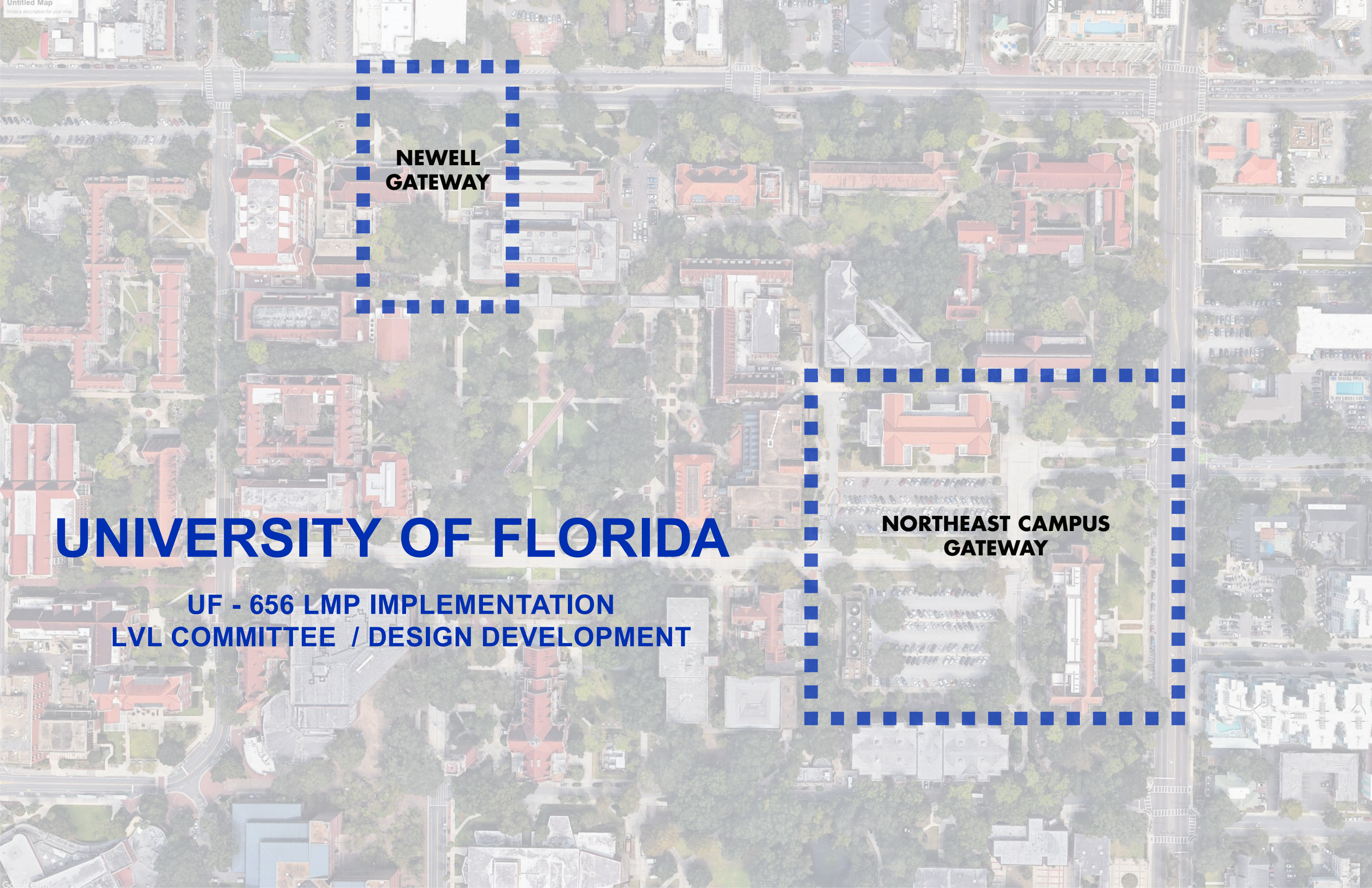


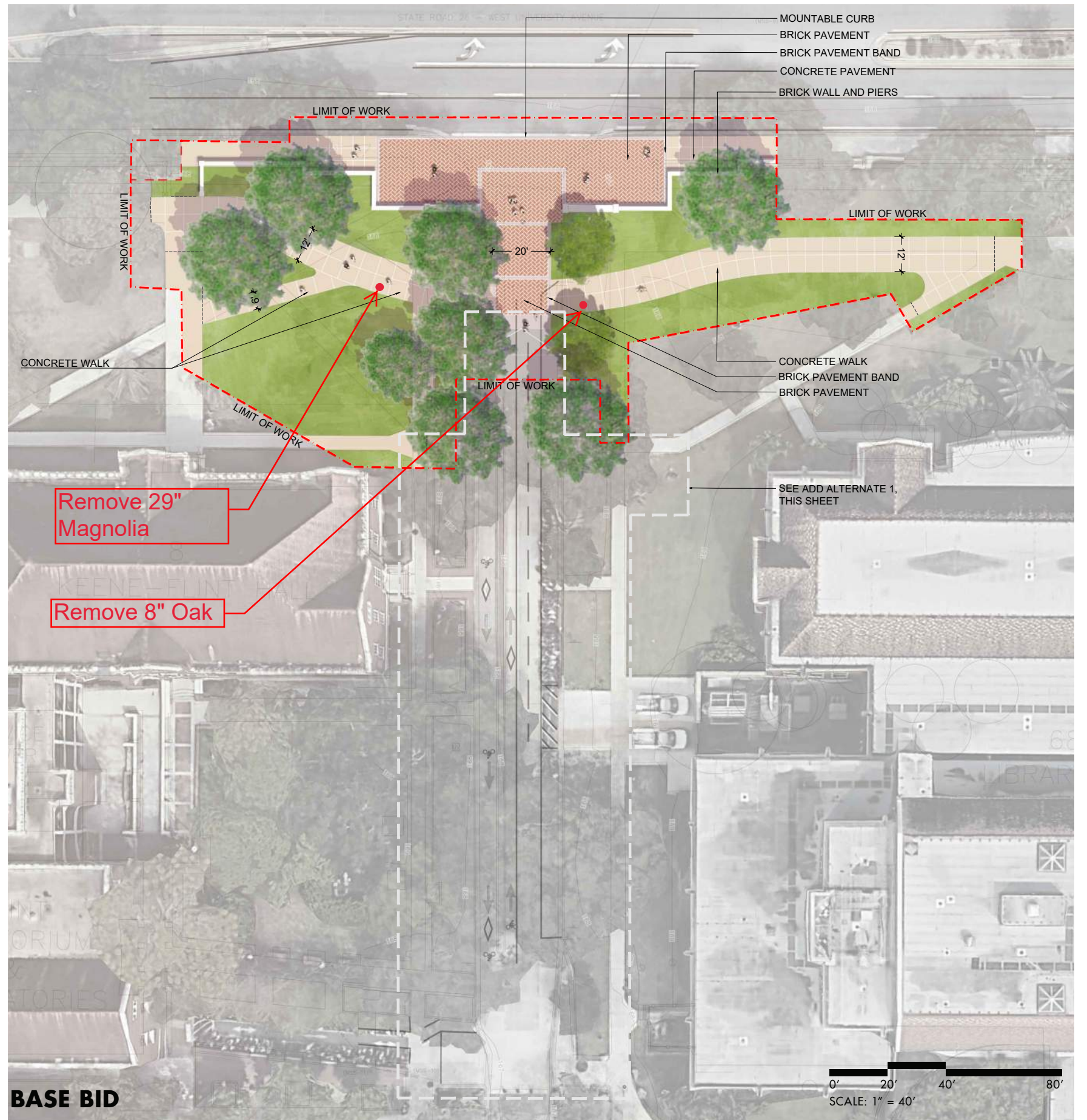
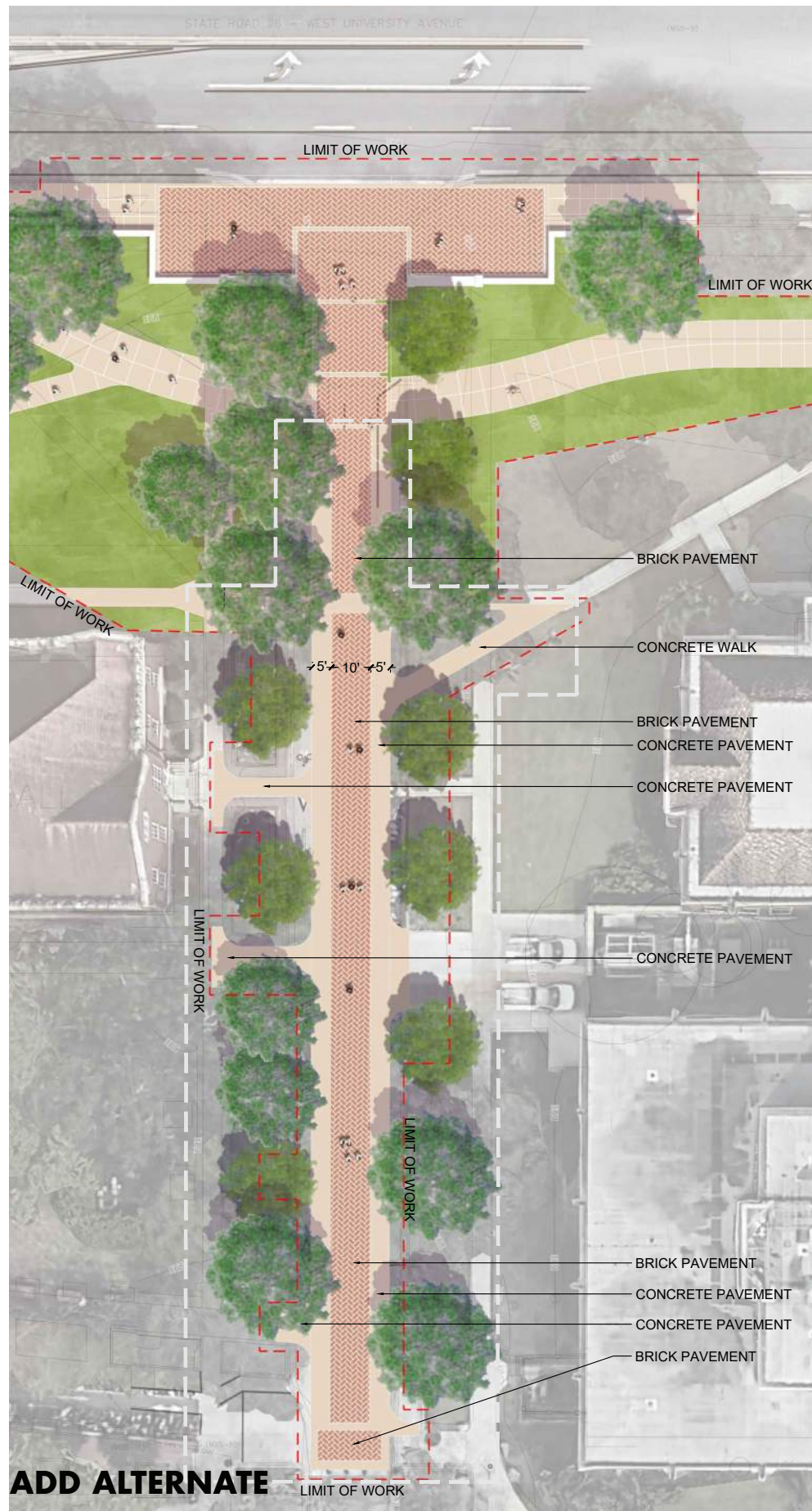


**NEWELL
GATEWAY**

UNIVERSITY OF FLORIDA

**UF - 656 LMP IMPLEMENTATION
LVL COMMITTEE / DESIGN DEVELOPMENT**

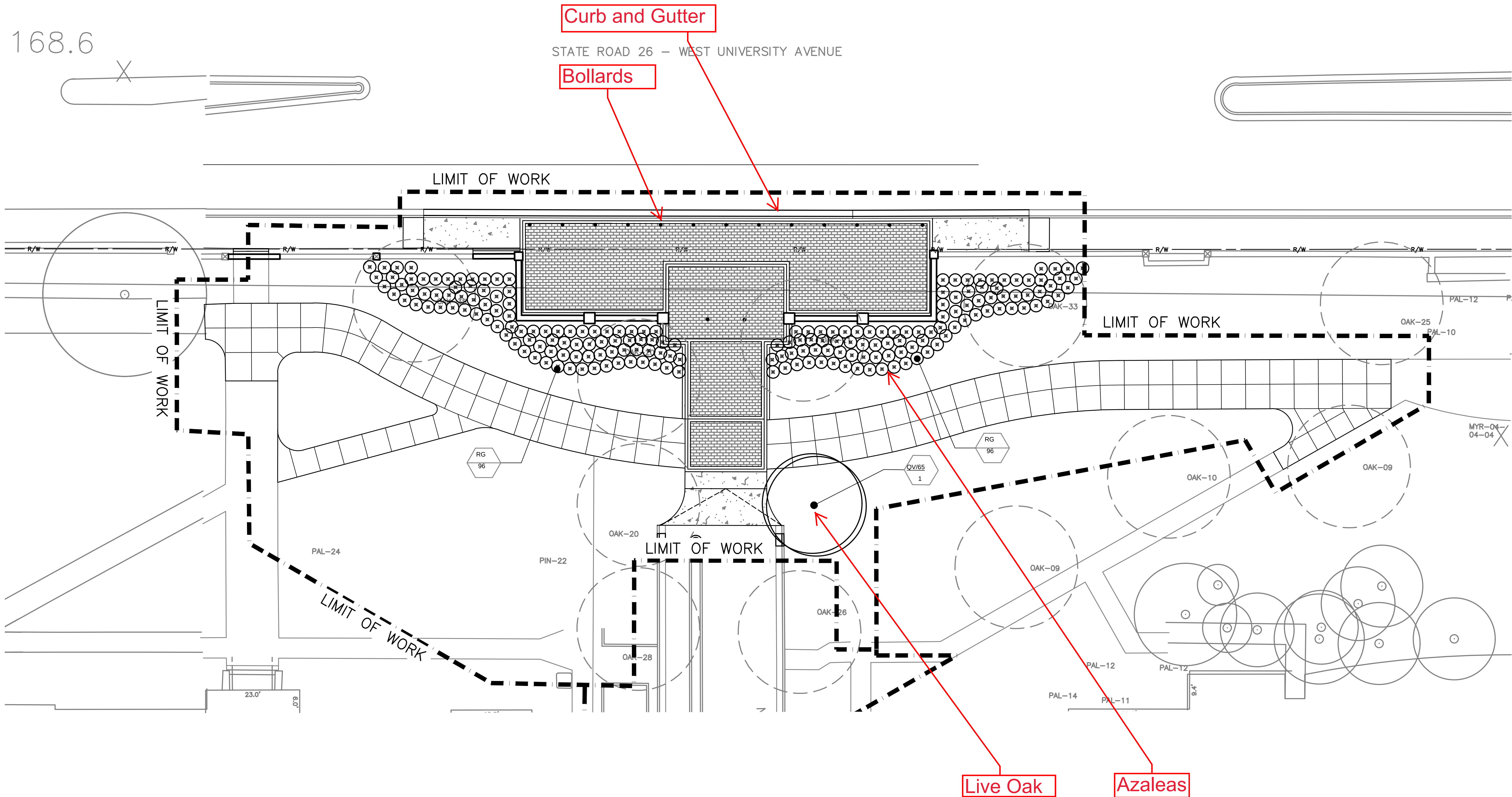
**NORTHEAST CAMPUS
GATEWAY**



NEWELL GATEWAY

DECEMBER 02, 2020

Z:\2020\200265.00 - UF LMP IMPLEMENTATION\CAD\PRODUCTION DRAWINGS\L-200 LANDSCAPE.DWG
This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not revise this drawing via manual drafting methods.



**COMMUNITY
SOLUTIONS
GROUP**

618 E. SOUTH STREET
SUITE 700
ORLANDO, FL 32801
407 423-8398

CERTIFICATE OF AUTHORIZATION: EB9951

UF UNIVERSITY of
FLORIDA

PROJECT
UNIVERSITY OF
FLORIDA

LANDSCAPE
MASTER PLAN
IMPLEMENTATION

UF656
GAINESVILLE, FL

DESIGN
DEVELOPMENT

CONSULTANTS

REGISTRATION

REVISIONS:	

PROJECT NUMBER R200265.00

SCALE:

DATE: 01/06/2021

DRAWN: AP

CHECKED: FB

APPROVED:

SCALE & NORTH ARROW



SHEET TITLE
NEWELL GATEWAY
LANDSCAPE PLAN

SHEET NUMBER

L-200

A GAI CONSULTANTS, INC SERVICE GROUP

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

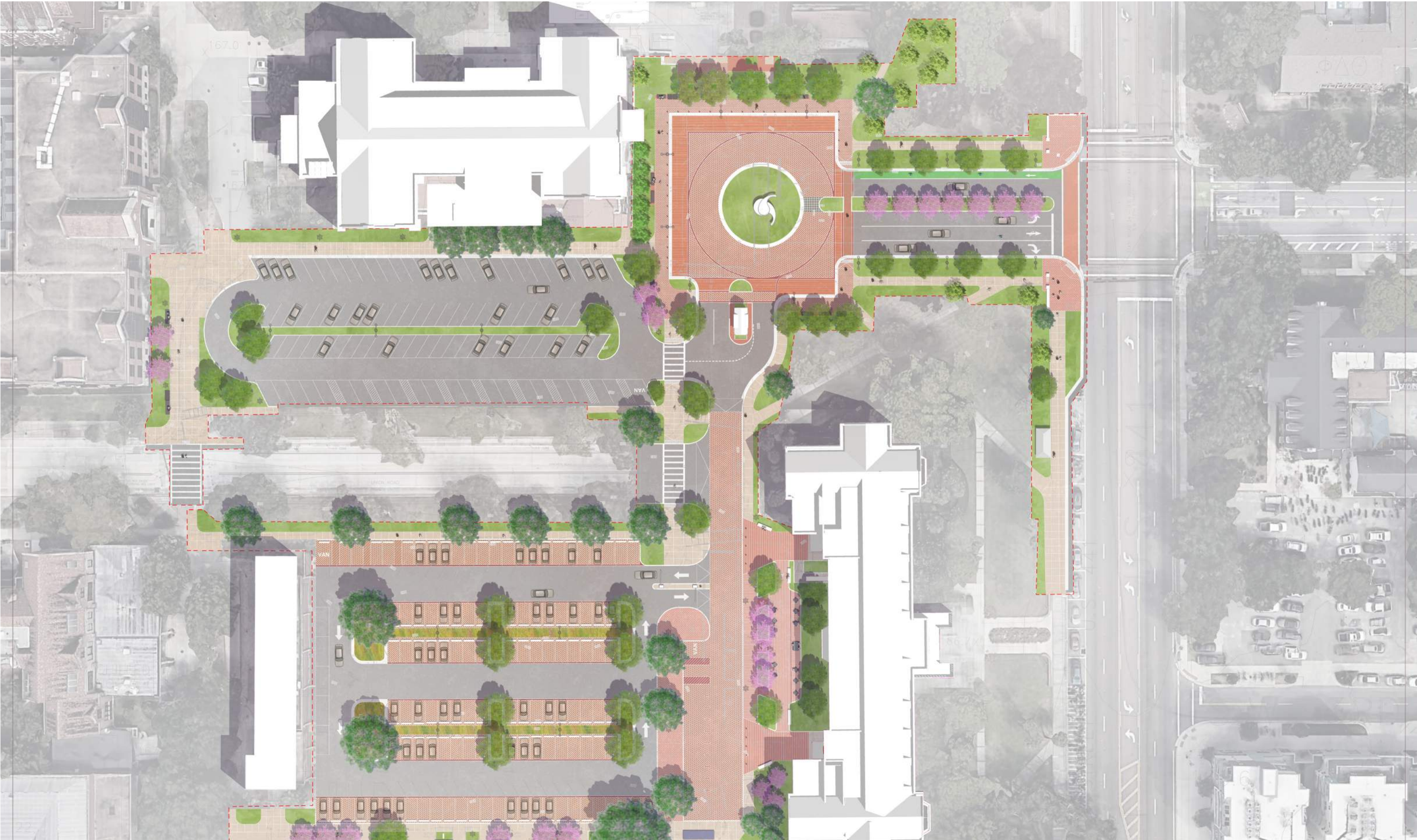
NEWELL GATEWAY

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 *PERSPECTIVE*

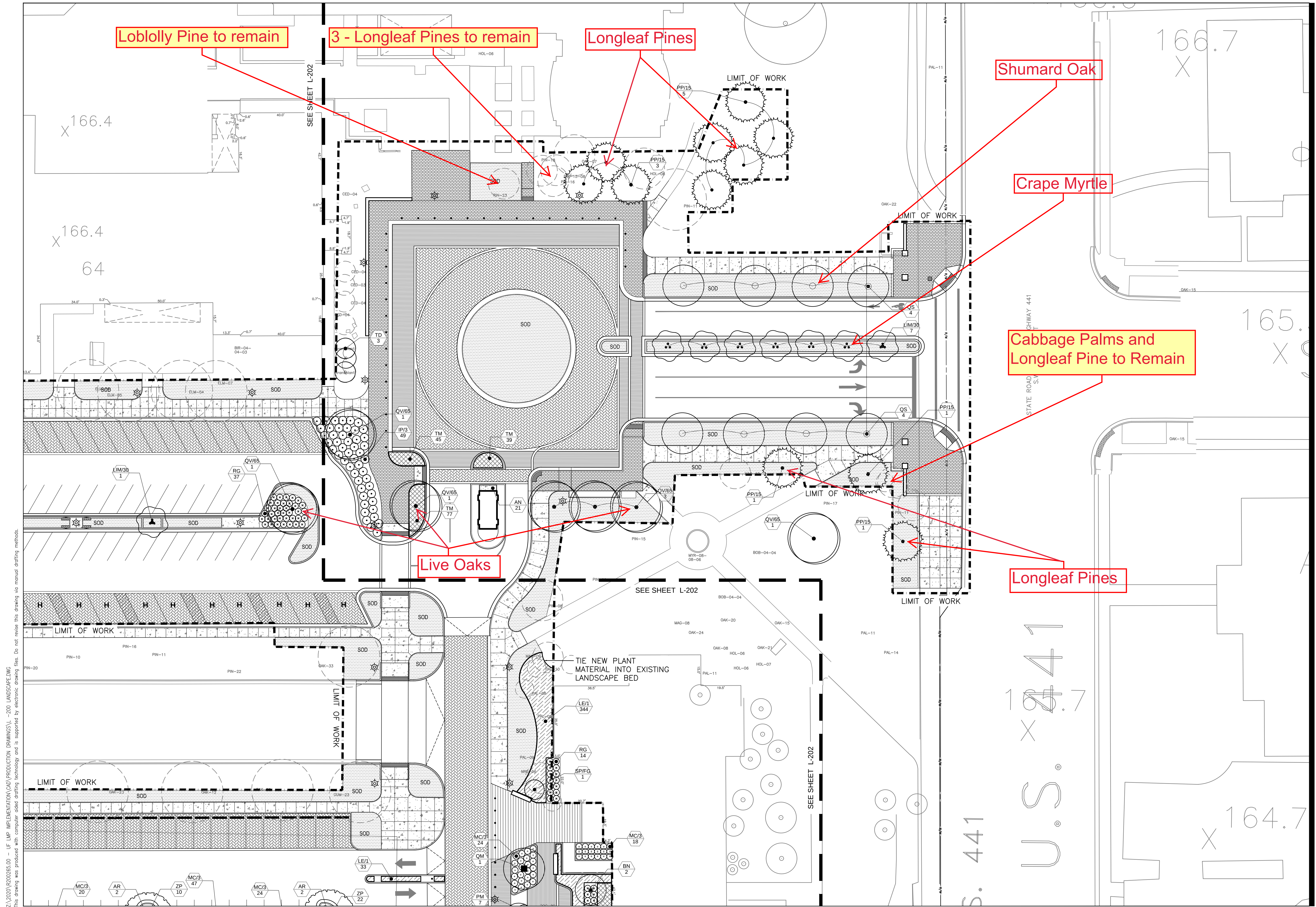
DECEMBER 02, 2020



NORTHEAST GATEWAY

DECEMBER 02, 2020







EXISTING TREE RATING CRITERIA

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

EXISTING TREE RATING CRITERIA

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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
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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	<i>Ulmus parvifolia 'Drake'</i>	Drake Elm	13.5	2	X		2:1	2	
136	<i>Ulmus americana</i>	American Elm	9	2	X		2:1	2	
139	<i>Sabal palmetto</i>	Sabal Palm	10	4	X		2:1	2	
148	<i>Lagerstromia spp.</i>	Crape Myrtle	2+2+2	4	X		2:1	2	Transplant
154	<i>Sabal palmetto</i>	Sabal Palm	9	3	X		2:1	2	
155	<i>Sabal palmetto</i>	Sabal Palm	11	3	X		2:1	2	
161	<i>Sabal palmetto</i>	Sabal Palm	11	3	X		2:1	2	
162	<i>Sabal palmetto</i>	Sabal Palm	10	3	X		2:1	2	
163	<i>Sabal palmetto</i>	Sabal Palm	9	3	X		2:1	2	
176	<i>Cornus florida</i>	Dogwood	3	3	X		2:1	2	Transplant
177	<i>Taxodium distichum</i>	Bald Cypress	5	4	X		2:1	2	Transplant
178	<i>Taxodium distichum</i>	Bald Cypress	5	4	X		2:1	2	Transplant
179	<i>Taxodium distichum</i>	Bald Cypress	5	4	X		2:1	2	Transplant
180	<i>Ulmus alata</i>	Winged Elm	3	3	X		2:1	2	
185	<i>Ulmus alata</i>	Winged Elm	4	3	X		2:1	2	
186	<i>Ulmus alata</i>	Winged Elm	7	3	X		2:1	2	Transplant
191	<i>Quercus virginiana</i>	Live Oak	4	4	X		2:1	2	
193	<i>Pinus taeda</i>	Loblolly Pine	24	3	X		2:1	2	To Remain
194	<i>Pinus taeda</i>	Loblolly Pine	23.5	3	X		2:1	2	
195	<i>Pinus taeda</i>	Loblolly Pine	5	3	X		2:1	2	
196	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	7	3	X		2:1	2	
197	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	7	3	X		2:1	2	
198	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	7	3	X		2:1	2	
199	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	6	3	X		2:1	2	

EXISTING TREE RATING CRITERIA

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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	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	6	3	X		2:1	2	
201	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	6	3	X		2:1	2	
202	<i>Sabal palmetto</i>	Sabal Palm	14	3	X		2:1	2	
203	<i>Pinus taeda</i>	Loblolly Pine	21	3	X		2:1	2	
204	<i>Pinus taeda</i>	Loblolly Pine	14	3	X		2:1	2	
205	<i>Pinus taeda</i>	Loblolly Pine	16	3	X		2:1	2	To Remain
206	<i>Pinus taeda</i>	Loblolly Pine	18	3	X		2:1	2	To Remain
207	<i>Pinus taeda</i>	Loblolly Pine	15	3	X		2:1	2	To Remain
212	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	12	2	X		2:1	2	
215	<i>Sabal palmetto</i>	Sabal Palm	14	3	X		2:1	2	
217	<i>Liriodendron tulipifera</i>	Tulip Poplar	11	3	X		2:1	2	
218	<i>Liriodendron tulipifera</i>	Tulip Poplar	13	3	X		2:1	2	
219	<i>Butia capitata</i>	Pindo Palm	26	3	X		2:1	2	
220	<i>Sabal palmetto</i>	Sabal Palm	9	4	X		2:1	2	
221	<i>Sabal palmetto</i>	Sabal Palm	9	4	X		2:1	2	
222	<i>Sabal palmetto</i>	Sabal Palm	11	4	X		2:1	2	
223	<i>Sabal palmetto</i>	Sabal Palm	10	4	X		2:1	2	
224	<i>Sabal palmetto</i>	Sabal Palm	9	4	X		2:1	2	
225	<i>Sabal palmetto</i>	Sabal Palm	11	4	X		2:1	2	
226	<i>Sabal palmetto</i>	Sabal Palm	9	4	X		2:1	2	
227	<i>Sabal palmetto</i>	Sabal Palm	8	4	X		2:1	2	
228	<i>Sabal palmetto</i>	Sabal Palm	11	4	X		2:1	2	
229	<i>Sabal palmetto</i>	Sabal Palm	12	4	X		2:1	2	
230	<i>Sabal palmetto</i>	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
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Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
231	<i>Sabal palmetto</i>	Sabal Palm	16	4	X		2:1	2	
232	<i>Sabal palmetto</i>	Sabal Palm	21	4	X		2:1	2	To Remain
233	<i>Pinus taeda</i>	Loblolly Pine	17.5	3	X		2:1	2	To Remain
234	<i>Sabal palmetto</i>	Sabal Palm	17	3	X		2:1	2	To Remain
236	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	10	3	X		2:1	2	
237	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	7	3	X		2:1	2	
238	<i>Ilex x attenuata 'East Palakta'</i>	East Palatka Holly	9	3	X		2:1	2	
256	<i>Pinus taeda</i>	Loblolly Pine	20	4	X		2:1	2	
257	<i>Quercus virginiana</i>	Live Oak	10	3	X		2:1	2	
258	<i>Quercus virginiana</i>	Live Oak	9	3	X		2:1	2	
259	<i>Quercus virginiana</i>	Live Oak	11	3	X		2:1	2	
260	<i>Quercus virginiana</i>	Live Oak	10	3	X		2:1	2	
261	<i>Quercus virginiana</i>	Live Oak	10	3	X		2:1	2	
262	<i>Quercus virginiana</i>	Live Oak	11	3	X		2:1	2	
263	<i>Pinus taeda</i>	Loblolly Pine	16	4	X		2:1	2	
266	<i>Pinus taeda</i>	Loblolly Pine	16	3	X		2:1	2	
TIGERT GATEWAY TOTAL MITIGATION:								145 175	replacement trees

Institute of Food
and Agricultural
Sciences

**ARCHER ROAD AGRONOMY COMPLEX
NEW FIELD BUILDING**

PROJECT# TBD

PROJECT CRITERIA

- CONSTRUCT NEW FIELD BUILDING TO INCREASE FACULTY STORAGE OF GREENHOUSE EQUIPMENT AND MATERIALS.
- MULTIPLE PINE TREES ARE REQUIRED TO BE REMOVED TO ACCOMMODATE LOCATION OF THE NEW BUILDING.
- THE REMOVAL OF THE PINE TREES WILL ALSO ELIMINATE SHADING WHICH IS PROBLEMATIC TO THE RESEARCH PLANTS IN THE GREENHOUSES.

PROJECT LOCATION



LOCATION OF PINE TREES



PINE TREE STAND



TREE CANOPY



TREES FACING EAST



TREES FACING WEST



INVENTORY OF TREES TO BE REMOVED

- 5"-10" Pines = 24
- 10"-20" Pines = 20
- 20"-30" Pines = 3
- Oaks*
 - One 20"
 - One 12"
 - Three 10"
 - One 7"
 - One 6"

* Due to the overgrowth of pines, vines and underbrush the growth and direction of the oaks have been stunted.



IN CONCLUSION

- The new facility will serve the research needs of Department of Agronomy faculty to meet current and future programs.
- The removal of the trees will prevent detrimental shading in the research greenhouses.

ARCHER ROAD AGRONOMY COMPLEX

Maintenance Tree Removal

PROJECT LOCATION



Removal Request 1

- Request removal of Live Oak leaning over B0339.
- Per picture, chainlink fence growing into base of tree.
- The tree is leaning over a building that was recently renovated at approximately \$500,000.

Leaning Live Oak

Leaning Over Building



Fencing Grown into Base



Leaning Live Oak

Additional Side View



View from Front of Bo339



Removal Request 2

- Request removal of unknown species and Loblolly Pine.
- Per picture, unknown species is nearly flat topped, overgrown with vines and unhealthy in general.
- Loblolly Pine is very close to B0350 and higher than building finish floor elevation. It is also connected to the unknown species by vine growth.
- We are working a grading project for this site to improve flow of water away from building and to drainage ditch.

Unknown Species

Overall View



Main Trunk and Vines



Unknown Species

View of Growth and Health View Looking West



Loblolly Pine

View Looking East



View Looking West



IN CONCLUSION

- IFAS Facilities is requesting removal of three trees for building maintenance reasons.
- We believe the Live Oak and Loblolly Pine pose risks to building structure; and the unknown species is in poor condition.
- Removal of the Loblolly Pine and unknown species will allow us to promote positive grading away from the building.

Autonomy Park









