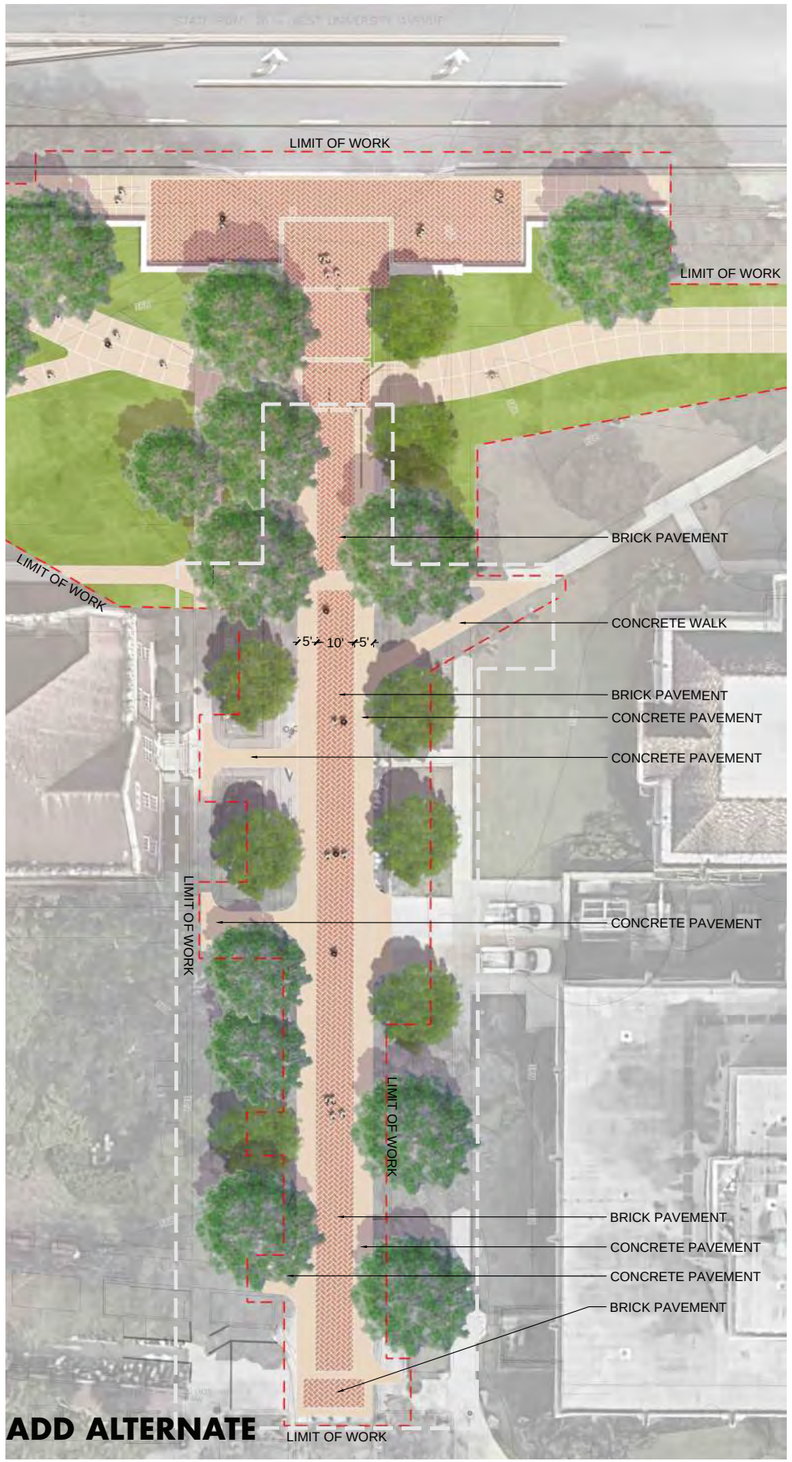
SCALE 1:20 @
30X42"

UNIVERSITY OF FLORIDA

UF - 656 LMP IMPLEMENTATION PROJECTS

NEWELL GATEWAY

NORTHEAST CAMPUS GATEWAY



ADD ALTERNATE

BASE BID

NEWELL GATEWAY

DECEMBER 02, 2020

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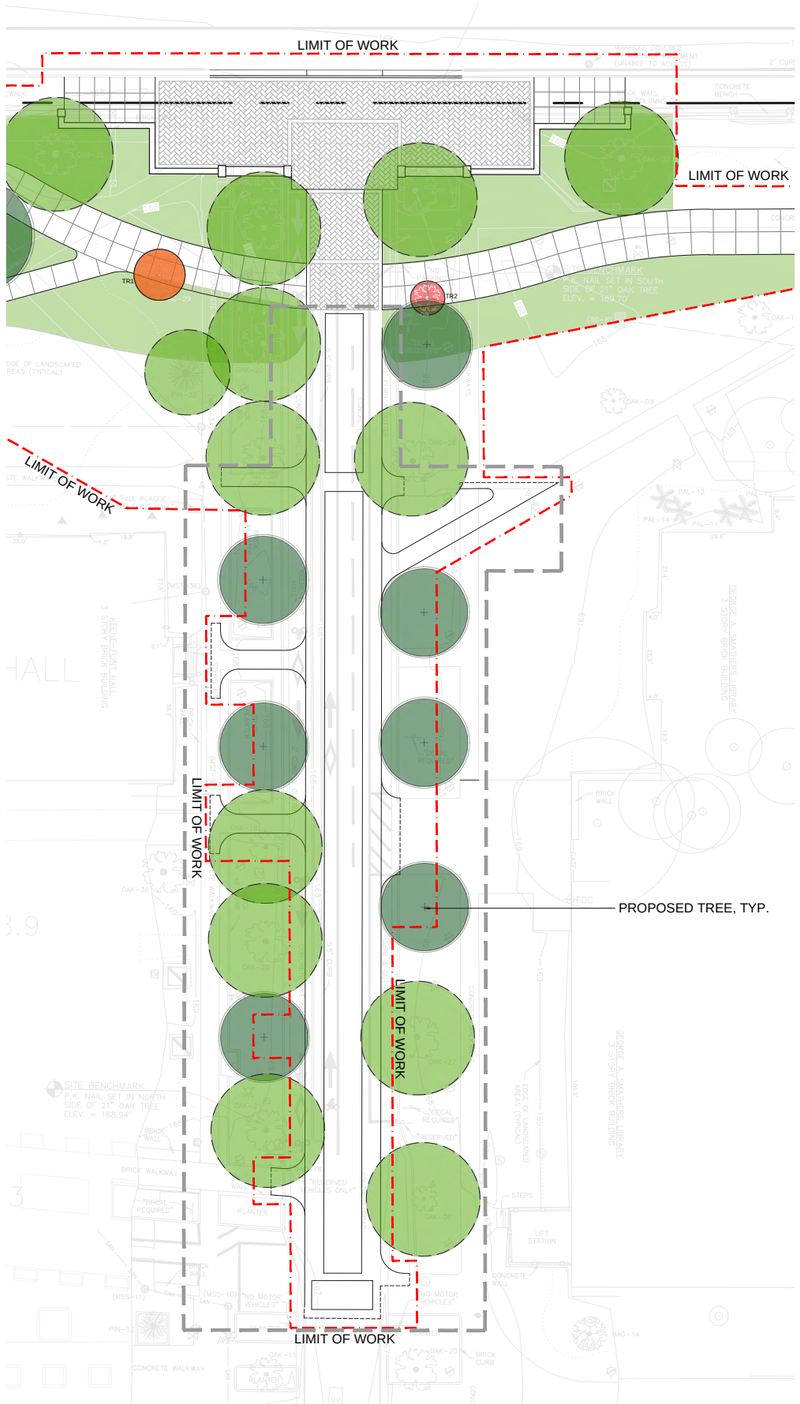

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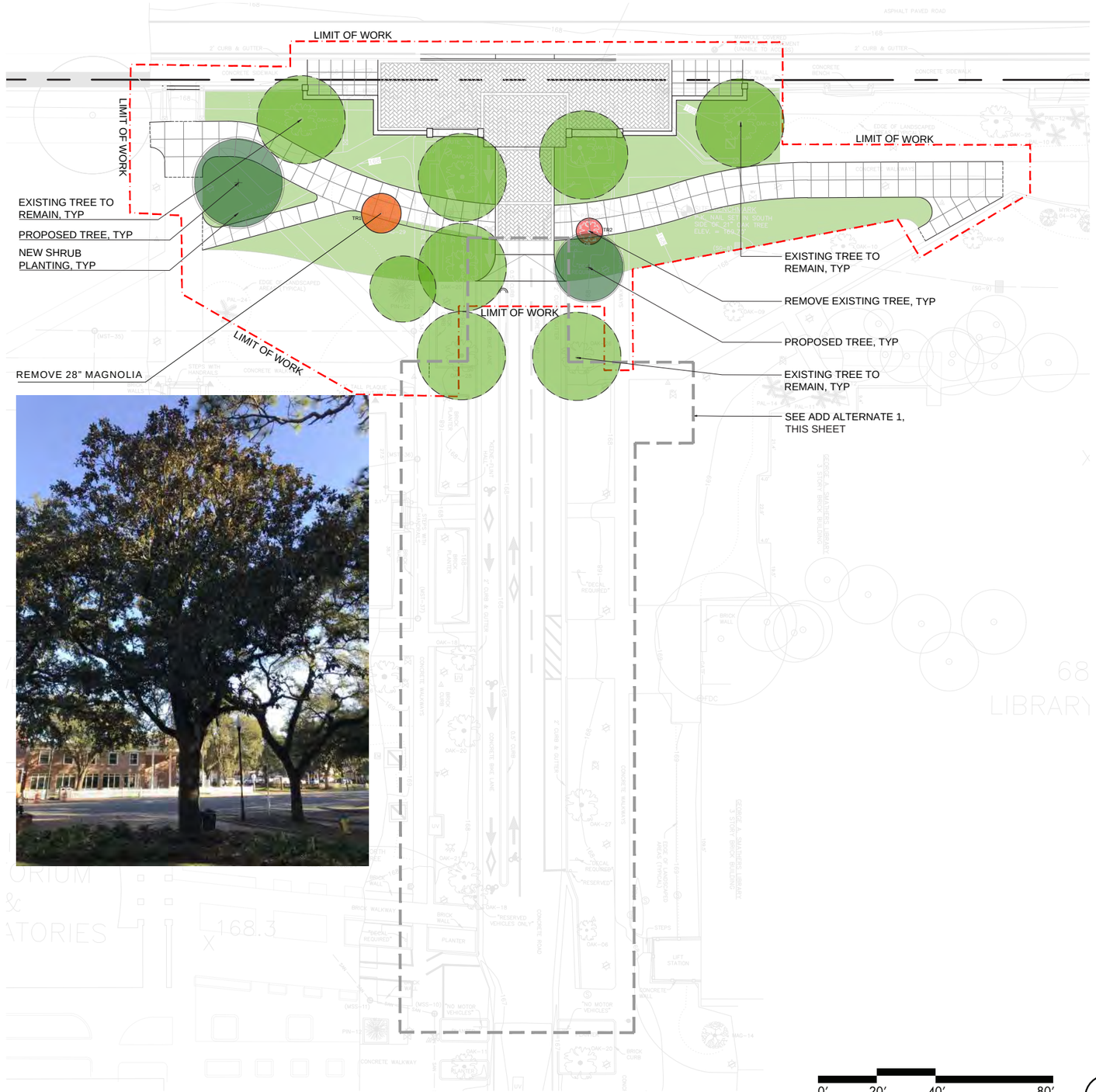

BASE BID

0′ 20′ 40′ 80′
SCALE: 1″ = 40′

N

NEWELL GATEWAY *PLANTING & TREE MITIGATION*

DECEMBER 02, 2020

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EXISTING TREE RATING CRITERIA

No.	Ranking	Description
5	Good	Excellent specimen with even and lush canopy; no visible external injuries; no root circling/injury
4	Average	Overall and consistently full canopy; few if any minor external injuries or root issues
3	Fair	Uneven or partially impacted canopy; minor injuries; minor root circling/injury
2	Poor	Canopy not thriving or partially dead; numerous epiphytes or evidence of parasitic plants; injuries
1	Very Poor	Mostly dead; major injury; root circling

NEWELL GATEWAY

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
521	*Magnolia grandiflora*	Southern Magnolia	28	4	X		2:1 + 4 = 6	6	
525	*Quercus virginiana*	Live Oak	8.5	4	X		2:1	2	
			NEWELL GATEWAY TOTAL MITIGATION:					**8 replacement trees**	

NEWELL GATEWAY *PERSPECTIVES*

DECEMBER 02, 2020

UF UNIVERSITY of FLORIDA | COMMUNITY SOLUTIONS GROUP | IBI PLACEMAKING

NORTHEAST GATEWAY

DECEMBER 02, 2020

NORTHEAST GATEWAY

DECEMBER 02, 2020

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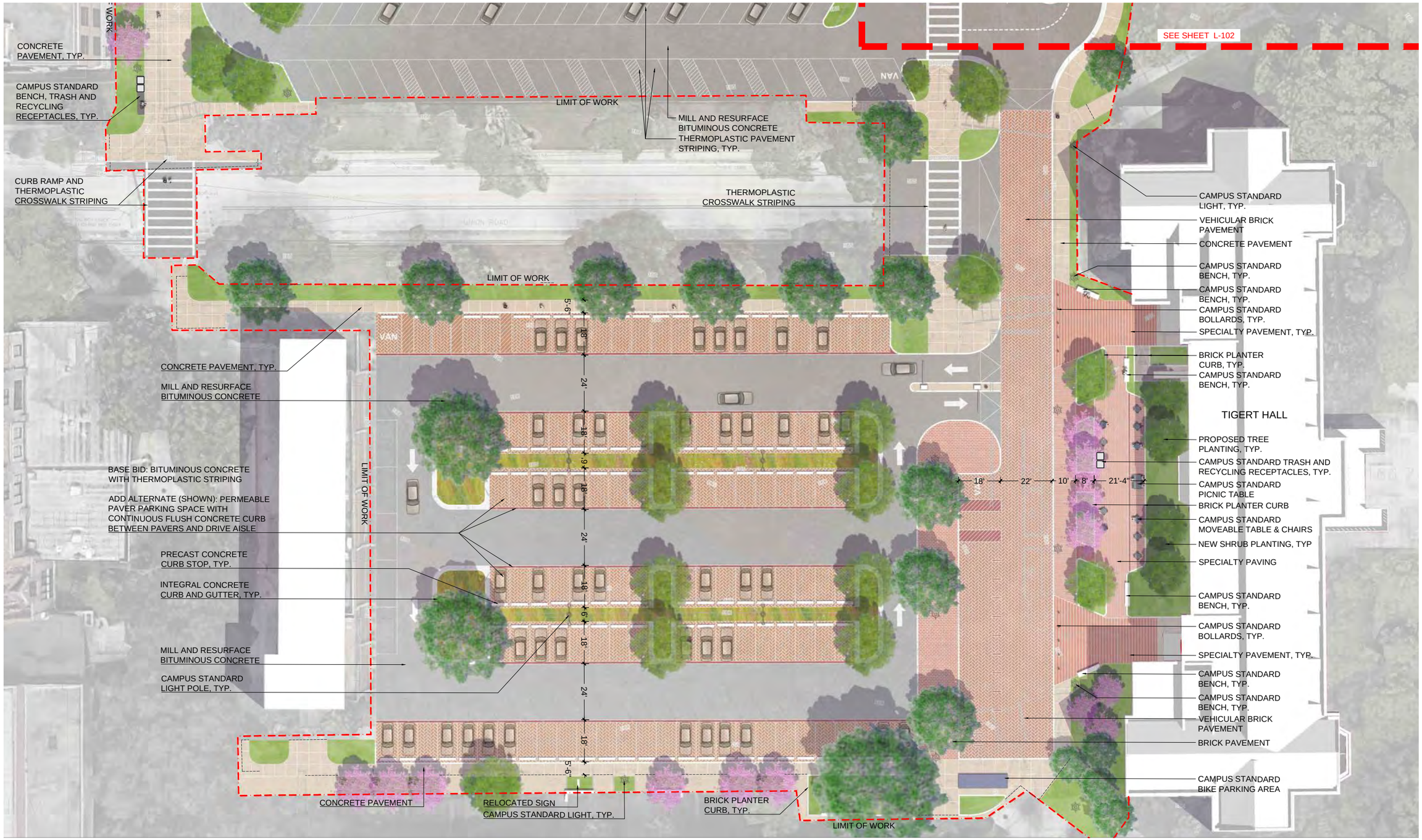

0′ 20′ 40′ 80′

SCALE: 1″ = 40′

N

NORTHEAST GATEWAY

DECEMBER 02, 2020

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NORTHEAST GATEWAY *PERSPECTIVES*

DECEMBER 02, 2020

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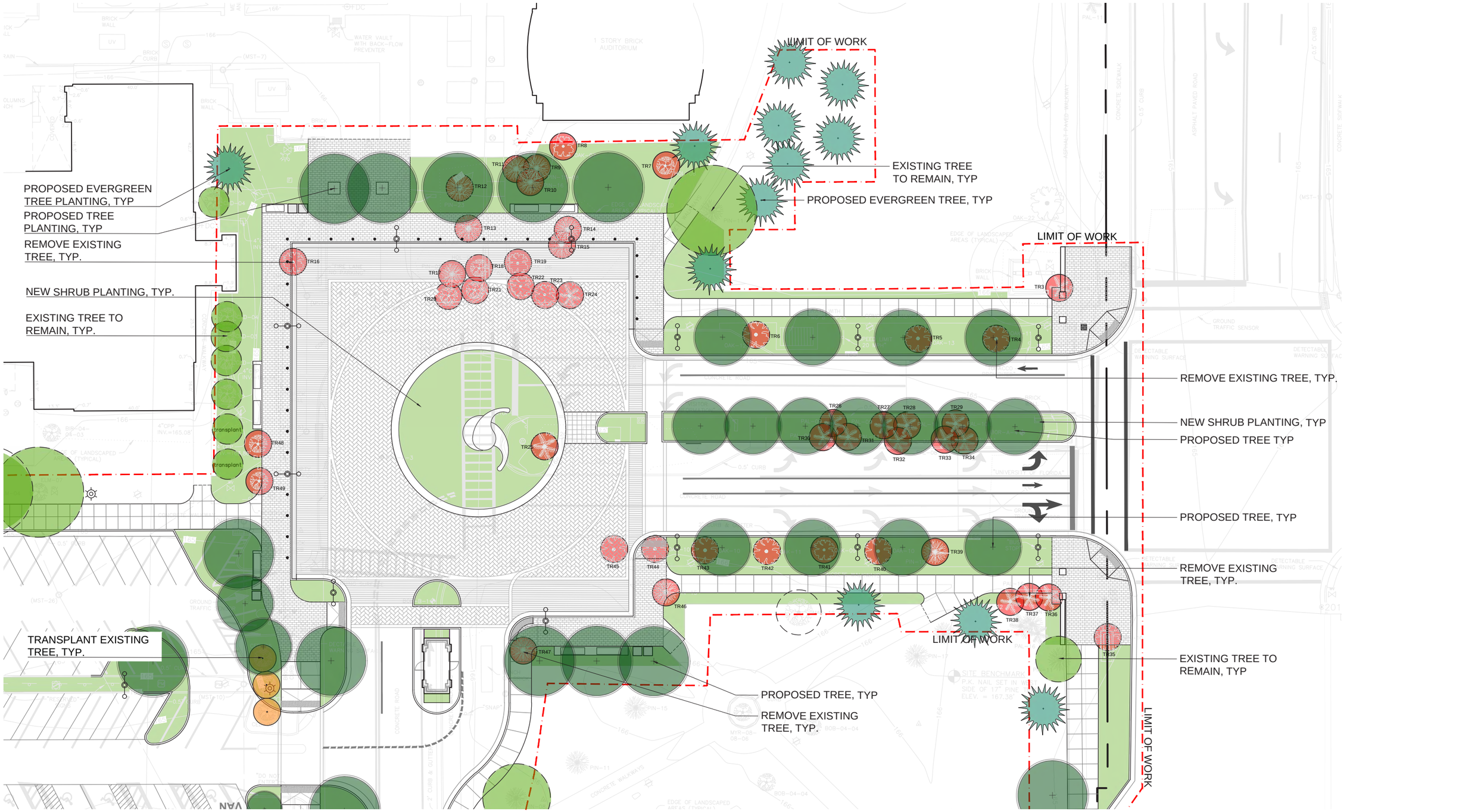
NORTHEAST GATEWAY - ENTRANCE

NORTHEAST GATEWAY - AUTOCOURT

NORTHEAST GATEWAY - GUARDHOUSE

NORTHEAST GATEWAY - GATHERING SPACE AT TIGERT HALL



NORTHEAST GATEWAY *PLANTING & TREE MITIGATION*

DECEMBER 02, 2020

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REMOVE EXISTING TREE, TYP.

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

SEE SHEET L-202

TRANSPLANT EXISTING TREE, TYP.

EXISTING TREE TO REMAIN, TYP.

NEW SHRUB PLANTING, TYP

REMOVE EXISTING TREE TYP

PROPOSED TREE PLANTING, TYP.

NEW SHRUB PLANTING, TYP

RAIN GARDEN PLANTING, TYP.

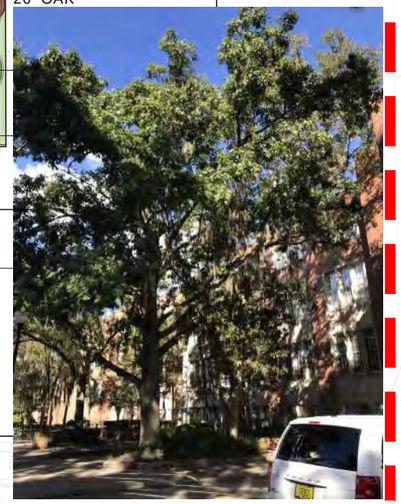
LIMIT OF WORK

RAIN GARDEN PLANTING, TYP.

REMOVE EXISTING TREE, TYP.

EXISTING TREE TO REMAIN, TYP.

26''OAK



REMOVE 26''OAK

REMOVE EXISTING TREE, TYP.

LIMIT OF WORK

SEE SHEET L-202

0' 20' 40' 80'

SCALE: 1" = 40'

N

NORTHEAST GATEWAY *PLANTING & TREE MITIGATION*

DECEMBER 02, 2020

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EXISTING TREE RATING CRITERIA

No.	Ranking	Description
5	Good	Excellent specimen with even and lush canopy; no visible external injuries; no root circling/injury
4	Average	Overall and consistently full canopy; few if any minor external injuries or root issues
3	Fair	Uneven or partially impacted canopy; minor injuries; minor root circling/injury
2	Poor	Canopy not thriving or partially dead; numerous epiphytes or evidence of parasitic plants; injuries
1	Very Poor	Mostly dead; major injury; root circling

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
102	*Pinus palustris*	Longleaf Pine	14.5	5	X		2:1	2	
104	*Pinus palustris*	Longleaf Pine	11	4	X		2:1	2	
105	*Callistemon citrinus*	Bottlebrush	5+4		X				Confirm with PDC if mitigation is required
106	*Callistemon citrinus*	Bottlebrush	4+3		X				Confirm with PDC if mitigation is required
107	*Pinus palustris*	Longleaf Pine	14	5	X		2:1	2	
108	*Pinus palustris*	Longleaf Pine	18.5	5	X		2:1	2	
110	*Pinus palustris*	Longleaf Pine	7	4	X		2:1	2	
111	*Pinus palustris*	Longleaf Pine	12	4	X		2:1	2	
112	*Pinus palustris*	Longleaf Pine	5	4	X		2:1	2	
119	*Sabal palmetto*	Sabal Palm	11	4	X		2:1	2	Not included in survey
121	*Quercus shumardii*	Shumard Oak	26	3	X		2:1+3 = 5	5	Root crowding in planting island
122	*Quecus alba*	White Oak	16	3	X		2:1	2	
123	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	5	2	X		2:1	2	
124	*Sabal palmetto*	Sabal Palm	8	3	X		2:1	2	
125	*Sabal palmetto*	Sabal Palm	8	3	X		2:1	2	
126	*Sabal palmetto*	Sabal Palm	7	3	X		2:1	2	
127	*Quercus laurifolia*	Laurel Oak	19.5	2	X		2:1	2	Canopy die back
128	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	4	2	X		2:1	2	
129	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	5	2	X		2:1	2	
130	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	4	2	X		2:1	2	
131	*Ulmus americana*	American Elm	9	2	X		2:1	2	
132	*Sabal palmetto*	Sabal Palm	9	3	X		2:1	2	
133	*Sabal palmetto*	Sabal Palm	12	3	X		2:1	2	
134	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	6	2	X		2:1	2	

EXISTING TREE RATING CRITERIA

No.	Ranking	Description
5	Good	Excellent specimen with even and lush canopy; no visible external injuries; no root circling/injury
4	Average	Overall and consistently full canopy; few if any minor external injuries or root issues
3	Fair	Uneven or partially impacted canopy; minor injuries; minor root circling/injury
2	Poor	Canopy not thriving or partially dead; numerous epiphytes or evidence of parasitic plants; injuries
1	Very Poor	Mostly dead; major injury; root circling

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
135	*Ulmus parvifolia 'Drake'*	Drake Elm	13.5	2	X		2:1	2	
136	*Ulmus americana*	American Elm	9	2	X		2:1	2	
139	*Sabal palmetto*	Sabal Palm	10	4	X		2:1	2	
148	*Lagerstromia spp.*	Crape Myrtle	2+2+2	4	X		2:1	2	Confirm if this tree will be demo'ed
154	*Sabal palmetto*	Sabal Palm	9	3	X		2:1	2	
155	*Sabal palmetto*	Sabal Palm	11	3	X		2:1	2	
161	*Sabal palmetto*	Sabal Palm	11	3	X		2:1	2	
162	*Sabal palmetto*	Sabal Palm	10	3	X		2:1	2	
163	*Sabal palmetto*	Sabal Palm	9	3	X		2:1	2	
176	*Cornus florida*	Dogwood	3	3	X		2:1	2	Assumed this tree would be demo'ed
177	*Taxodium distichum*	Bald Cypress	5	4	X		2:1	2	
178	*Taxodium distichum*	Bald Cypress	5	4	X		2:1	2	
179	*Taxodium distichum*	Bald Cypress	5	4	X		2:1	2	
180	*Ulmus alata*	Winged Elm	3	3	X		2:1	2	
185	*Ulmus alata*	Winged Elm	4	3	X		2:1	2	
186	*Ulmus alata*	Winged Elm	7	3	X		2:1	2	
191	*Quercus virginiana*	Live Oak	4	4	X		2:1	2	
193	*Pinus taeda*	Loblolly Pine	24	3	X		2:1	2	
194	*Pinus taeda*	Loblolly Pine	23.5	3	X		2:1	2	
195	*Pinus taeda*	Loblolly Pine	5	3	X		2:1	2	
196	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	7	3	X		2:1	2	
197	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	7	3	X		2:1	2	
198	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	7	3	X		2:1	2	
199	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	6	3	X		2:1	2	

EXISTING TREE RATING CRITERIA

No.	Ranking	Description
5	Good	Excellent specimen with even and lush canopy; no visible external injuries; no root circling/injury
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1	Very Poor	Mostly dead; major injury; root circling

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
200	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	6	3	X		2:1	2	
201	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	6	3	X		2:1	2	
202	*Sabal palmetto*	Sabal Palm	14	3	X		2:1	2	
203	*Pinus taeda*	Loblolly Pine	21	3	X		2:1	2	
204	*Pinus taeda*	Loblolly Pine	14	3	X		2:1	2	
205	*Pinus taeda*	Loblolly Pine	16	3	X		2:1	2	
206	*Pinus taeda*	Loblolly Pine	18	3	X		2:1	2	
207	*Pinus taeda*	Loblolly Pine	15	3	X		2:1	2	
212	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	12	2	X		2:1	2	
215	*Sabal palmetto*	Sabal Palm	14	3	X		2:1	2	
217	*Liriodendron tulipifera*	Tulip Poplar	11	3	X		2:1	2	
218	*Liriodendron tulipifera*	Tulip Poplar	13	3	X		2:1	2	
219	*Butia capitata*	Pindo Palm	26	3	X		2:1	2	
220	*Sabal palmetto*	Sabal Palm	9	4	X		2:1	2	
221	*Sabal palmetto*	Sabal Palm	9	4	X		2:1	2	
222	*Sabal palmetto*	Sabal Palm	11	4	X		2:1	2	
223	*Sabal palmetto*	Sabal Palm	10	4	X		2:1	2	
224	*Sabal palmetto*	Sabal Palm	9	4	X		2:1	2	
225	*Sabal palmetto*	Sabal Palm	11	4	X		2:1	2	
226	*Sabal palmetto*	Sabal Palm	9	4	X		2:1	2	
227	*Sabal palmetto*	Sabal Palm	8	4	X		2:1	2	
228	*Sabal palmetto*	Sabal Palm	11	4	X		2:1	2	
229	*Sabal palmetto*	Sabal Palm	12	4	X		2:1	2	
230	*Sabal palmetto*	Sabal Palm	16	4	X		2:1	2	

EXISTING TREE RATING CRITERIA

No.	Ranking	Description
5	Good	Excellent specimen with even and lush canopy; no visible external injuries; no root circling/injury
4	Average	Overall and consistently full canopy; few if any minor external injuries or root issues
3	Fair	Uneven or partially impacted canopy; minor injuries; minor root circling/injury
2	Poor	Canopy not thriving or partially dead; numerous epiphytes or evidence of parasitic plants; injuries
1	Very Poor	Mostly dead; major injury; root circling

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
231	*Sabal palmetto*	Sabal Palm	16	4	X		2:1	2	
232	*Sabal palmetto*	Sabal Palm	21	4	X		2:1	2	
233	*Pinus taeda*	Loblolly Pine	17.5	3	X		2:1	2	
234	*Sabal palmetto*	Sabal Palm	17	3	X		2:1	2	
236	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	10	3	X		2:1	2	
237	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	7	3	X		2:1	2	
238	*Ilex x attenuata 'East Palakta'*	East Palatka Holly	9	3	X		2:1	2	
256	*Pinus taeda*	Loblolly Pine	20	4	X		2:1	2	
257	*Quercus virginiana*	Live Oak	10	3	X		2:1	2	
258	*Quercus virginiana*	Live Oak	9	3	X		2:1	2	
259	*Quercus virginiana*	Live Oak	11	3	X		2:1	2	
260	*Quercus virginiana*	Live Oak	10	3	X		2:1	2	
261	*Quercus virginiana*	Live Oak	10	3	X		2:1	2	
262	*Quercus virginiana*	Live Oak	11	3	X		2:1	2	
263	*Pinus taeda*	Loblolly Pine	16	4	X		2:1	2	
266	*Pinus taeda*	Loblolly Pine	16	3	X		2:1	2	
							TIGERT GATEWAY TOTAL MITIGATION:	**175 replacement trees**	

NORTHEAST GATEWAY *REFUSE ACCESS*

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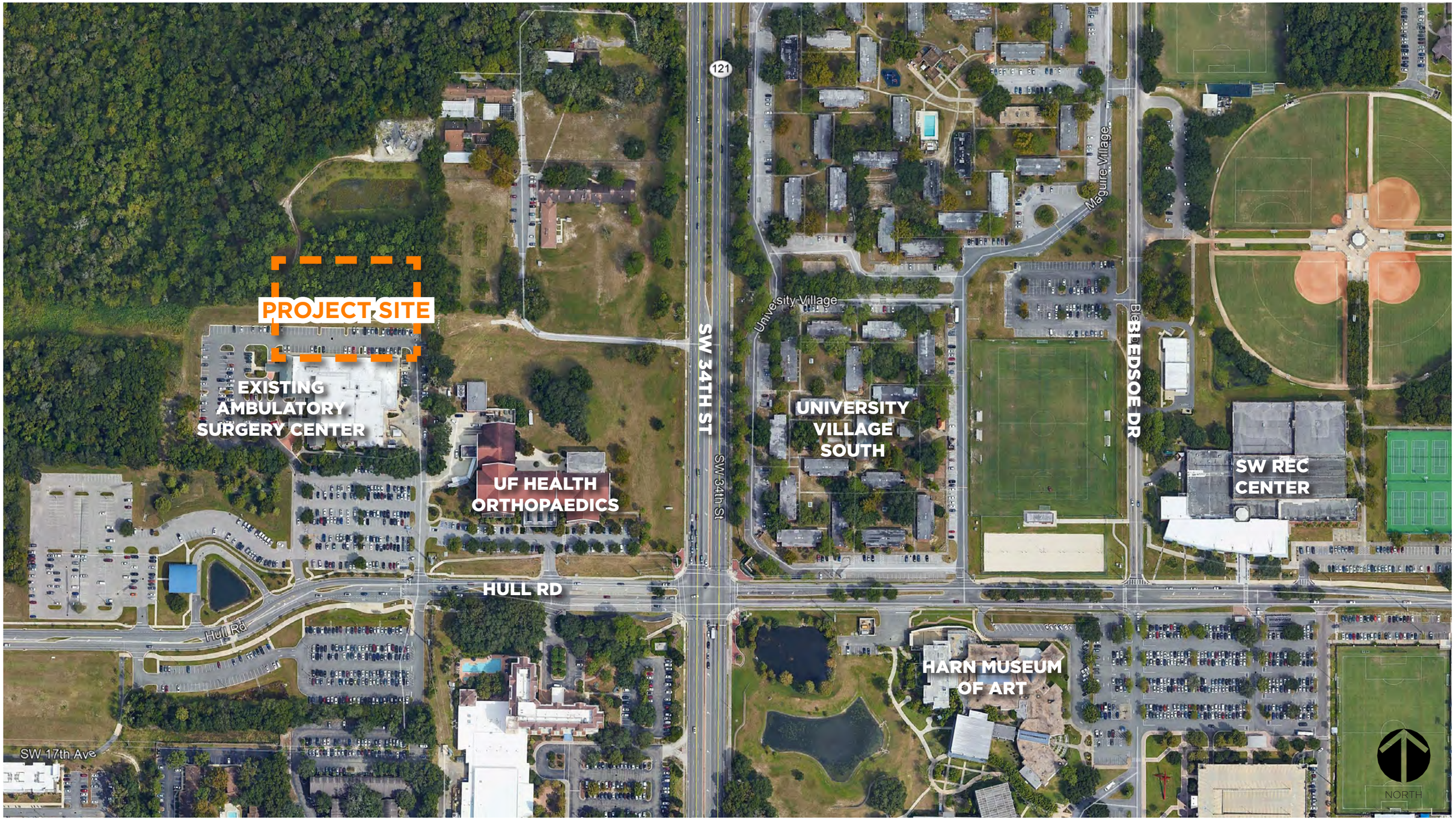
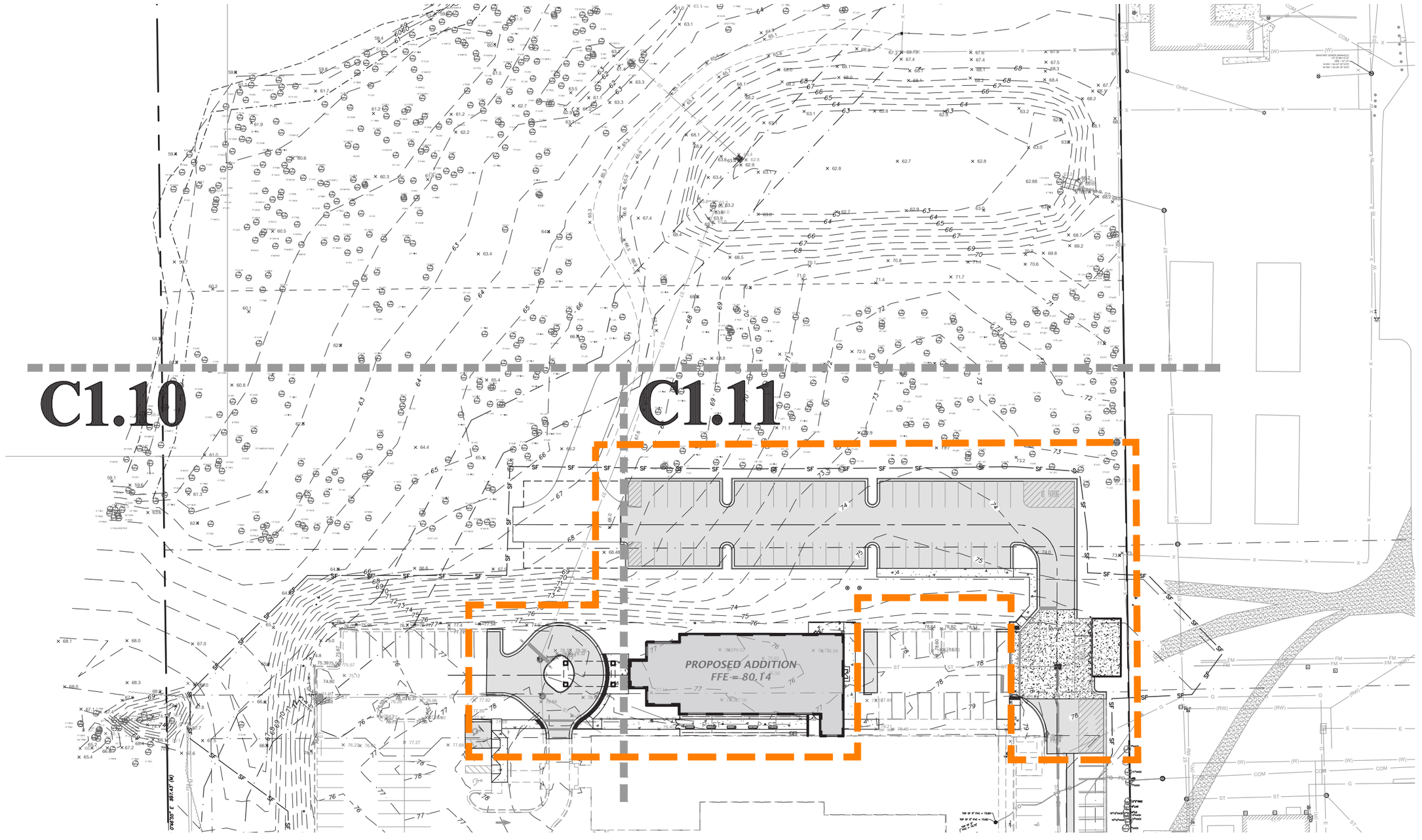
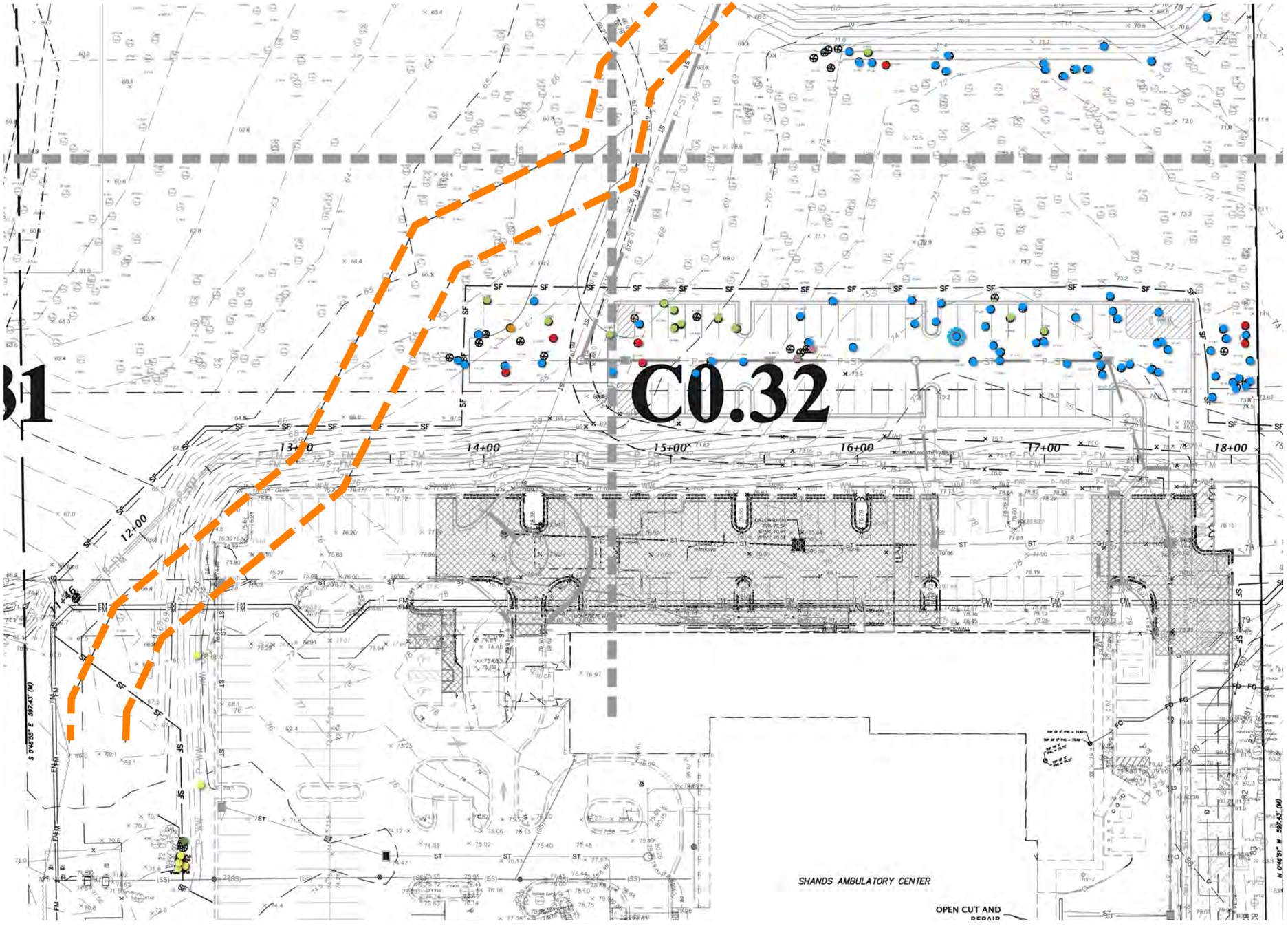

PROJECT SITE
EXISTING AMBULATORY SURGERY CENTER
UF HEALTH ORTHOPAEDICS
HULL RD
SW 34TH ST
SW 34th St
121
University Village
Maguire Village
UNIVERSITY VILLAGE SOUTH
BLEDSOE DR
SW REC CENTER
HARN MUSEUM OF ART
Hull Rd
SW 17th Ave
NORTH


PROJECT SITE
EXISTING
AMBULATORY
SURGERY CENTER

SITE PLAN



EXISTING SITE PHOTOS



TREE REMOVAL TOTALS:

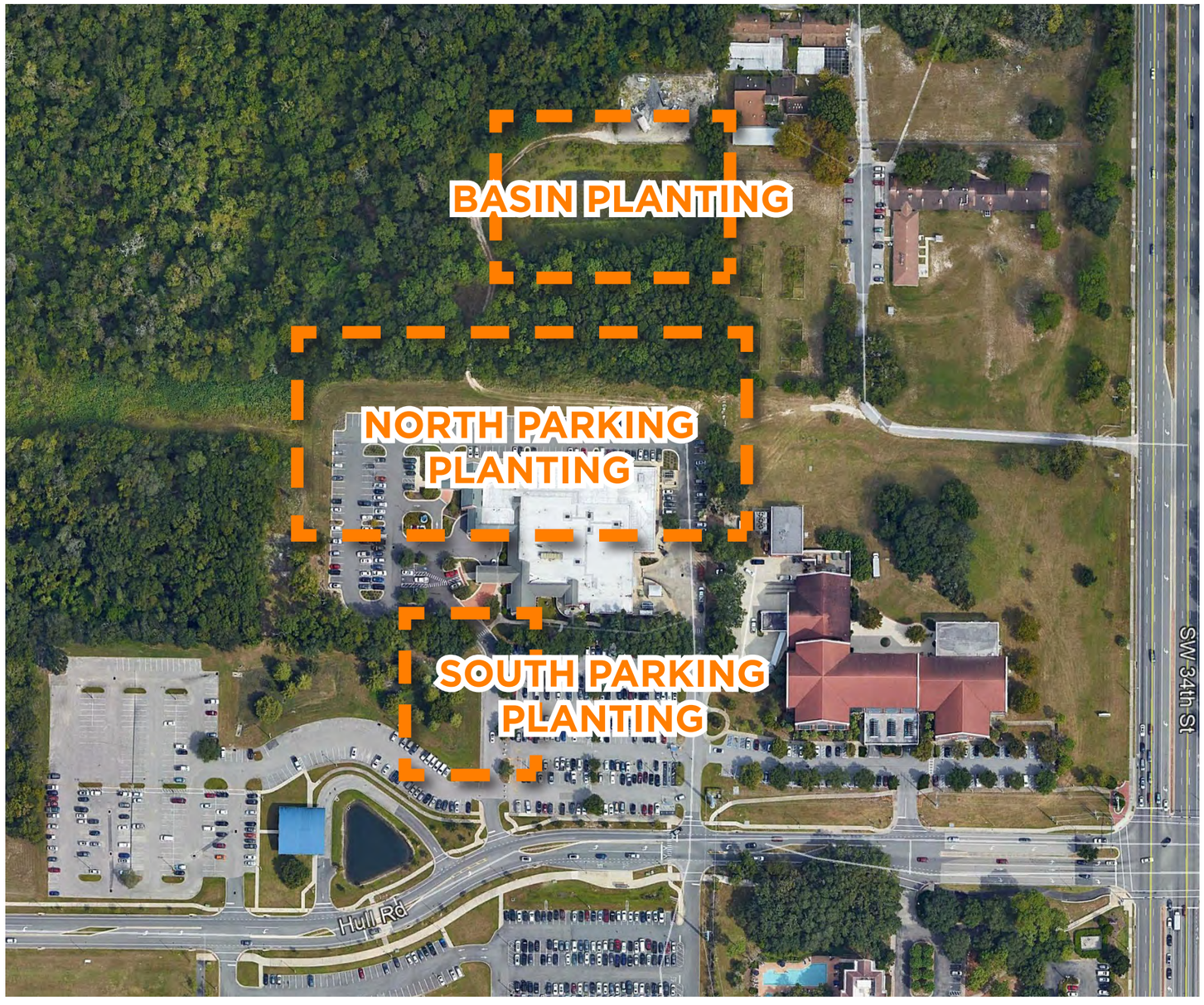
REGULATED TREES TO REMOVE:
- (12) PINE
- (1) TURKEY OAK
- (70) LAUREL OAK
- (6) LIVE OAK
- (2) HACKBERRY
- (7) CHERRY
- (1) RED OAK

HERITAGE TREES TO REMOVE:
- 32” LAUREL OAK

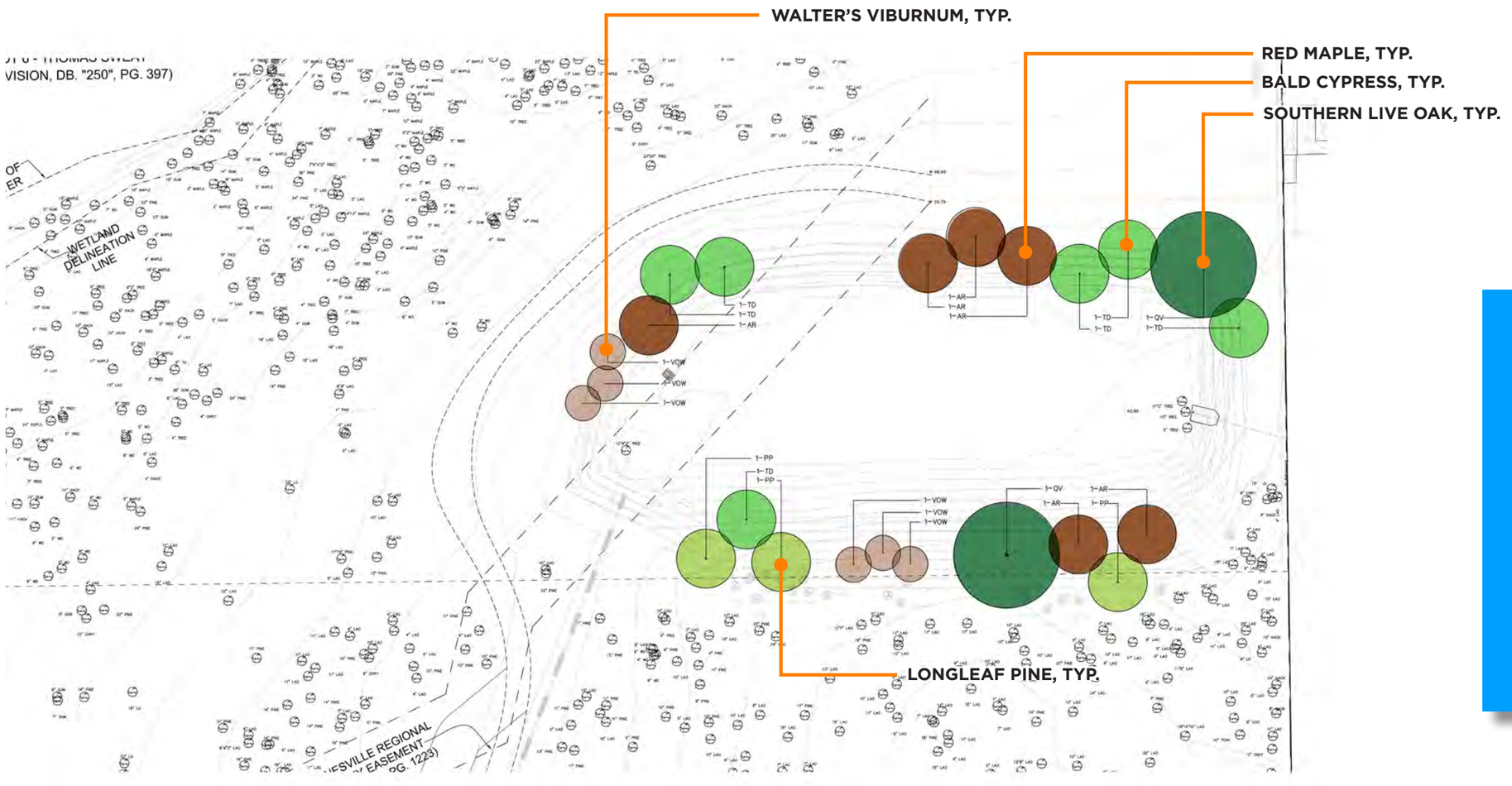
LEGEND

- PINE TO REMOVE
- TURKEY OAK TO REMOVE
- LAUREL OAK TO REMOVE
- LIVE OAK TO REMOVE
- HACKBERRY TO REMOVE
- CHERRY TO REMOVE
- RED OAK TO REMOVE

NORTH


BASIN PLANTING
NORTH PARKING PLANTING
SOUTH PARKING PLANTING
Hull Rd
SW 34th St

NORTH

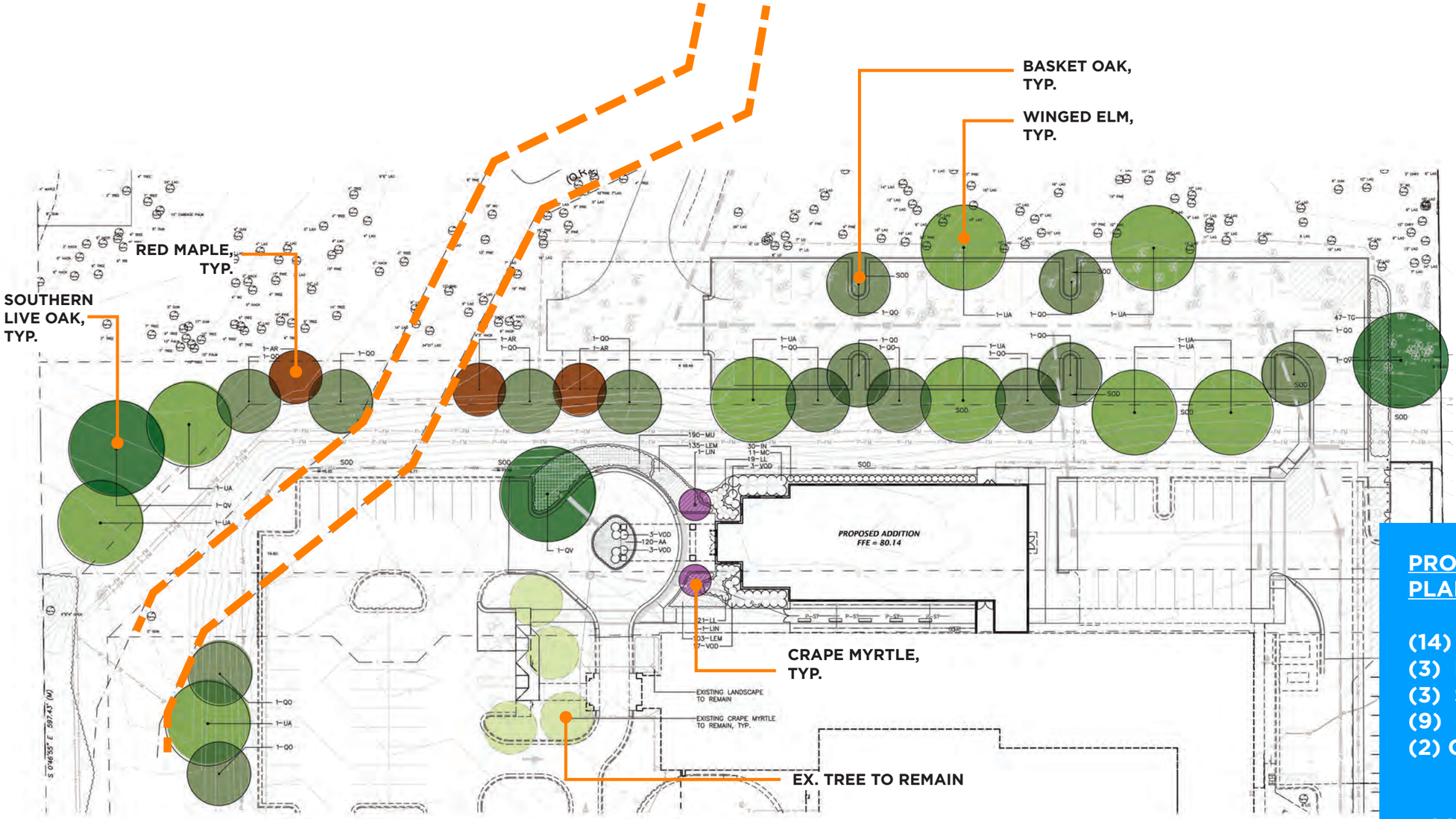


PROPOSED BASIN PLANTINGS

(6) BALD CYPRESS*
(6) RED MAPLE*
(2) SOUTHERN LIVE OAK*
(3) LONGLEAF PINE*
(6) WALTER'S VIBURNUM*

**** CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.***

NORTH

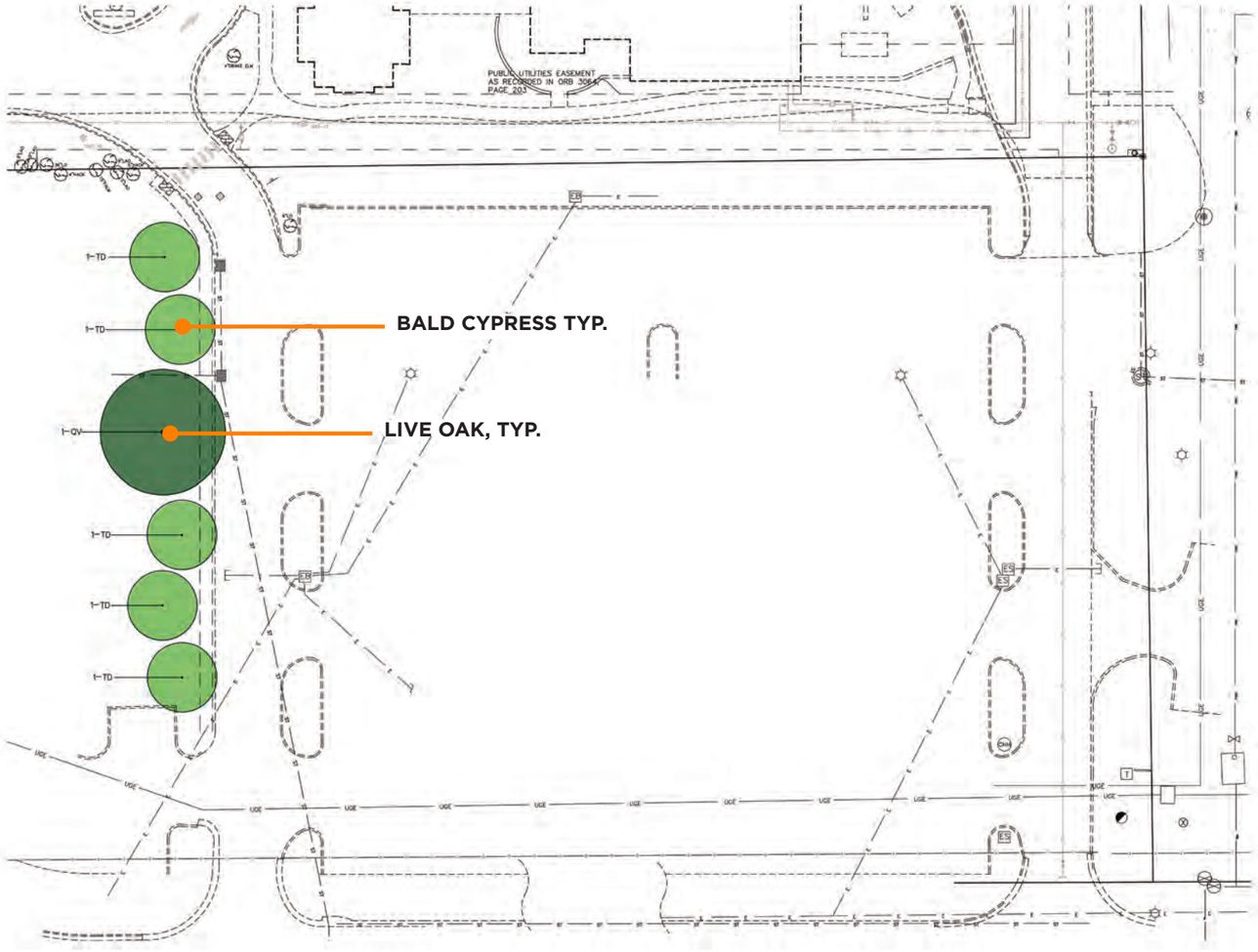


PROPOSED NORTH PARKING PLANTINGS

(14) BASKET OAK*
(3) RED MAPLE*
(3) SOUTHERN LIVE OAK*
(9) WINGED ELM*
(2) CRAPE MYRTLES*

**** CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.***

NORTH

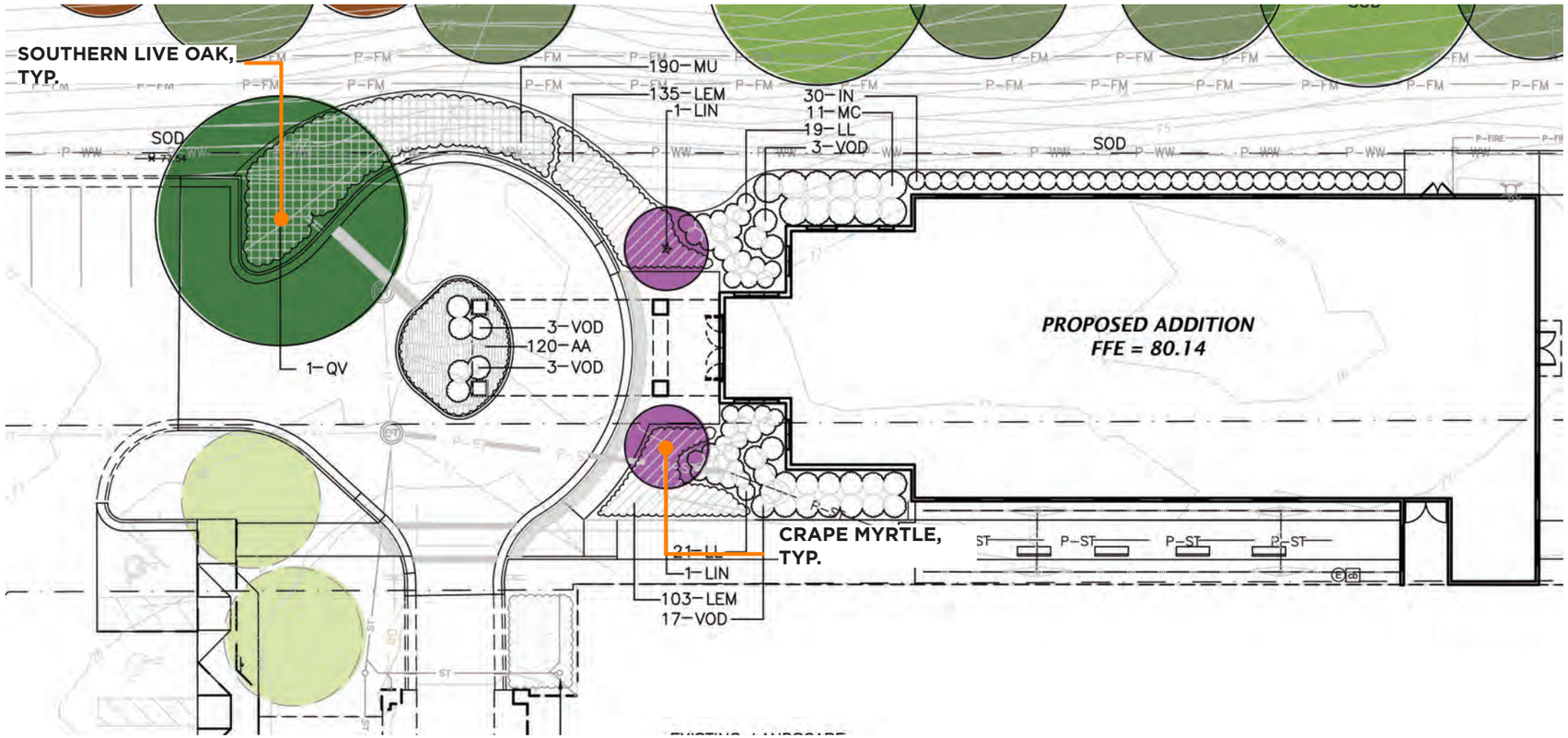


PROPOSED SOUTH PARKING PLANTINGS

(5) BALD CYPRESS*
(1) SOUTHERN LIVE OAK*

**** CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.***

NORTH



PROPOSED NORTH PARKING PLANTINGS (ENLARGEMENT)

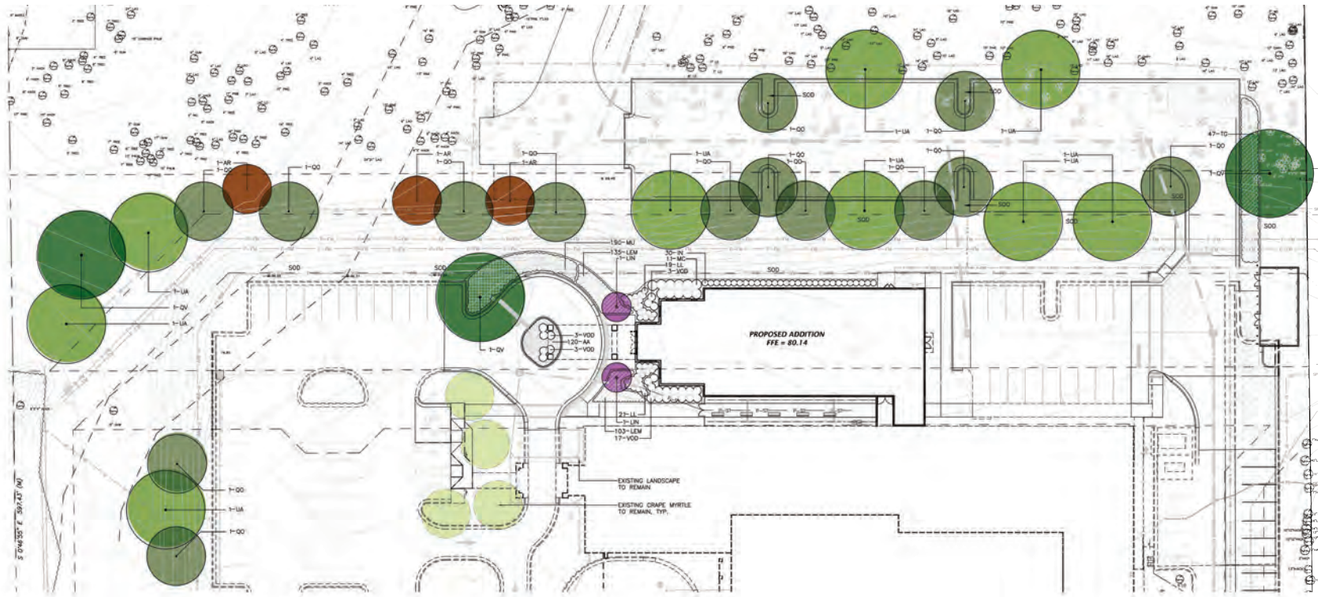
TREES
NATCHEZ CRAPE MYRTLE*
LIVE OAK*

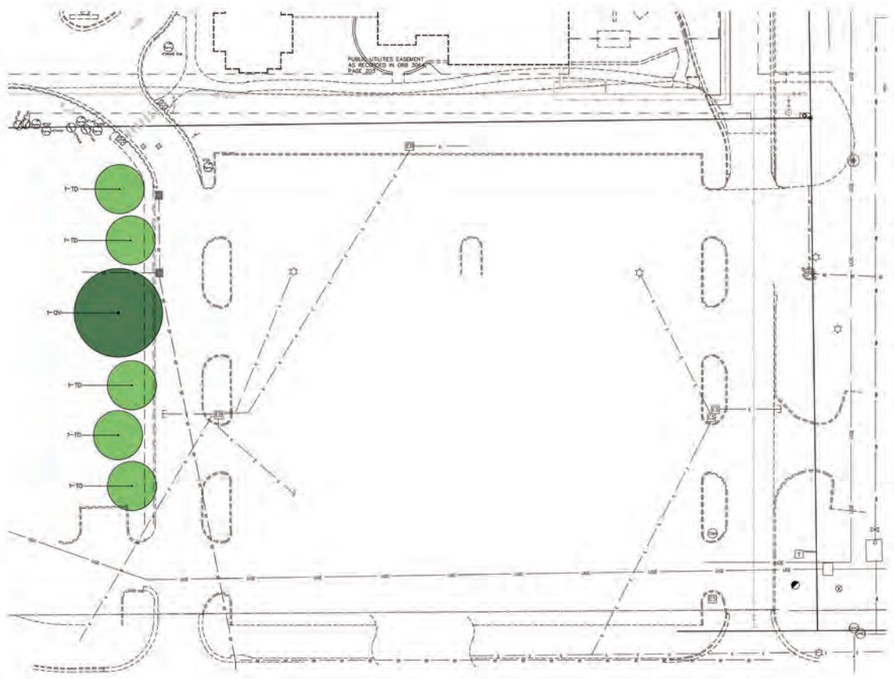
SHRUBS
PLUM LOROPETALUM
WALTER'S VIBURNUM 'DENSA'*
THRYALLIS
DWARF YAUPON HOLLY*
MUHLY GRASS*

GROUNDCOVERS
EMERALD GODDESS LIRIOPE*
AGAPANTHUS*

** CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.*

NORTH





TREE MITIGATION TOTALS:

REGULATED TREES TO REMOVE:
- (12) PINE
- (1) TURKEY OAK
- (70) LAUREL OAK
- (6) LIVE OAK
- (2) HACKBERRY
- (7) CHERRY
- (1) RED OAK

(99) TOTAL TREES

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

HERITAGE TREES TO REMOVE:

32” LAUREL OAK = 4 TREES

TOTAL TREES REQUIRED MITIGATION:
(202) TREES

TOTAL TREES PROVIDED:
(60) TREES

TOTAL MITIGATION DEFICIT:
(142) TREE X $250 PER TREE = $35,500

NORTH

FDOT Signalized Midblock Crossings @ NW 16 St & NW 19 St

GALE LEMERAND DRIVE – W 13TH STREET (ENHANCED PEDESTRIAN CROSSINGS)

Figure 19 Pedestrian Crossing Map of SR 26 from 14th Street W to Gale Lemerand Dr

In addition to enhancing bicycle and pedestrian accommodation along SR 26, there is a desire to better accommodate pedestrian crossings of SR 26. During the TAC walking tour (preliminary Phase 1 field assessment), numerous participants reported they routinely witness pedestrian midblock crossings of this section of SR 26. The TAC members expressed the desirability of channelizing pedestrians to designated crossings, and the creation of additional controlled crossings - focusing pedestrian crossings to predictable locations.

A multi-day pedestrian mapping study, similar to those described previously in this report, was carried out to assist in identifying the need for, and appropriate locations of, enhanced crossings. The results of the study confirm the very high volume of pedestrian crossings (Figure). While crossing at midblock locations does occur frequently, the study shows that the vast majority of crossings take place at existing intersections. Two of these intersections, NW 16th Street and NW 19th Street, have been identified as the most appropriate locations for enhanced crossings. Figure 19 shows the mapped movements of 7089 of pedestrians. Of these 7089 of pedestrians, 1877 pedestrians (27%) crossed outside of designated, signalized crosswalks. Observations revealed that 630 of these uncontrolled crossings (38%) occurred at NW 16th Street and additional occurred 266 of pedestrians (14%) crossed at NW 19th Street.

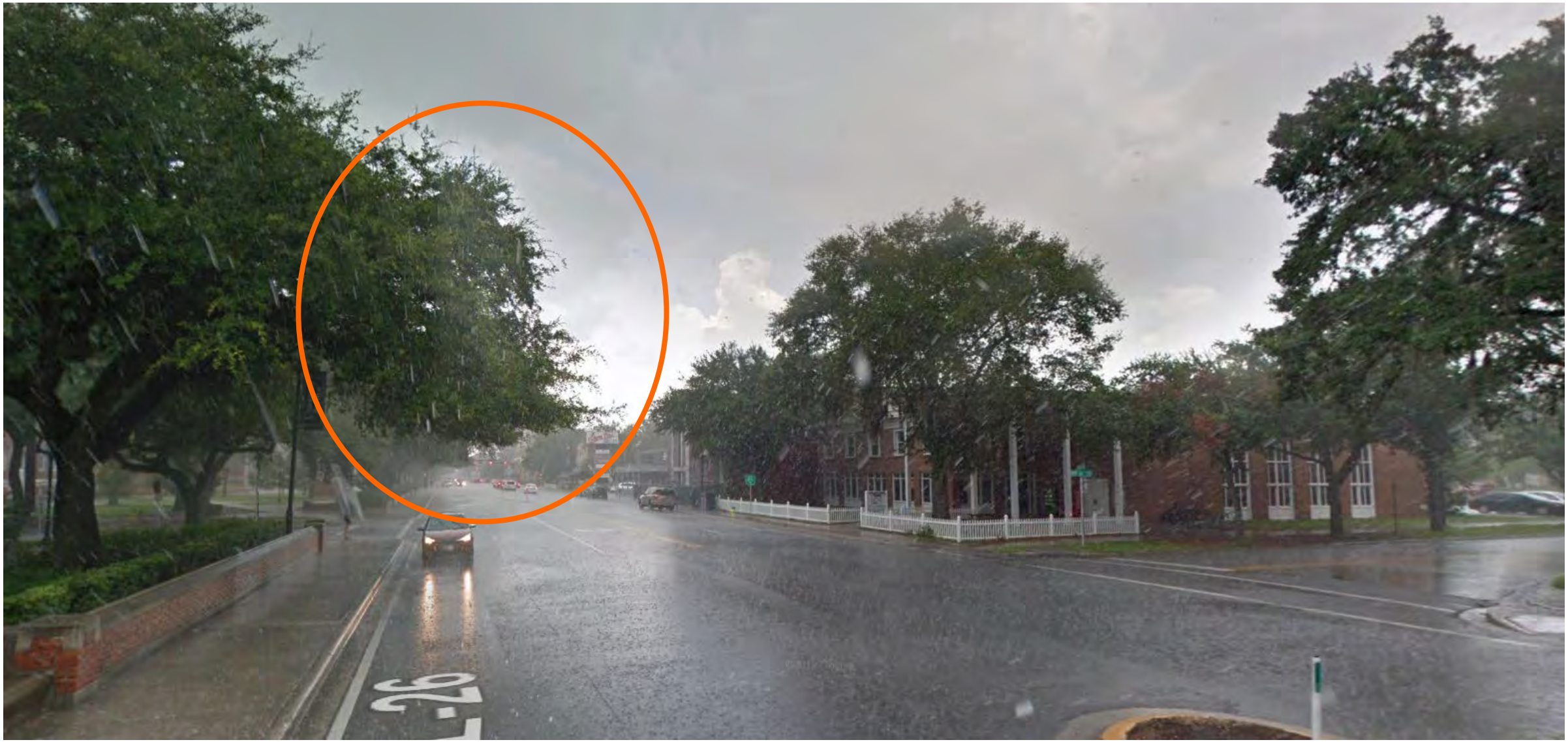
Each of these potential crossing locations is more than 300 feet from the nearest signalized crossing: NW 16th is approximately 425 feet from NW 15th Street and NW 19th Street is approximately 450 feet from NW 18th Street. Given the volume of pedestrian crossings, marked pedestrian crossings without full control for pedestrians (no Don't Walk signal) could result in serious impedance to the motorist flows. For example, if a RECTANGULAR RAPID FLASHING BEACON is installed at NW 16th Street, it is likely to be activated nearly continuously. A more positive form of traffic control, PEDESTRIAN HYBRID BEACON, creates a defined period when pedestrians cannot legally enter the crosswalk. This allows for the pedestrian crossings to be timed to better accommodate vehicular flows. Alternatively, a full signal could be evaluated for these locations.

2014-2015 MTPO Corridor Study Identified Locations with Most Frequent Pedestrian Crossings

@ NW 19 Street – Remove 3 Hollies


X
X
X

@ NW 16 Street – Trim Live Oak Over Road



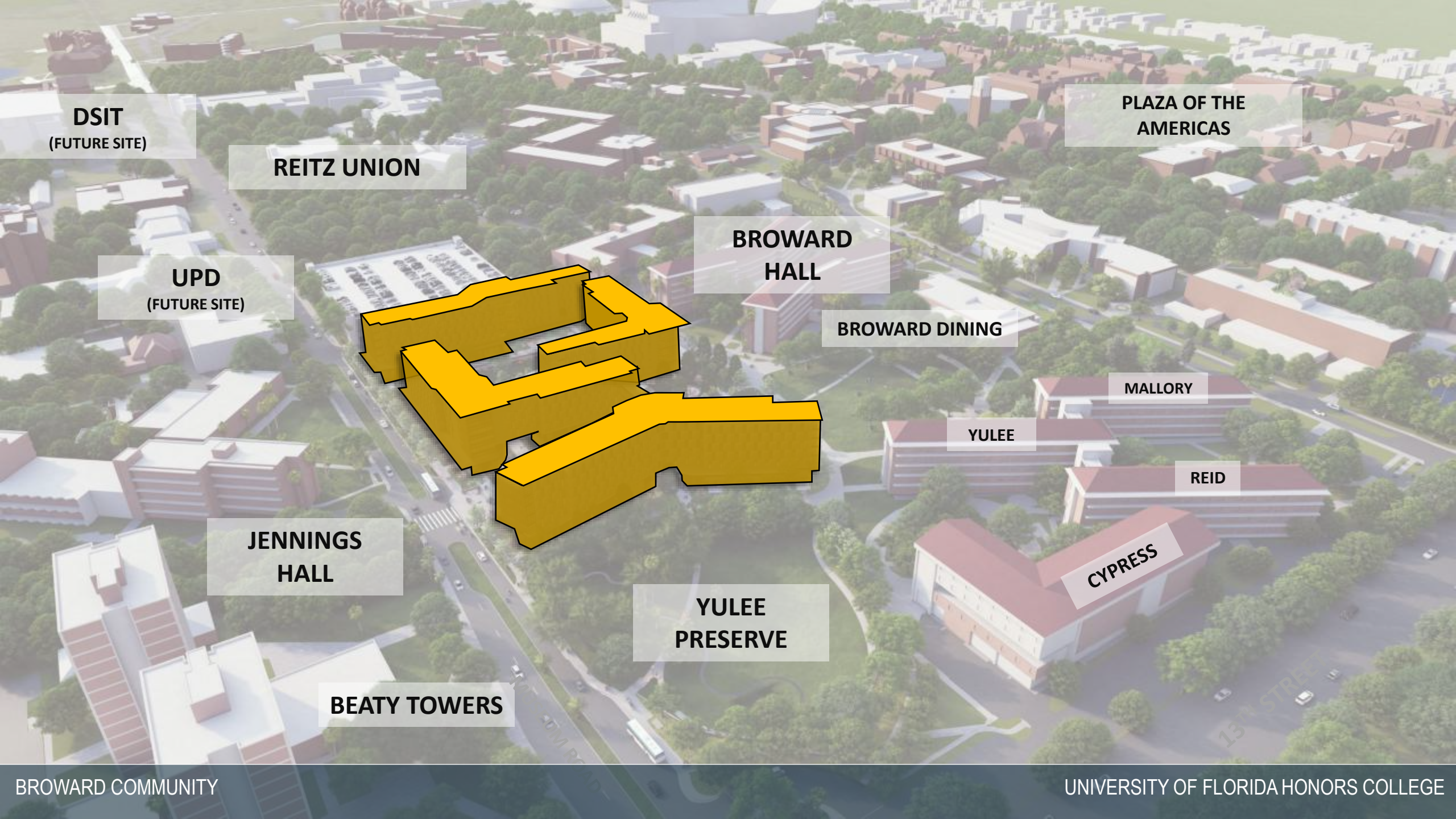
University of Florida

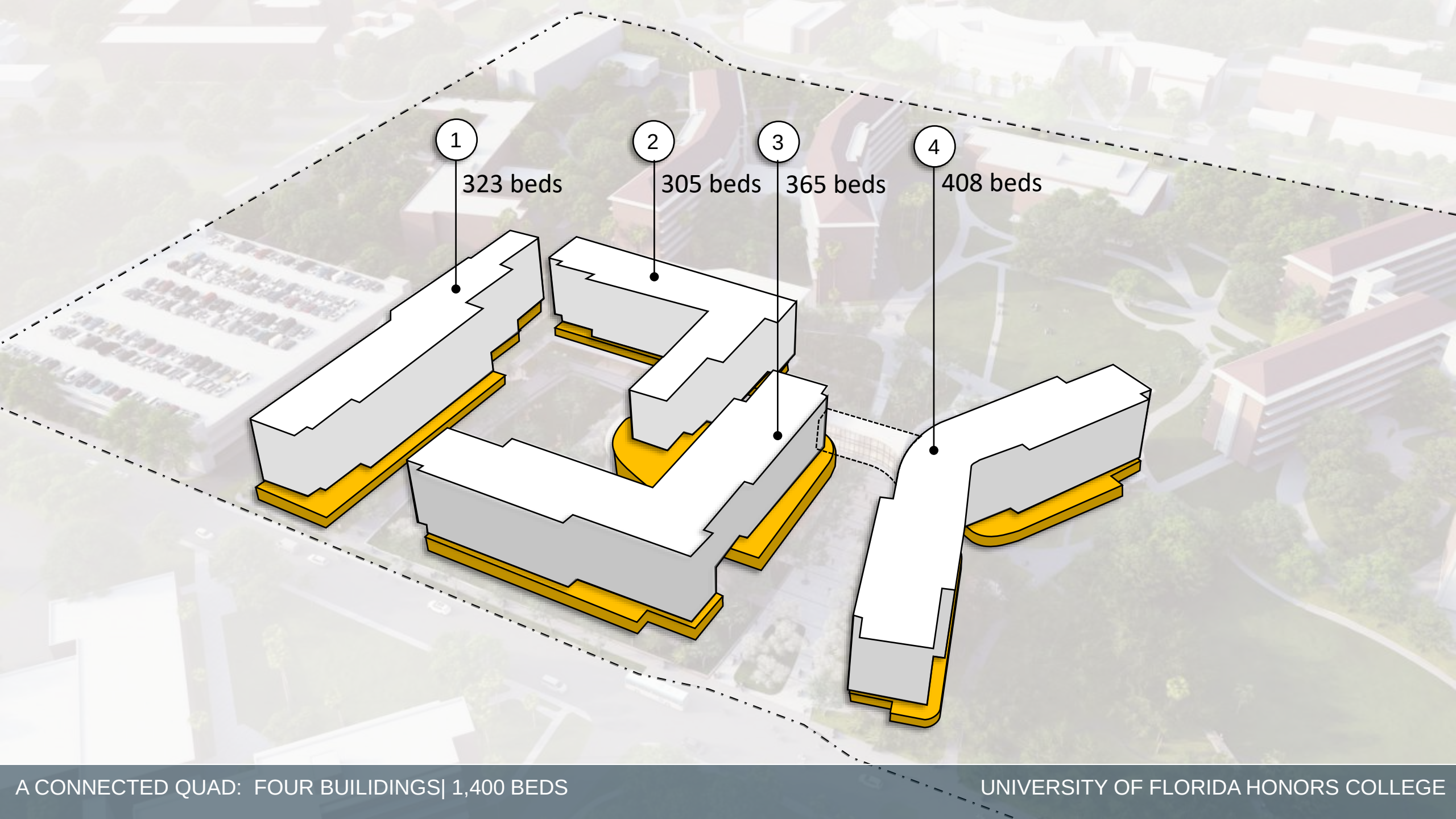
Honors Residential College

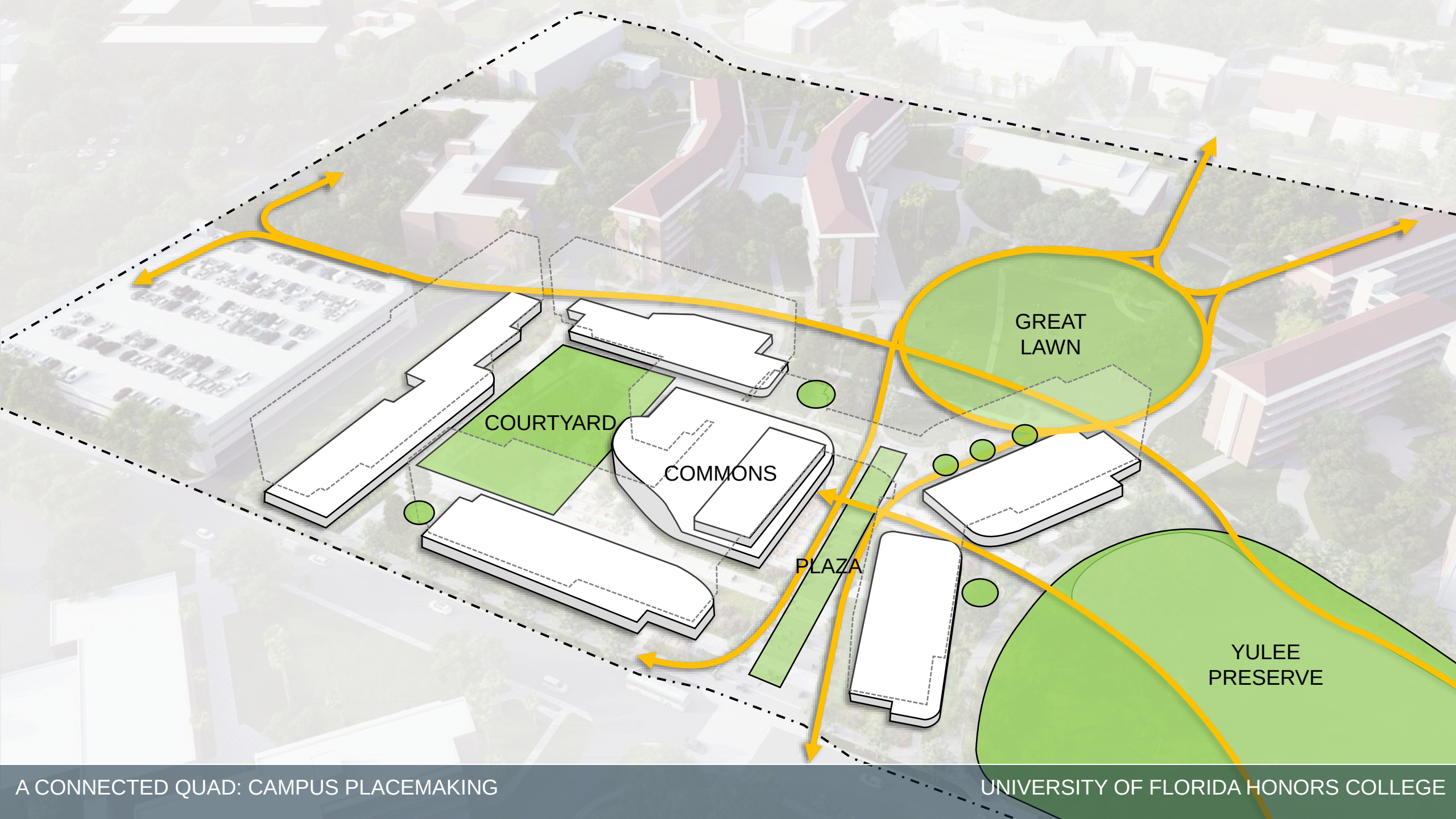
LAKES, VEGETATION & LANDSCAPING COMMITTEE

DECEMBER 2020

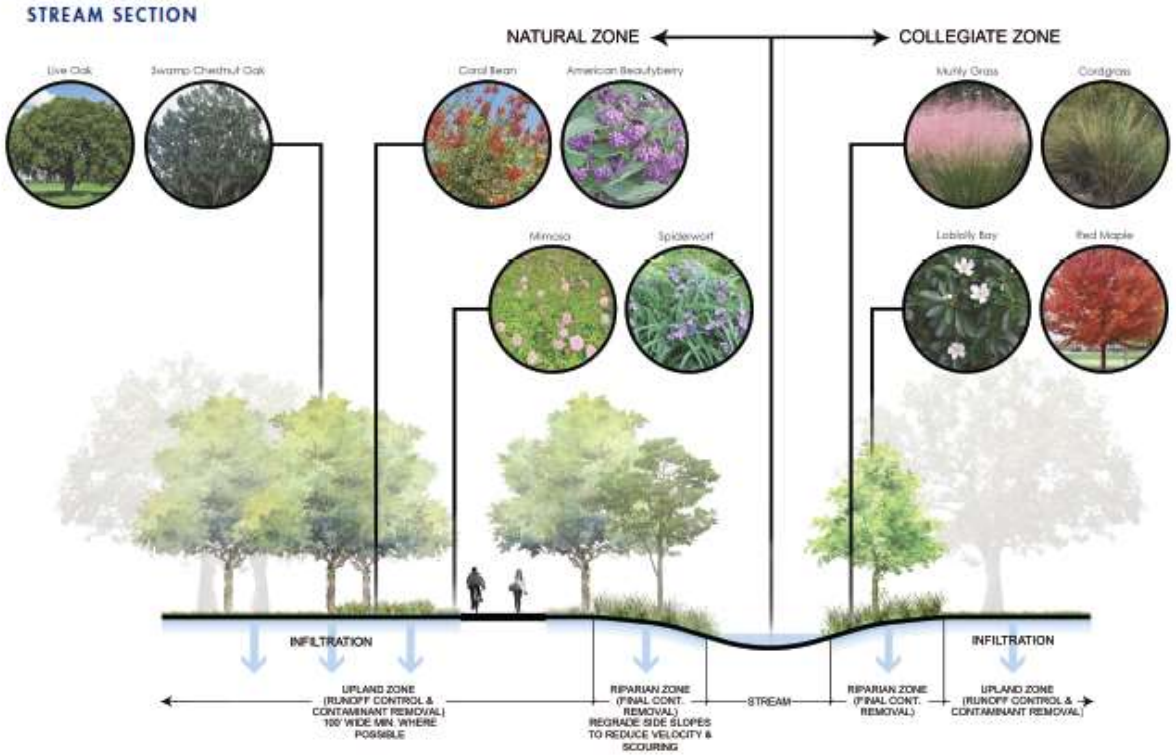
UF-654
12.10.2020

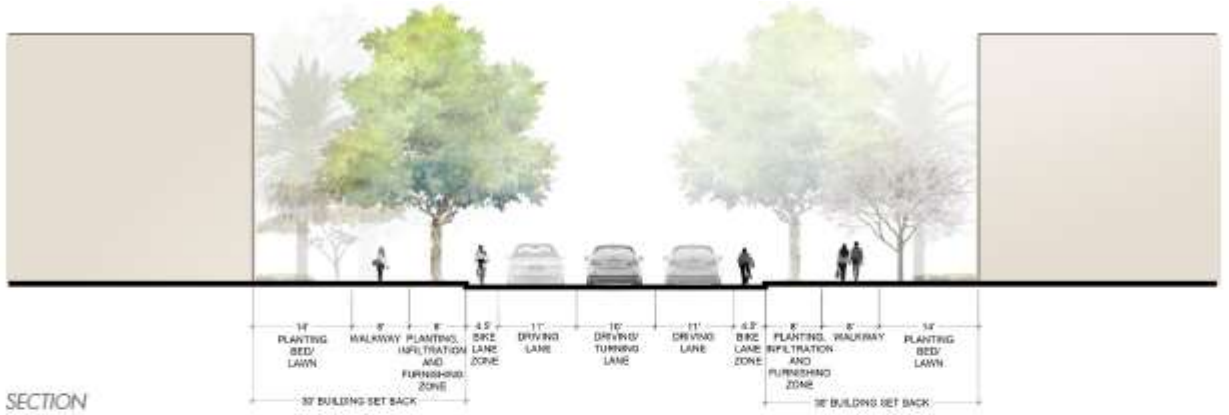

DSIT
(FUTURE SITE)
REITZ UNION
PLAZA OF THE AMERICAS
UPD
(FUTURE SITE)
BROWARD HALL
BROWARD DINING
MALLORY
YULEE
REID
CYPRESS
JENNINGS HALL
YULEE PRESERVE
BEATY TOWERS
13TH STREET


1
323 beds
2
305 beds
3
365 beds
4
408 beds


GREAT
LAWN
COURTYARD
COMMONS
PLAZA
YULEE
PRESERVE

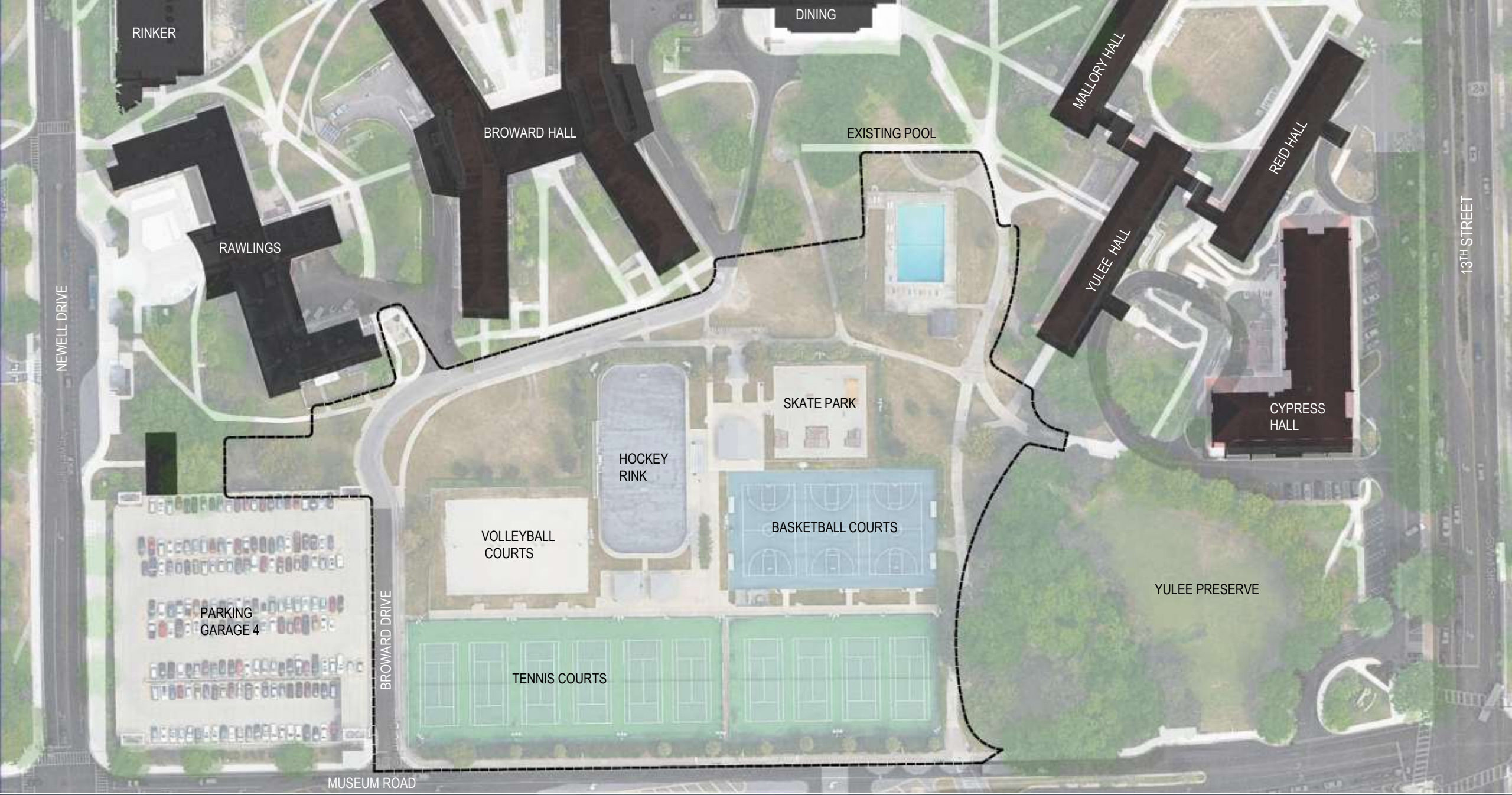

Landscape Master Plan - 2018


STREAM SECTION
NATURAL ZONE
COLLEGIATE ZONE
Live Oak
Swamp Chestnut Oak
Coral Bean
American Beautyberry
Muhly Grass
Cordgrass
Mimosa
Spiderwort
Loblolly Bay
Red Maple
INFILTRATION
INFILTRATION
UPLAND ZONE (RUNOFF CONTROL & CONTAMINANT REMOVAL) 100' WIDE MIN. WHERE POSSIBLE
RIPARIAN ZONE (FINAL CONT. REMOVAL) REGRADE SIDE SLOPES TO REDUCE VELOCITY & SCOURING
STREAM
RIPARIAN ZONE (FINAL CONT. REMOVAL)
UPLAND ZONE (RUNOFF CONTROL & CONTAMINANT REMOVAL)


SECTION
14' PLANTING BED/ LAWN
8' WALKWAY
8' PLANTING, INFILTRATION AND FURNISHING ZONE
4.5' BIKE LANE ZONE
11' DRIVING LANE
10' DRIVING/ TURNING LANE
11' DRIVING LANE
4.5' BIKE LANE ZONE
8' PLANTING, INFILTRATION AND FURNISHING ZONE
8' WALKWAY
14' PLANTING BED/ LAWN
30' BUILDING SET BACK
30' BUILDING SET BACK
SCALE: 0' 5' 10' 20'

PROJECT SITE CONTEXT

UNIVERSITY OF FLORIDA HONORS COLLEGE



EXISTING SITE

UNIVERSITY OF FLORIDA HONORS COLLEGE

EXISTING SITE

UNIVERSITY OF FLORIDA HONORS COLLEGE

TREES TO PRESERVE AND PROTECT

TREES TO REMOVE

WEST
13" SAND PINE
13" SAND PINE
12" SAND PINE
14" ELM
14" ELM
17" ELM
6" HOLLY

EAST
4" HOLLY
4" HOLLY
4" HOLLY
3" MAGNOLIA
5" MAGNOLIA
10" MAGNOLIA
5" PLUM
16" SYCAMORE

POOL AREA
16" PINE
10" PINE
9" PINE
8" PINE

CENTRAL
13" CYPRESS
13" CYPRESS
12" CYPRESS
11" CYPRESS
11" CYPRESS
11" MAGNOLIA
10" MAGNOLIA
10" MAGNOLIA
10" MAGNOLIA
9" PINE
6" HOLLY
6" HOLLY
5" HOLLY
4" HOLLY
3" HOLLY
26" MAGNOLIA

(35) TOTAL TREES TO REMOVE. ALL TREES ON SITE SHOULD BE EVALUATED BY AN ARBORIST TO ASSESS POSSIBLE TRANSPLANT ON SITE OR ELSEWHERE ON CAMPUS.

UF TREE MITIGATION CALLS FOR (68) NEW CANOPY TREES AND (29) ADDITIONAL PALMS IF NONE OF THE TREES TO REMOVE ARE CONSIDERED HERITAGE.

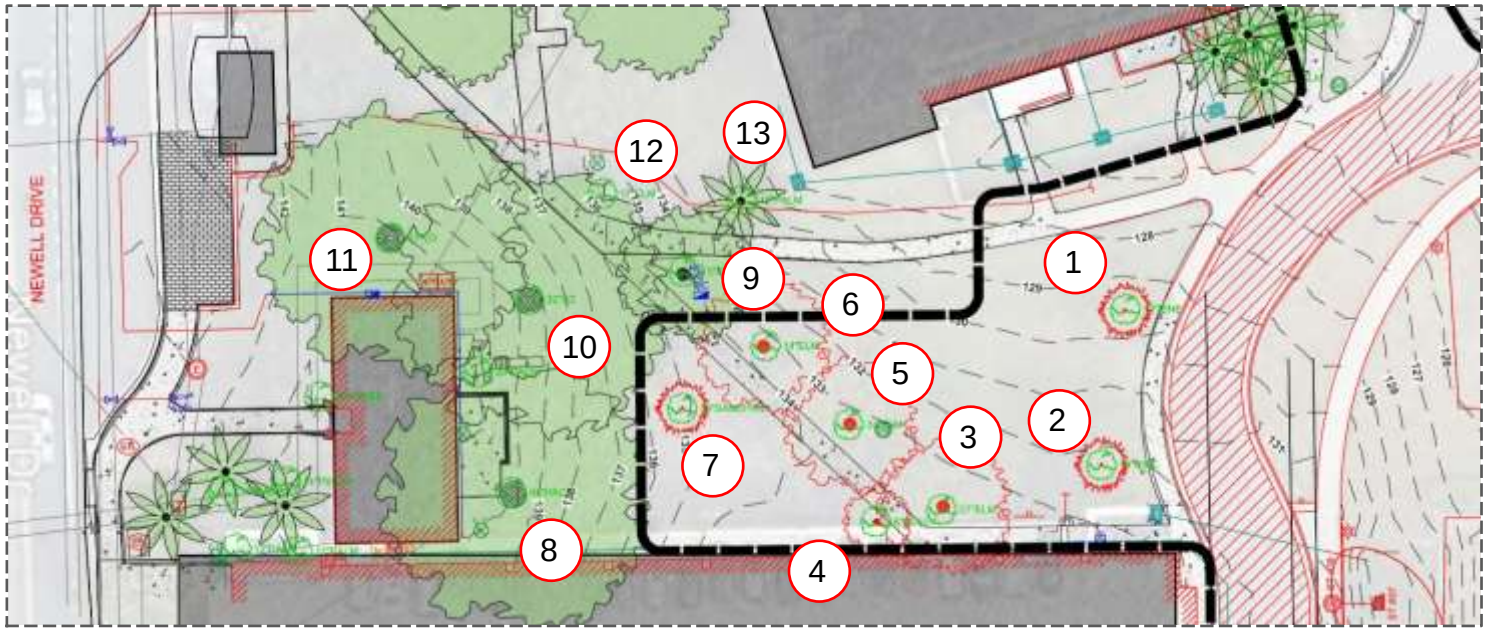
TREES TO TRANSPLANT ON SITE

(29) EXISTING PALMS AT POOL AND ALONG MUSEUM ROAD

TREE REMOVAL AND TRANSPLANT

UNIVERSITY OF FLORIDA HONORS COLLEGE

NORTH WEST SITE SURVEY



1 12” SAND PINE

2 13” SAND PINE

3 17” ELM*

4 6” HOLLY

5 14” ELM*

6 14” ELM

7 13” SAND PINE

8 45” HACKBERRY

9 15” ELM

10 32” LIVE OAK

11 47” LIVE OAK

12 17” ELM

13 12” PALM

TREE 1: 12” SAND PINE

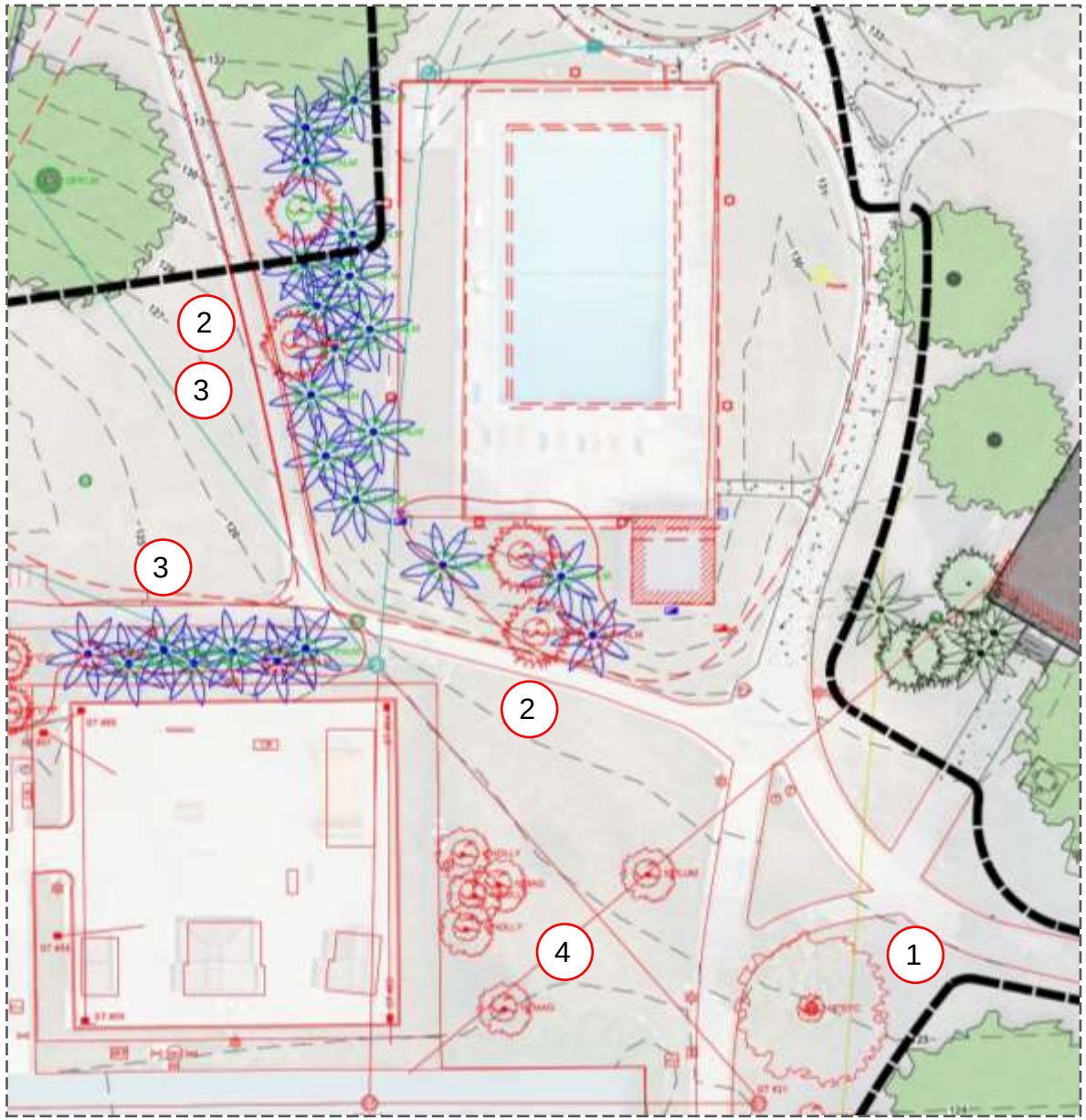
TREE 2: 13” SAND PINE

TREES 3 & 4: 17” ELM AND 6” HOLLY

TREES 5, 6 & 7: 14” ELM, 14” ELM AND 13” PINE

TREES 8-13: UNIMPACTED

NORTH CENTRAL SITE SURVEY



1. 16” SYCAMORE
2. PINES TO BE REMOVED
3. PALMS TO BE TRANSPLANTED ON SITE
4. TREES TO BE REMOVED (TYP). SEE SURVEY.

PALMS TO BE TRANSPLANTED ON SITE. PINES TO REMOVE.

PALMS TO BE TRANSPLANTED ON SITE. PINES TO REMOVE.

16” SYCAMORE

SITE PLAN

UNIVERSITY OF FLORIDA HONORS COLLEGE

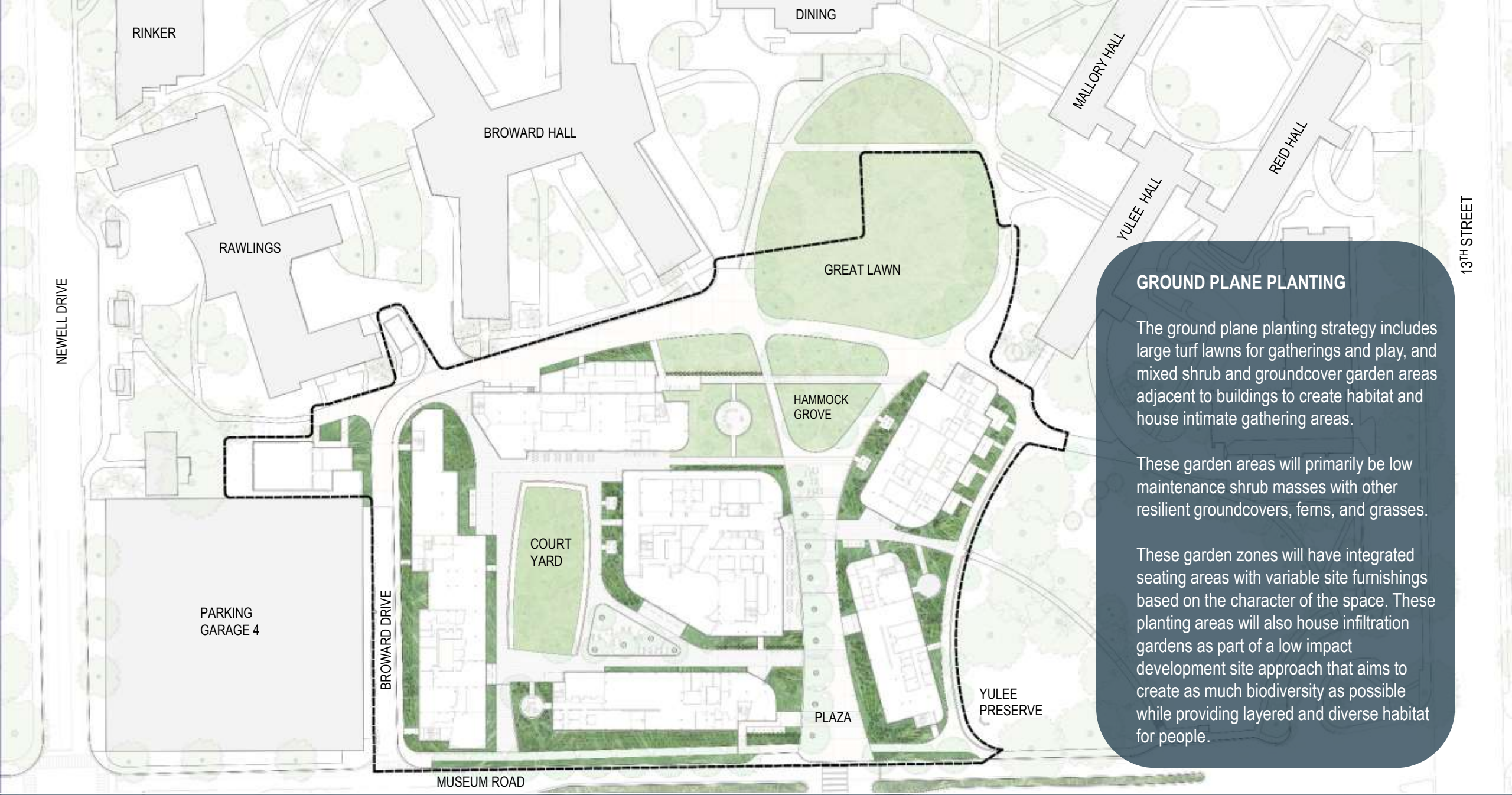
PROPOSED TREE PLANTING

Proposed tree planting for the project includes native broadleaf and coniferous canopy trees, flowering native understory and native palms.

The current plan proposes **68** canopy trees, **29** new palms and **33** understory trees along with **29** transplanted palms. This should meet the UF tree mitigation policy for trees to be removed.

All trees proposed for the project will be selected from the University Landscape Master Plan plant lists.

The intention is to create a campus landscape of open groves and forest inspired garden spaces for social gathering, relaxation and learning.



GROUND PLANE PLANTING

The ground plane planting strategy includes large turf lawns for gatherings and play, and mixed shrub and groundcover garden areas adjacent to buildings to create habitat and house intimate gathering areas.

These garden areas will primarily be low maintenance shrub masses with other resilient groundcovers, ferns, and grasses.

These garden zones will have integrated seating areas with variable site furnishings based on the character of the space. These planting areas will also house infiltration gardens as part of a low impact development site approach that aims to create as much biodiversity as possible while providing layered and diverse habitat for people.

INFILTRATION GARDENS

The ground plane planting areas for the project will all promote infiltration to the deep sandy soils of the site.

As part of a passive low impact development strategy for the site these infiltration zones will be distributed throughout the project.

These areas will be at a lower gradient than adjacent paving and will be coordinated with subsurface drainage systems for overflow relief during large/ intense rainfall events.

The large central courtyard lawn will also serve as an overflow infiltration zone collecting runoff from adjacent paving and any overflow from nearby planting areas.

CANOPY

Quercus austrina	Bluff Oak
Quercus michauxii	Swamp Chestnut Oak
Quercus virginiana	Live Oak
Quercus x shumardii	Shumard Oak
Acer rubrum	Red Maple
Betula nigra	River Birch
Carya glabra	Pignut Hickory
Carya illinoensis	Pecan
Liriodendron tulipifera	Tulip Poplar
Magnolia virginiana	Sweetbay Magnolia
Nyssa sylvatica	Black Gum
Pinus palustris	Long Needle Pine
Pinus taeda	Loblolly Pine
Platanus occidentalis	American Sycamore
Taxodium ascendens	Pond Cypress
Taxodium distichum	Bald Cypress

PALMS

Sabal palmetto	Cabbage Palm
Sabal minor	Dwarf Palmetto
Butiagrus nabonnandii	Mule Palm
Rhaphidophyllum hystrix	Needle Palm
Serenoa repens	Green Saw Palmetto

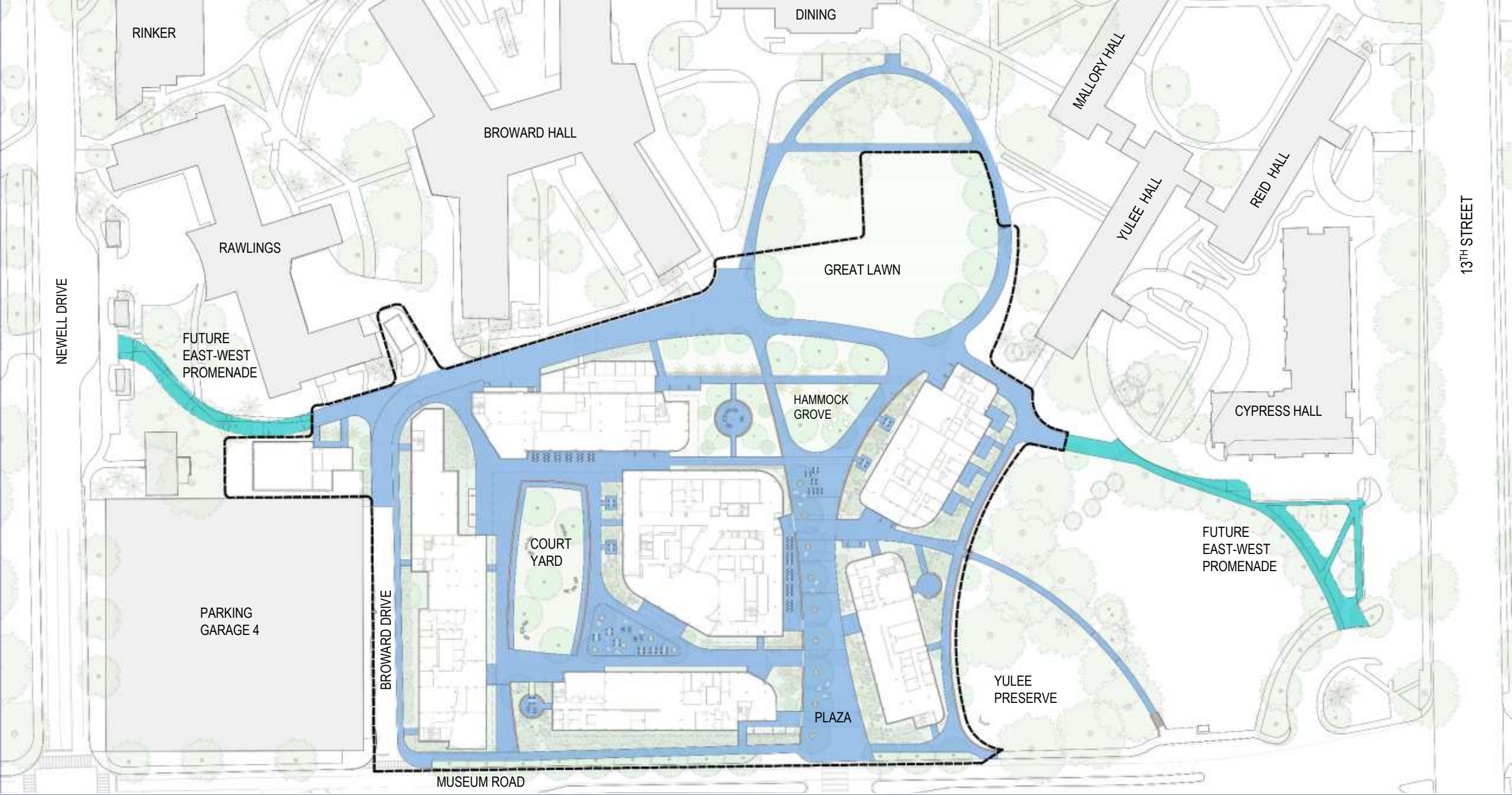
UNDERSTORY

Acer barbatum	Florida Maple
Cercis canadensis	Redbud
Chionanthus virginicus	Fringetree
Carpinus caroliniana	American Hornbeam
Cornus florida	Dogwood
Crataegus viridis	Green Hawthorn
Juniperus silicicola	Southern Red Cedar
Magnolia soulangiana	Saucer Magnolia
Prunus angustifolia	Chickasaw Plum

SHRUBS AND GROUNDCOVERS

Acrostichum danaeifolium	Leather Fern
Aster carolinianus	Carolina Aster
Callicarpa americana	Beautyberry
Hydrangea quercifolia	Oakleaf Hydrangea
Ilex vomitoria	Yaupon Holly
Illicium floridanum	Florida Anise
Muhlenbergia capillaris	Muhly Grass
Myrica cerifera	Wax Myrtle
Paspalum quadrifarium	Crown Grass
Rhododendron ssp	Native Azaleas
Viburnum ssp	Viburnums TBD

Additional Perennials, Shrubs, Ferns, Sedges and grasses for infiltration gardens that will receive directed runoff.



PEDESTRIAN ZONES

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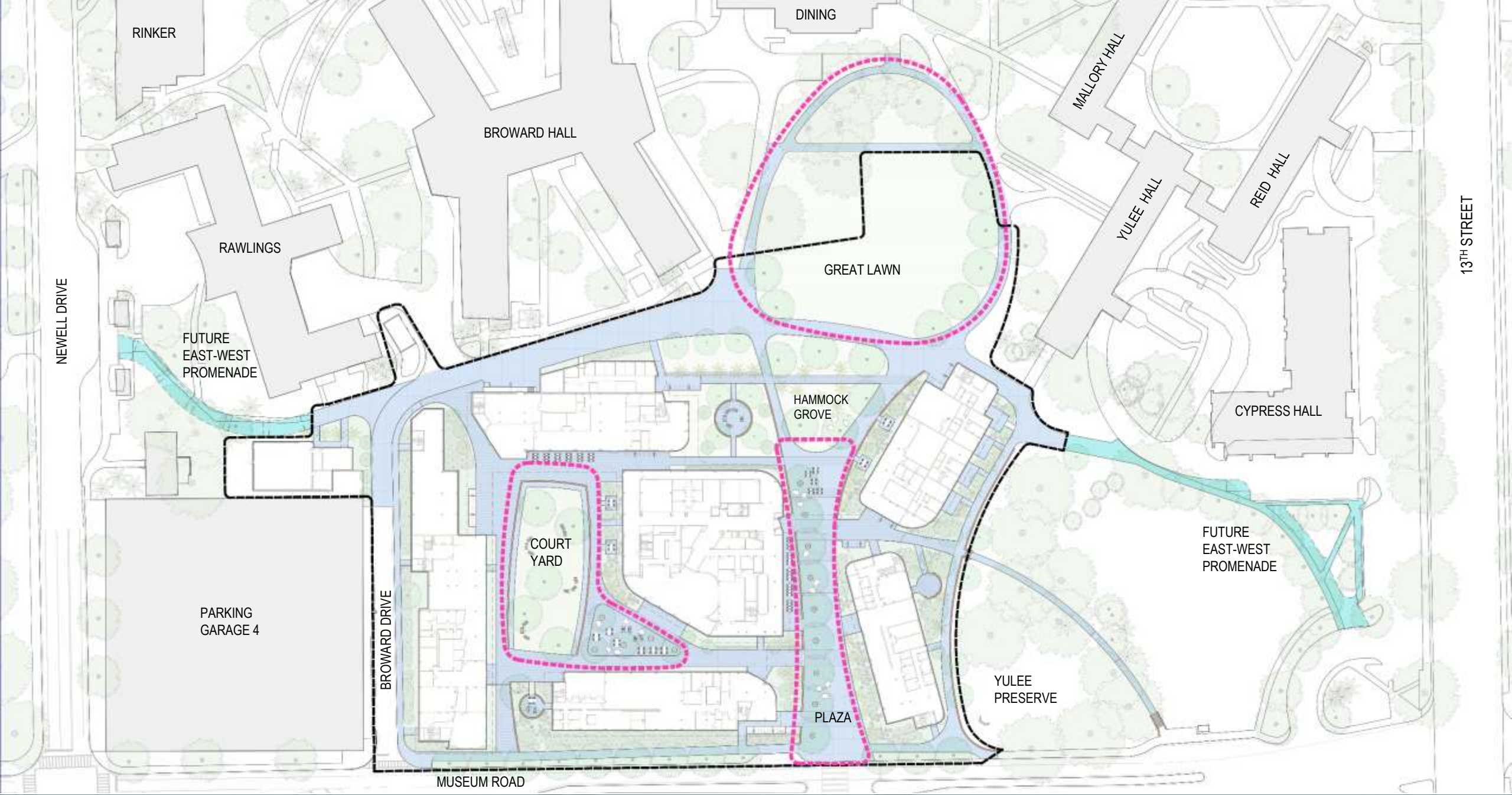

PRIMARY GATHERING AREAS

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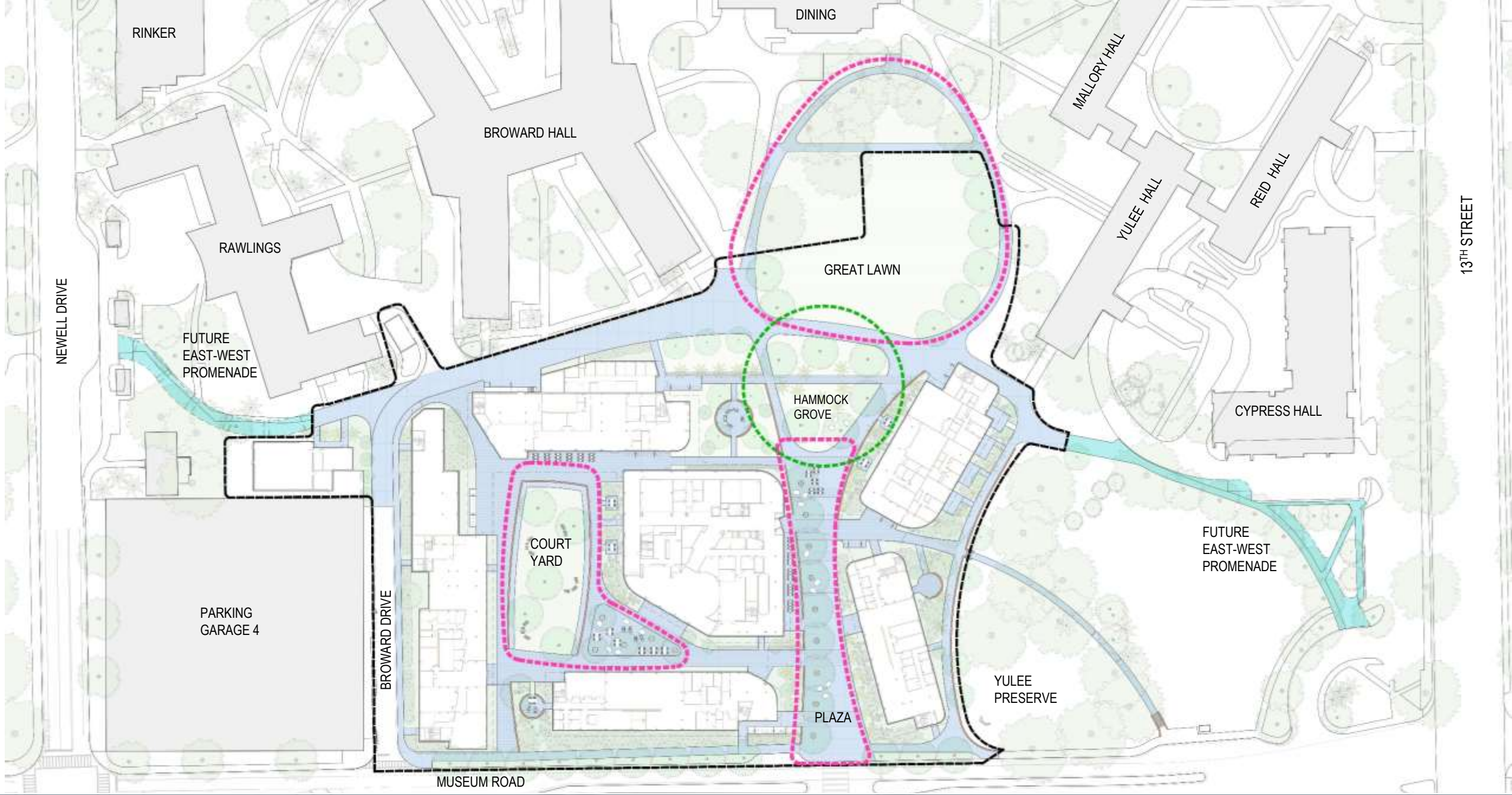
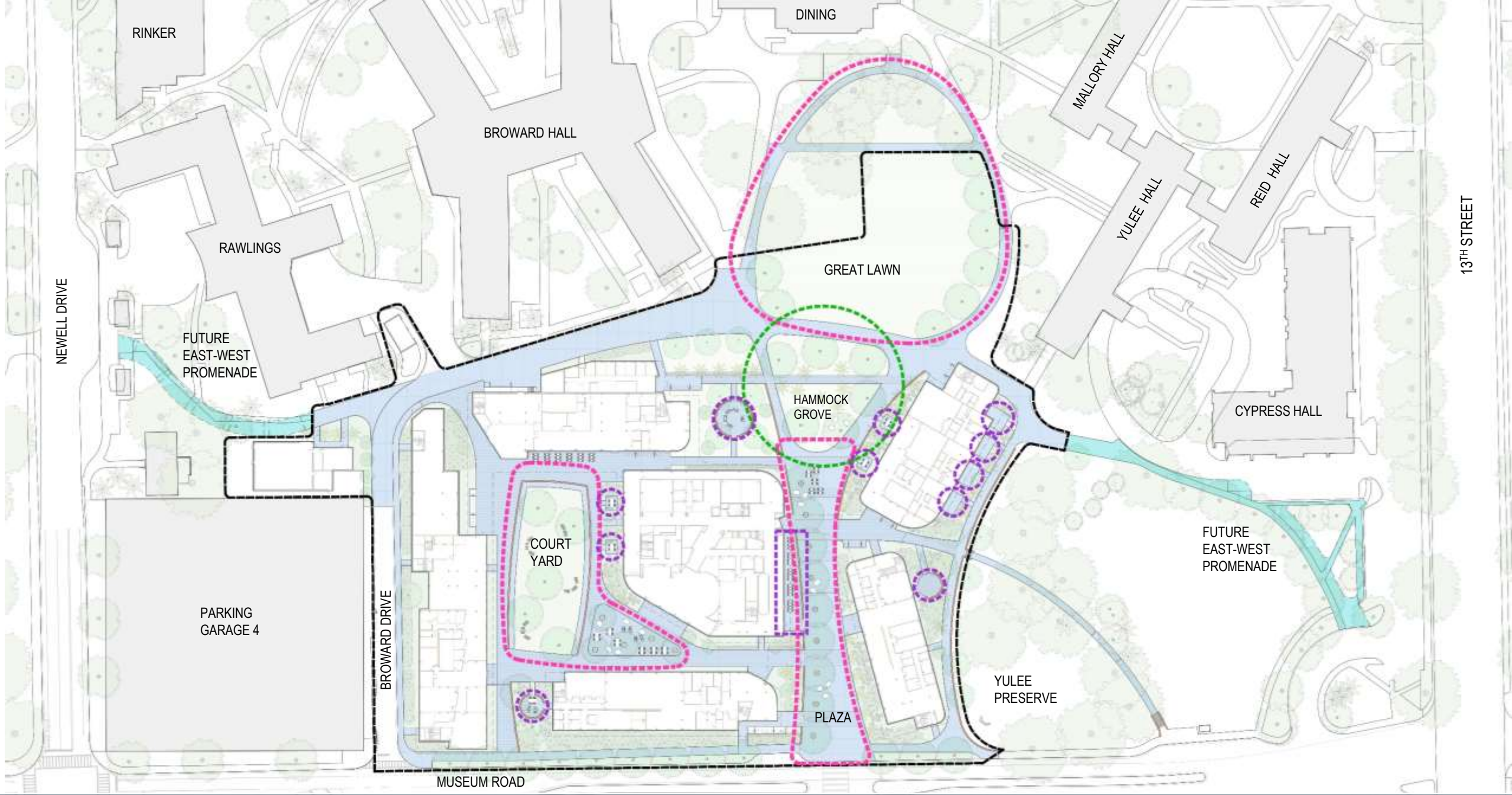

RINKER
DINING
BROWARD HALL
MALLORY HALL
YULEE HALL
REID HALL
13TH STREET
RAWLINGS
NEWELL DRIVE
GREAT LAWN
FUTURE
EAST-WEST
PROMENADE
HAMMOCK
GROVE
CYPRESS HALL
COURT
YARD
FUTURE
EAST-WEST
PROMENADE
PARKING
GARAGE 4
BROWARD DRIVE
YULEE
PRESERVE
PLAZA
MUSEUM ROAD



SMALL SCALE GATHERING

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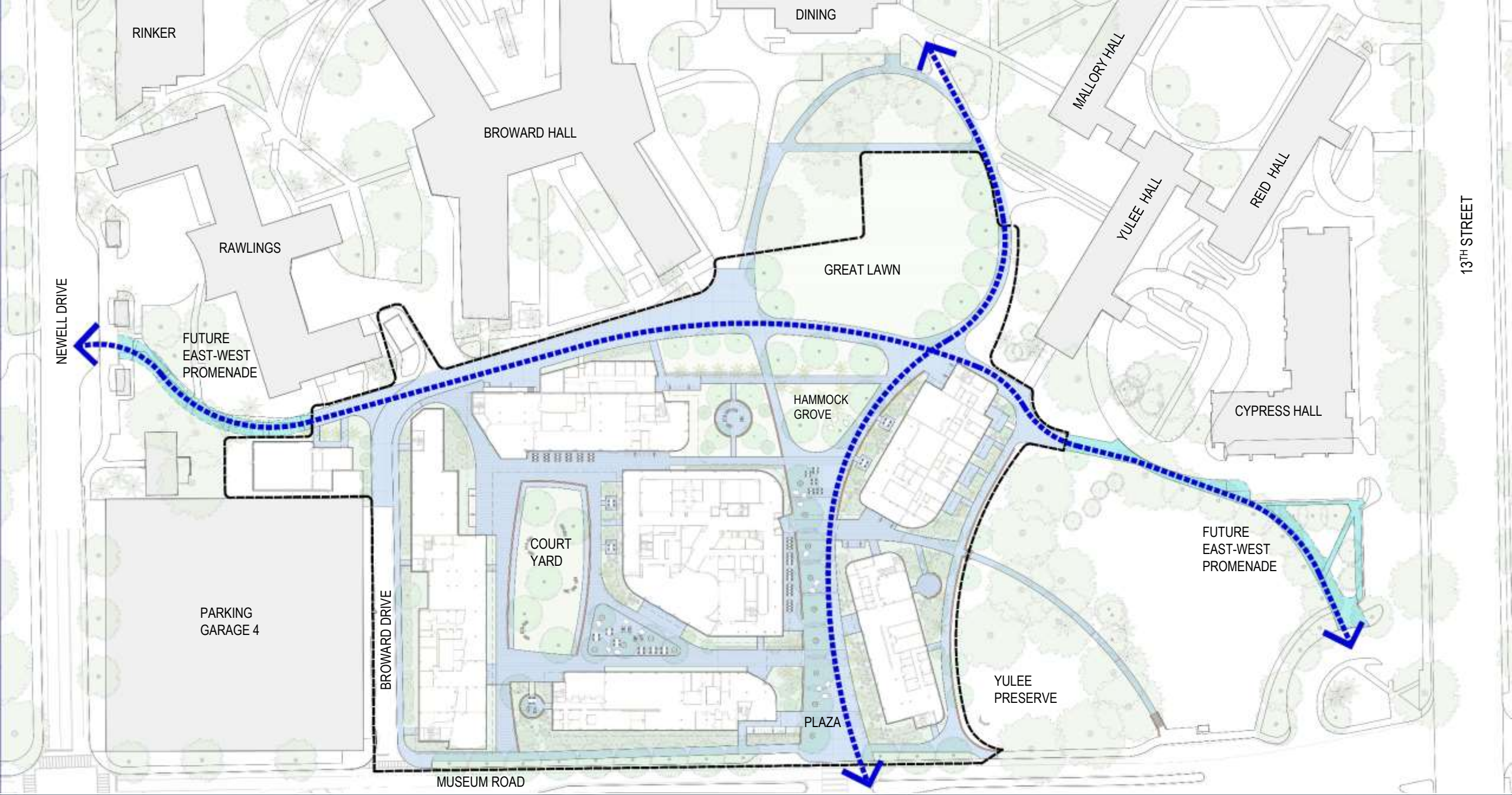

PRIMARY BIKE/ PED FLOW THROUGH SITE

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SITE PLAN

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VIEW FROM MUSEUM ROAD

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THE COURTYARD

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE COURTYARD

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE COURTYARD

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE PLAZA

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE PLAZA

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE PLAZA

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE PLAZA AND HAMMOCK GROVE

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE HAMMOCK GROVE

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE HAMMOCK GROVE

UNIVERSITY OF FLORIDA HONORS COLLEGE

THE GREAT LAWN

UNIVERSITY OF FLORIDA HONORS COLLEGE

YULEE PRESERVE PROMENADE

UNIVERSITY OF FLORIDA HONORS COLLEGE

YULEE PRESERVE PROMENADE

UNIVERSITY OF FLORIDA HONORS COLLEGE

YULEE PRESERVE VIEW

UNIVERSITY OF FLORIDA HONORS COLLEGE

SITE PLAN DETAIL

UNIVERSITY OF FLORIDA HONORS COLLEGE