

UF public safety building

Lakes, Vegetation and Landscaping Committee

10/01/2020



site context map



master plan



enlargement plan - plaza



- Legend
- 1 Community plaza with seating walls
 - 2 Entry walk with flag poles
 - 3 Public parking
 - 4 Secured parking
 - 5 Bus stop
 - 6 Event control gate
 - 7 Security gate
 - 8 Security bollards

NW CORNER



ARRIVAL AT CORNER



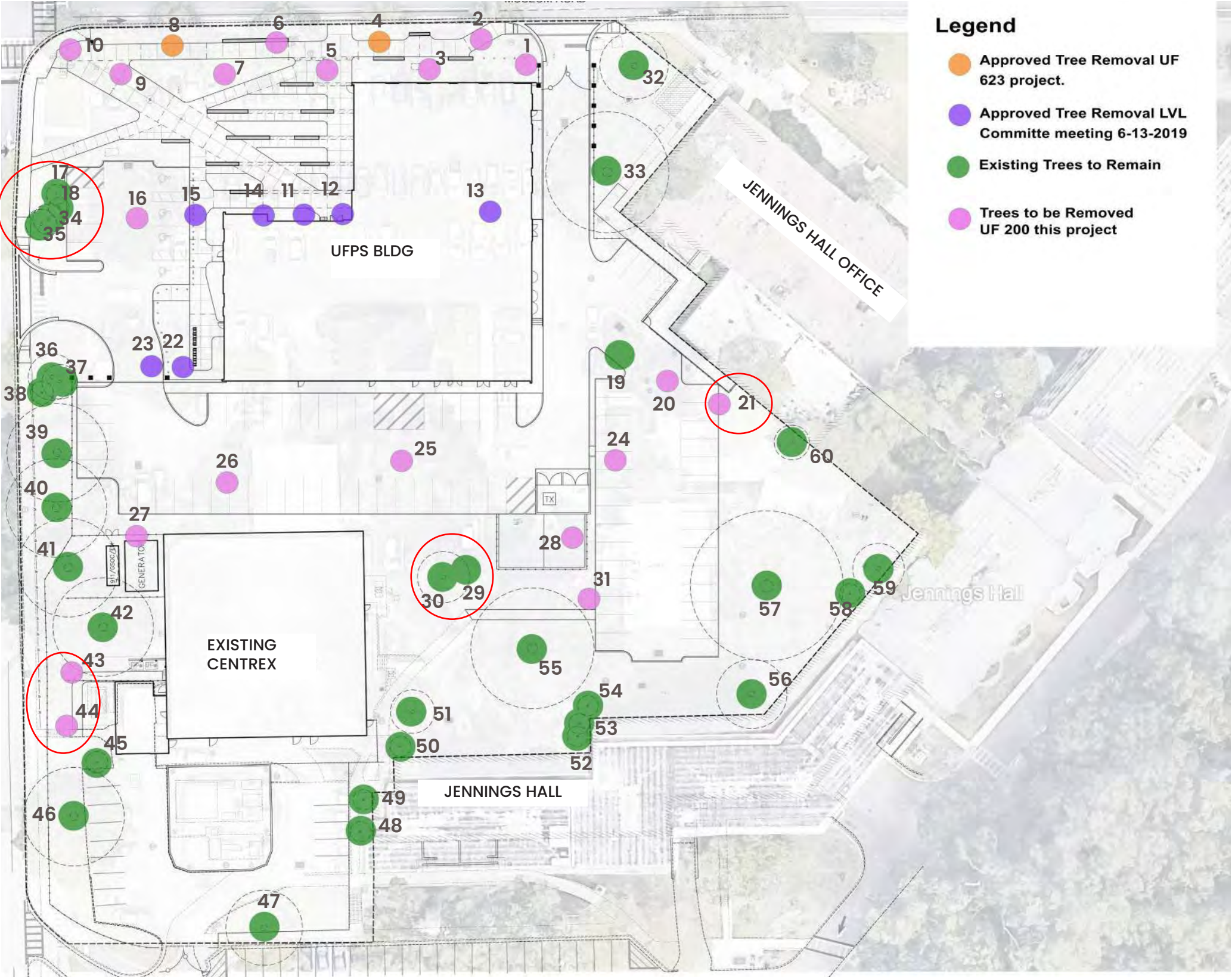
ARRIVAL BY BUS



NE CORNER

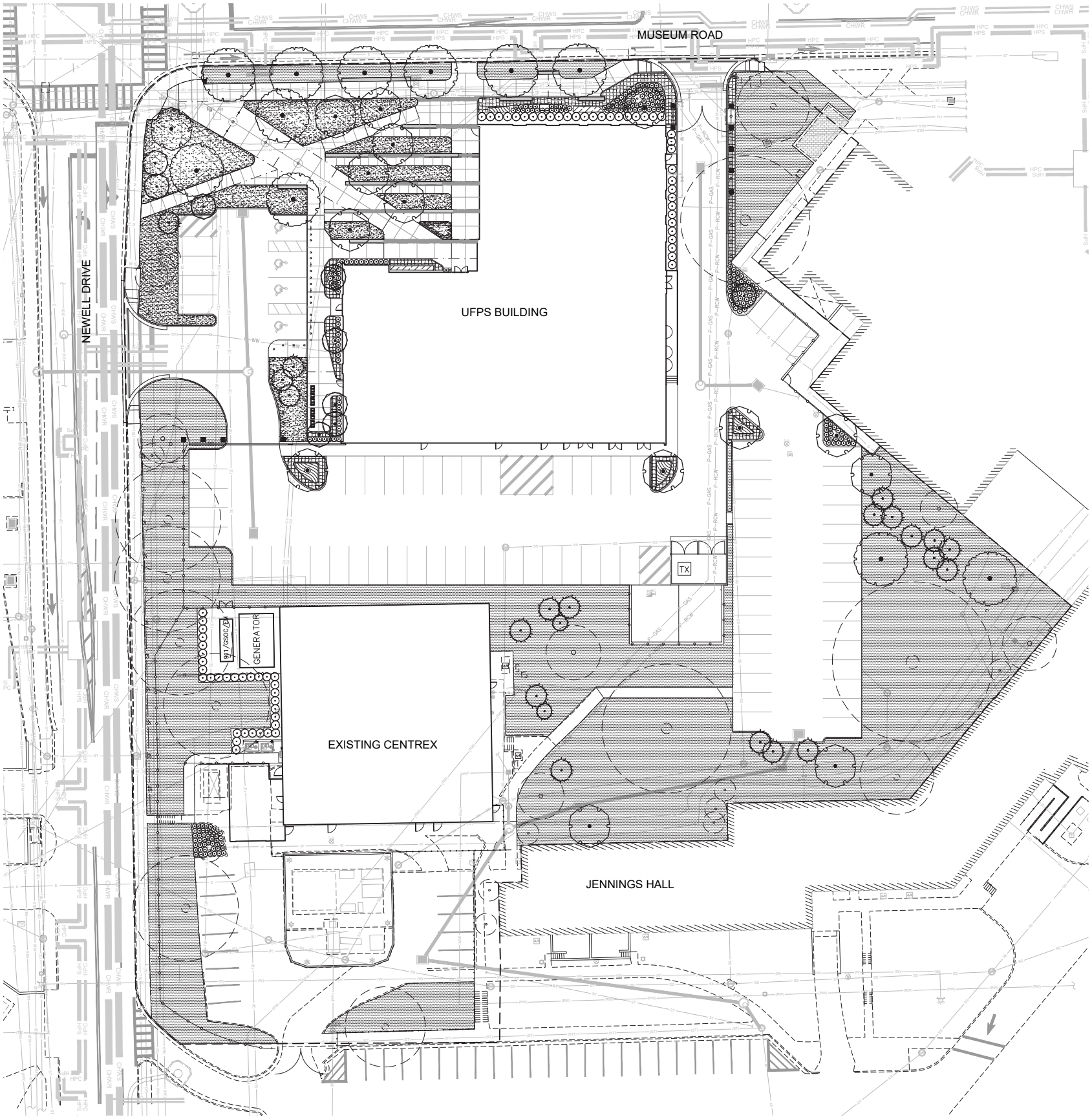


tree preservation plan

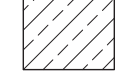
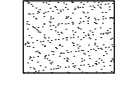


No.	Scientific Name	COMMON Name	DBH_2020	Mitigation Cost
1	Magnolia grandiflora	Southern Magnolia	10	\$500
2	Magnolia grandiflora	Southern Magnolia	17	\$500
3	Magnolia grandiflora	Southern Magnolia	15	\$500
4	Magnolia grandiflora	Southern Magnolia	14	\$500
5	Magnolia grandiflora	Southern Magnolia	10	\$500
6	Magnolia grandiflora	Southern Magnolia	14	\$500
7	Magnolia grandiflora	Southern Magnolia	12	\$500
8	Magnolia grandiflora	Southern Magnolia	16	\$500
9	Magnolia grandiflora	Southern Magnolia	17	\$500
10	Magnolia grandiflora	Southern Magnolia	16	\$500
11	Illex x attentua	E. Palatka Holly	14	\$500
12	Illex x attentua	E. Palatka Holly	26	\$3,000
13	Illex x attentua	E. Palatka Holly	14	\$500
14	Illex x attentua	E. Palatka Holly	20	\$1,500
15	Illex x attentua	E. Palatka Holly	10	\$500
16	Quercus laurifolia	Laurel Oak	19	\$500
17	Pinus ellioti	Slash Pine	15	
18	Pinus ellioti	Slash Pine	6	
19	Eriobtrya japonica	Loquat	TBD	
20	Magnolia grandiflora	Southern Magnolia	21	\$1,000
21	Pinus taeda	Loblolly Pine	28	\$500
22	Quercus laurifolia	Laurel Oak	14	\$500
23	Quercus laurifolia	Laurel Oak	13	\$500
24	Carya illinoensis	Pecan	36	\$4,500
25	Quercus virginiana	Live Oak	36	\$4,500
26	Quercus virginiana	Live Oak	15	\$500
27	Quercus virginiana	Live Oak	25	\$1,500
28	Juniperus silicicola	Cedar	15	\$500
29	Quercus laurifolia	Laurel Oak	11	
30	Quercus laurifolia	Laurel Oak	18	
31	Pinus ellioti	Slashpine	19	\$500
32	Magnolia grandiflora	Southern Magnolia	10	
33	Quercus virginiana	Live Oak	34	
34	Pinus ellioti	Slash Pine	12	
35	Pinus ellioti	Slash Pine	6	
36	Pinus ellioti	Slash Pine	20	
37	Pinus ellioti	Slash Pine	11	
38	Pinus ellioti	Slash Pine	8	
39	Quercus virginiana	Live Oak	20	
40	Quercus virginiana	Live Oak	24	
41	Quercus virginiana	Live Oak	52	
42	Quercus virginiana	Live Oak	23	
43	Plantanus occidentalis	Sycomre tree	12	\$500
44	Taxodium distichum	Bald Cypress	13	\$500
45	Palm	Palm	16	
46	Plantanus occidentalis	Sycomre tree	19	
47	Celtis occidentalis	Hackberry tree	18	
48	Palm	Palm	9	
49	Palm	Palm	8	
50	Palm	Palm	9	
51	Pinus ellioti	Slash Pine	24	
52	Palm	Palm	9	
53	Palm	Palm	8	
54	Palm	Palm	7	
55	Quercus virginiana	Live Oak	40	
56	Magnolia grandiflora	Southern Magnolia	6	
57	Quercus virginiana	Live Oak	60	
58	Palm	Palm	13	
59	Celtis occidentalis	Hackberry tree	16	
60	Lagerstroemia indica	Crape Myrtle	17	
TOTAL				\$ 27,000

planting master plan and schedule



CONCEPT PLANT SCHEDULE

	LARGE TREES - FIELD GROWN, 6" CAL. 22' HT X 16' SP QUERCUS VIRGINIANA / SOUTHERN LIVE OAK	10
	MEDIUM SHADE TREES - FIELD GROWN, 4" CAL. 16' HT X 6' SP MAGNOLIA VIRGINIANA / SWEET BAY ULMUS ALATA / WINGED ELM	15
	UNDERSTORY TREES - #30 CONT. 3" CAL. 10' HT CERCIS CANADENSIS / EASTERN REDBUD CHIONANTHUS VIRGINICUS / WHITE FRINGETREE ILEX VOMITORIA / YAUPON HOLLY LAGERSTROEMIA X 'MUSKOGEE' / LAVENDER CRAPE MYRTLE MULTI-TRUNK LIGUSTRUM JAPONICUM / JAPANESE TREE LIGUSTRUM VIBURNUM OBOVATUM / WALTER'S VIBURNUM	10
	CONIFER TREE - FIELD GROWN, #45 CONT. 12' HT PINUS ELLIOTTI / SLASH PINE	22
	LARGE SHRUBS - #7 CONT. 36" HT X 18" SP HAMELIA PATENS / FIRE BUSH ILEX VOMITORIA / YAUPON HOLLY ILLICIAM FLORIDANUM / PURPLE ANISE MYRCIANTHES FRAGRANS / SIMPSON'S STOPPER PODOCARPUS MACROPHYLLUS / PODOCARPUS VIBURNUM ODORATISSIMUM / SWEET VIBURNUM VIBURNUM SUSPENSUM / SANDANKWA VIBURNUM	69
	SMALL SHRUBS - #3 CONT. 18" HT X 18" SP CYRTOMIUM FALCUTUM / HOLLY FERN ILEX VOMITORIA 'STOKES DWARF' / STOKES DWARF YAUPON HOLLY VIBURNUM OBOVATUM 'MRS. SHILLERS DELIGHT' / WALTER'S VIBURNUM 'MRS. SHILLERS DELIGHT' ZAMIA PUMILA / COONTIE	247
	ORNAMENTAL NATIVE GRASS - #1 CONT. 16" HT X 12" SP MUHLENBERGIA CAPILLARIS / PINK MUHLY PASPALUM QUADRIFOLIA / CROWN GRASS TRIPSACUM FLORIDANA / FLORIDA GAMA GRASS	165 SF
	ACCENT GROUNDCOVERS - #1 CONT. 16" HT X 12" SP AGAPANTHUS AFRICANUS / AFRICAN LILY TULBAGHIA VIOLACEA / SOCIETY GARLIC	75 SF
	GROUNDCOVERS - #1 CONT. FULL LIRIOPE MUSCARI 'EMERALD GODDESS' / LILY TURF TRACHELOSPERMUM ASIATICUM 'MINIMA' / MINIMA JASMINE	1,273 SF
	LAWN - PLAZA ZOYSIA JAPONICA 'EMPIRE' / EMPIRE ZOYSIA	4,441 SF
	LAWN - PERIMETER STENOTAPHRUM SECUNDATUM / ST. AUGUSTINE GRASS 'FLORITAM'	36,691 SF
	EXISTING TREE TO REMAIN	

planting palette



Quercus virginiana
Southern Live Oak



Magnolia virginiana
Sweet Bay



Ligustrum japonicum
Japanese Tree Ligustrum



Ulmus alata
Winged Elm



Ilex vomitoria
Yaupon Holly



Cercis canadensis forest pansy
Forest Pansy Redbud



Chionanthus retusus
Chinese Fringe Tree



Viburnum obovatum
Walter`S Viburnum



Pinus ellioti
Slash Pine



Lagerstroemia x 'Muskogee'
Lavendar Crape Myrtle Multi-Trunk

planting palette



Illicium floridanum
Florida Anise



Hamelia patens
Firebush



Myrcianthes fragrans
Simpson's Stopper



Podocarpus macrophyllus
Podocarpus



Viburnum odoratissimum
Sweet viburnum



Viburnum suspensum
Sandankwa viburnum



Viburnum obovatum 'Mrs. Shillers Delight'
Mrs. Shillers Delight viburnum

planting palette



Muhlenbergia capillaris
Muhly Grass



Agapanthus africanus
Lily Of The Nile



Ilex vomitoria 'stokes dwarf'
Dwarf Yaupon



Tripsacum floridanum
Florida Gamagrass



Zamia pumila
Coontie cycad



Tulbaghia violacea
Society garlic

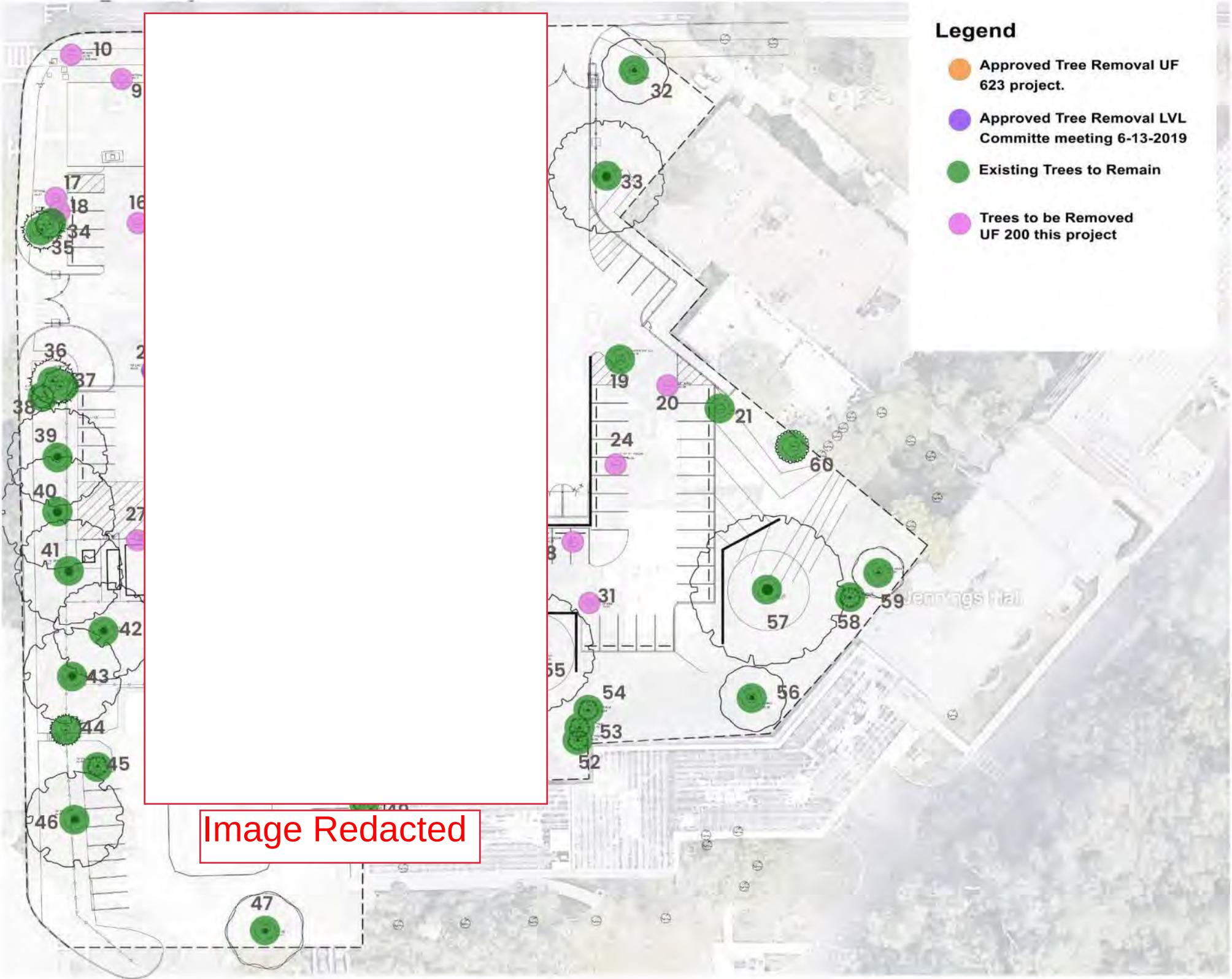


Cyrtomium falcatum
Holly fern



Trachelospermum asiaticum 'minima'
Minima jasmine

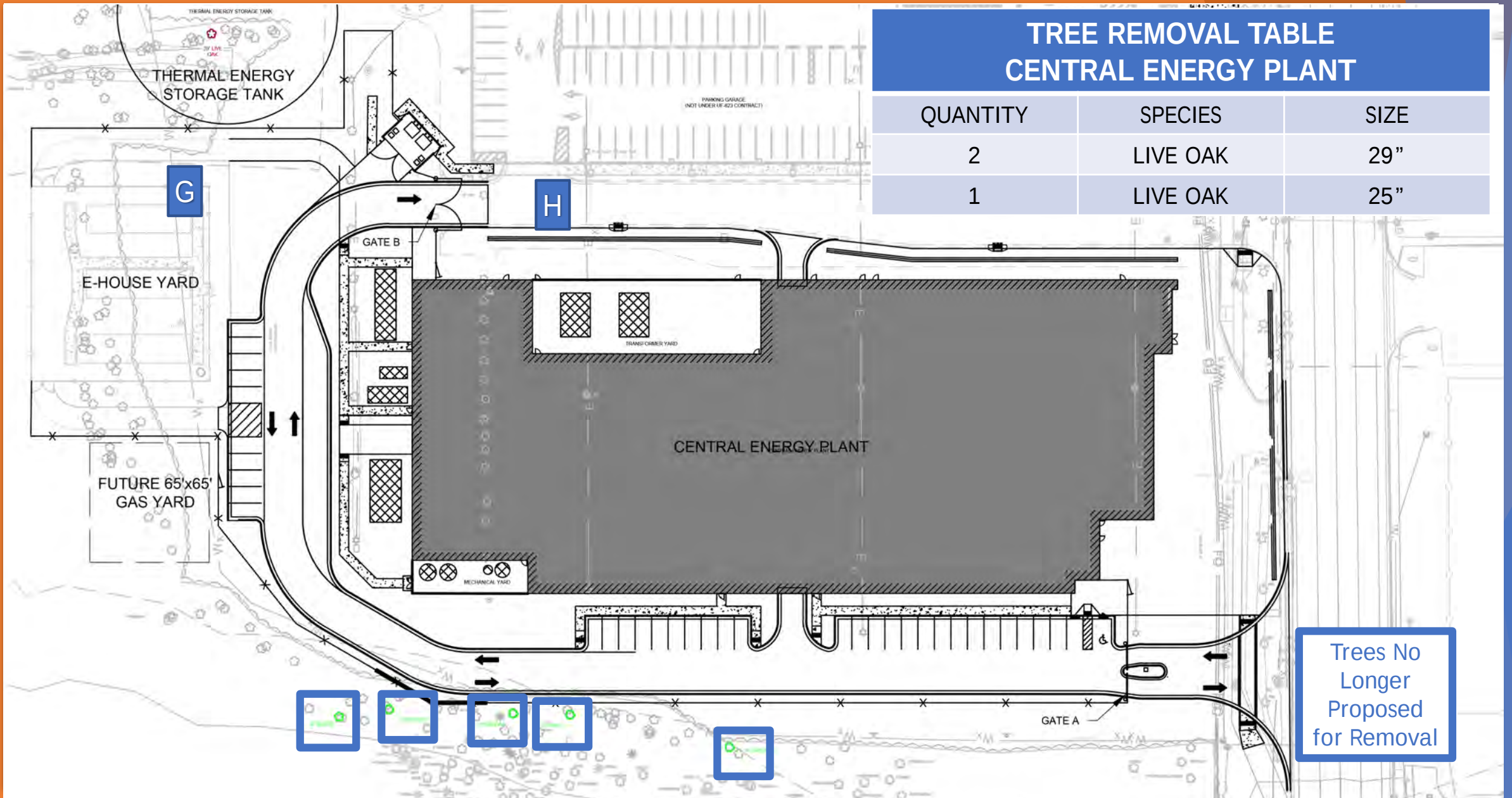
tree preservation plan - schematic design phase

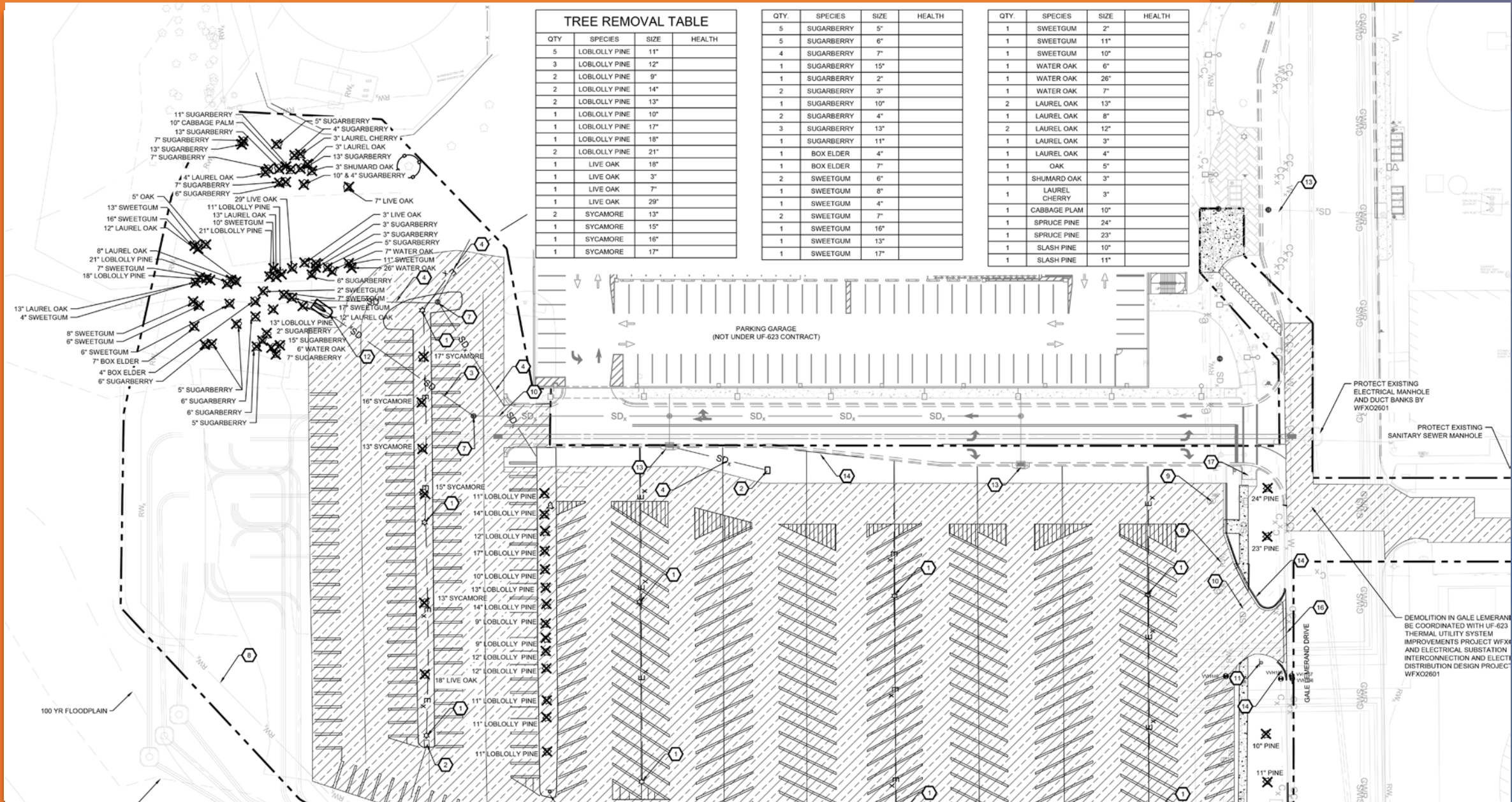


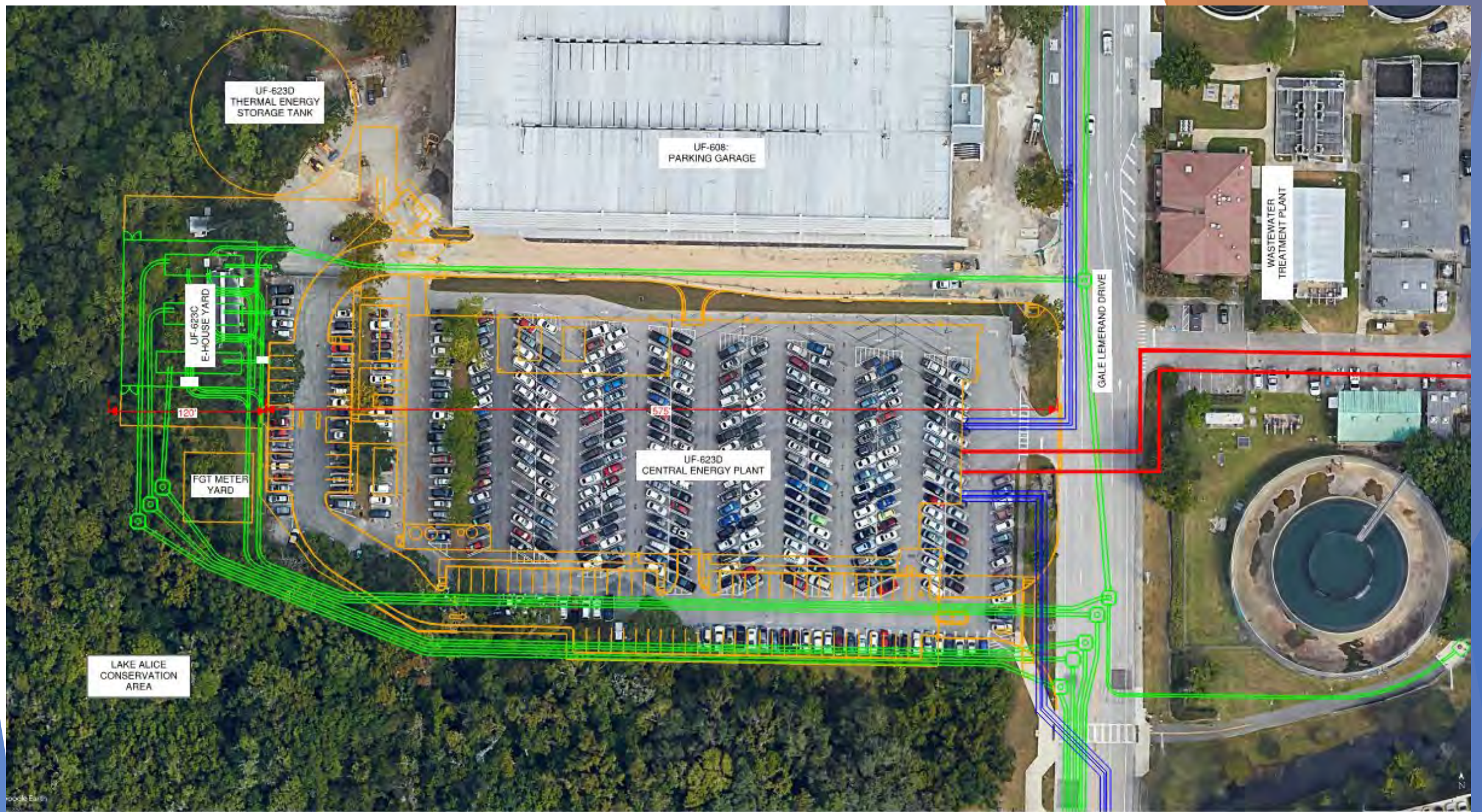
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			TOTAL	\$27,500

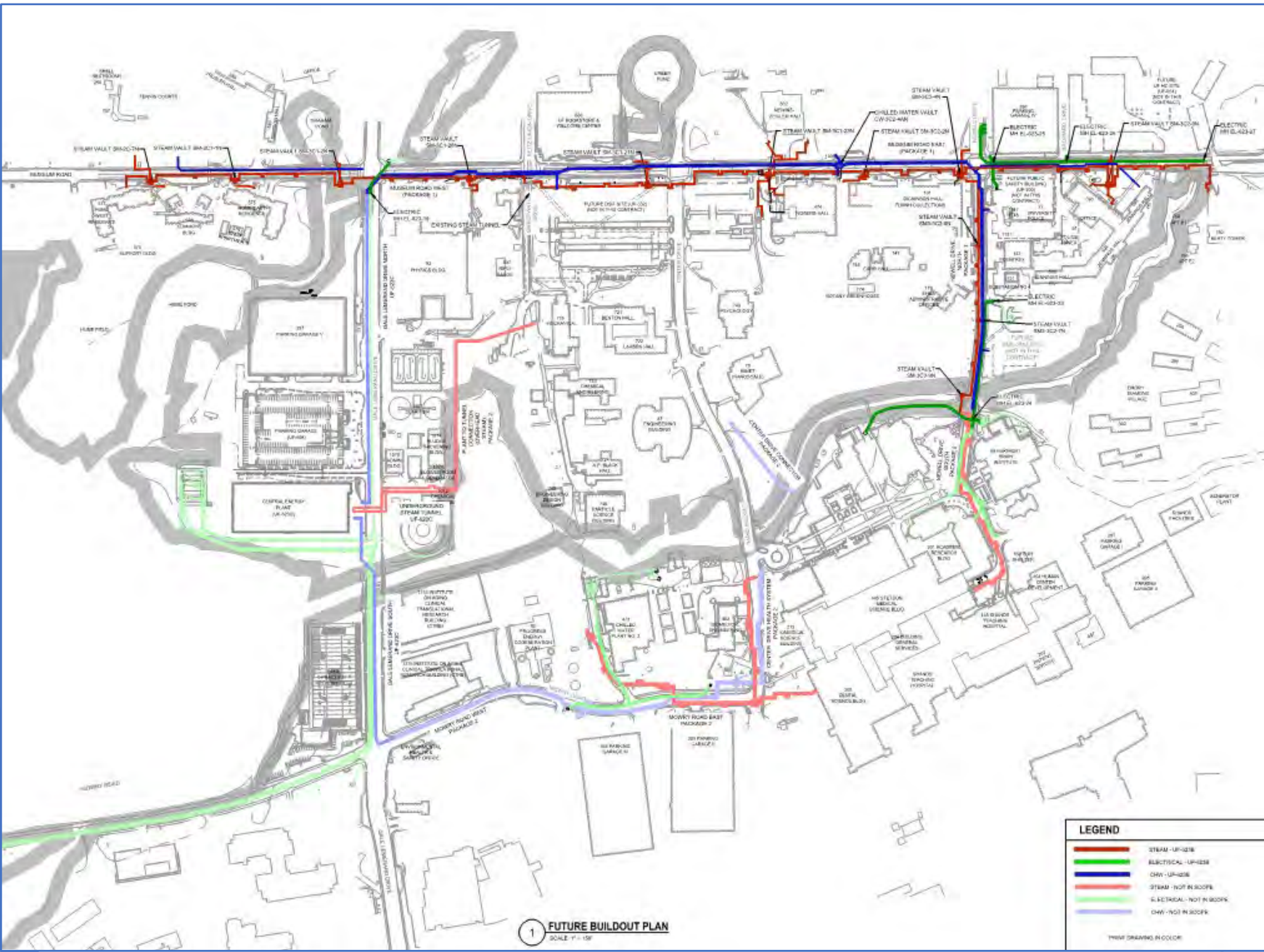
UF-623D CENTRAL ENERGY PLANT UF-623B THERMAL UTILITY INFRASTRUCTURE UF-623C ELECTRICAL UTILITY INFRASTRUCTURE

**LVL COMMITTEE PRESENTATION
OCTOBER 2020**

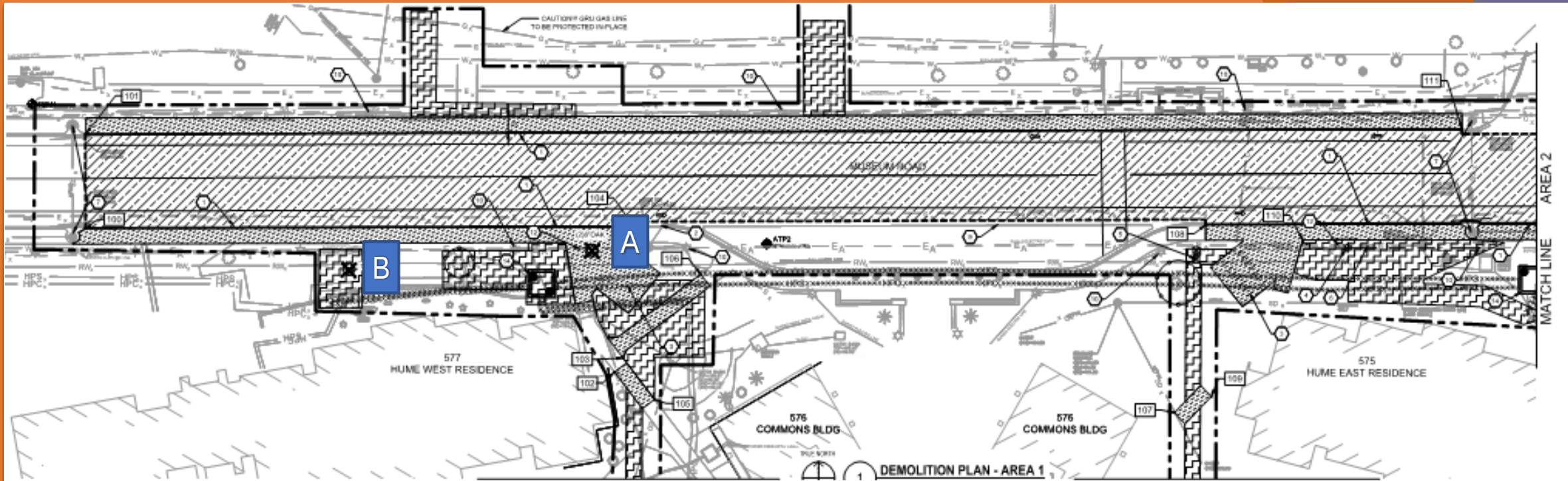








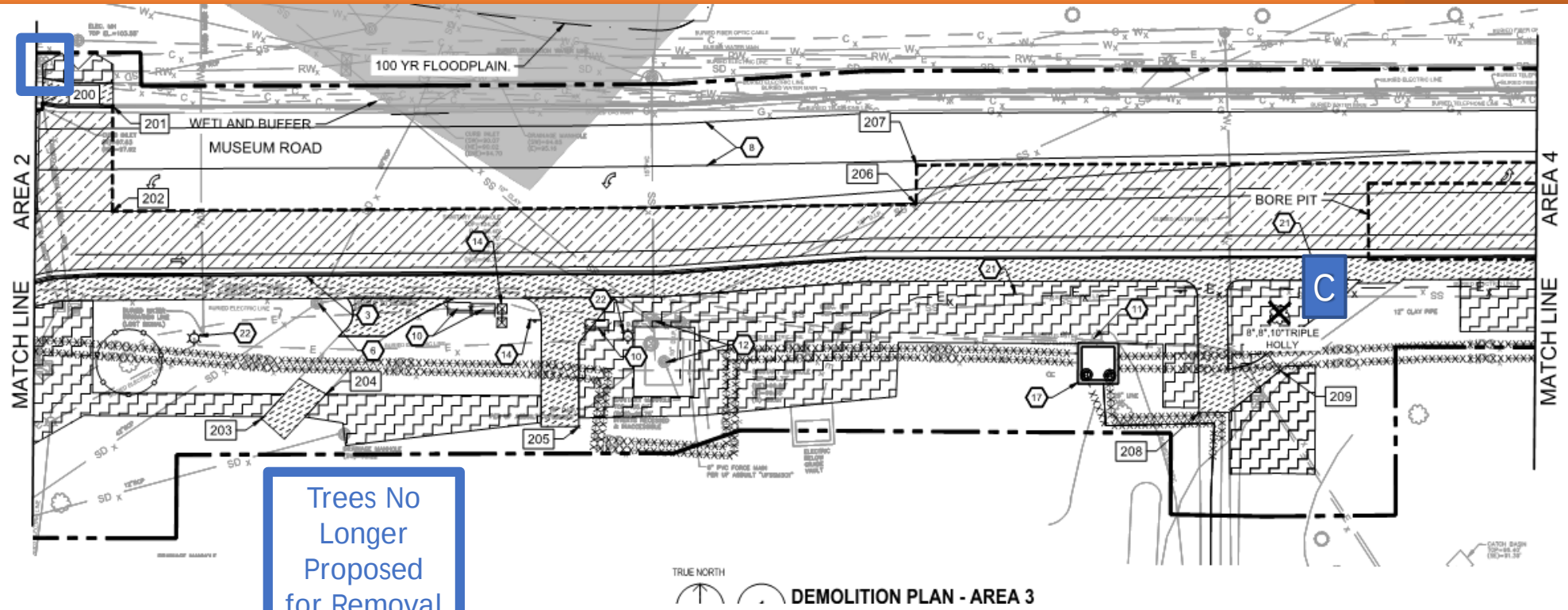
FUTURE BUILD-OUT PLAN



TREE REMOVAL TABLE DEMOLITION AREA 1 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
A	2	OAK	8"
B	1	OAK	15"

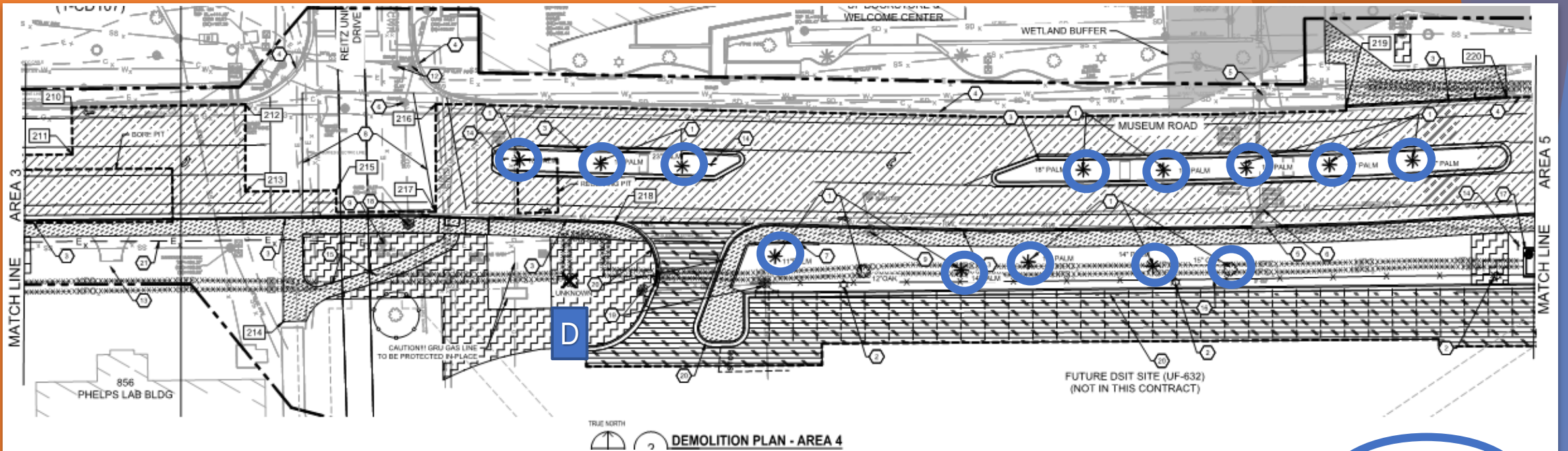




TREE REMOVAL TABLE DEMOLITION AREA 3 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
C	2	HOLLY	8"
C	1	HOLLY	10"



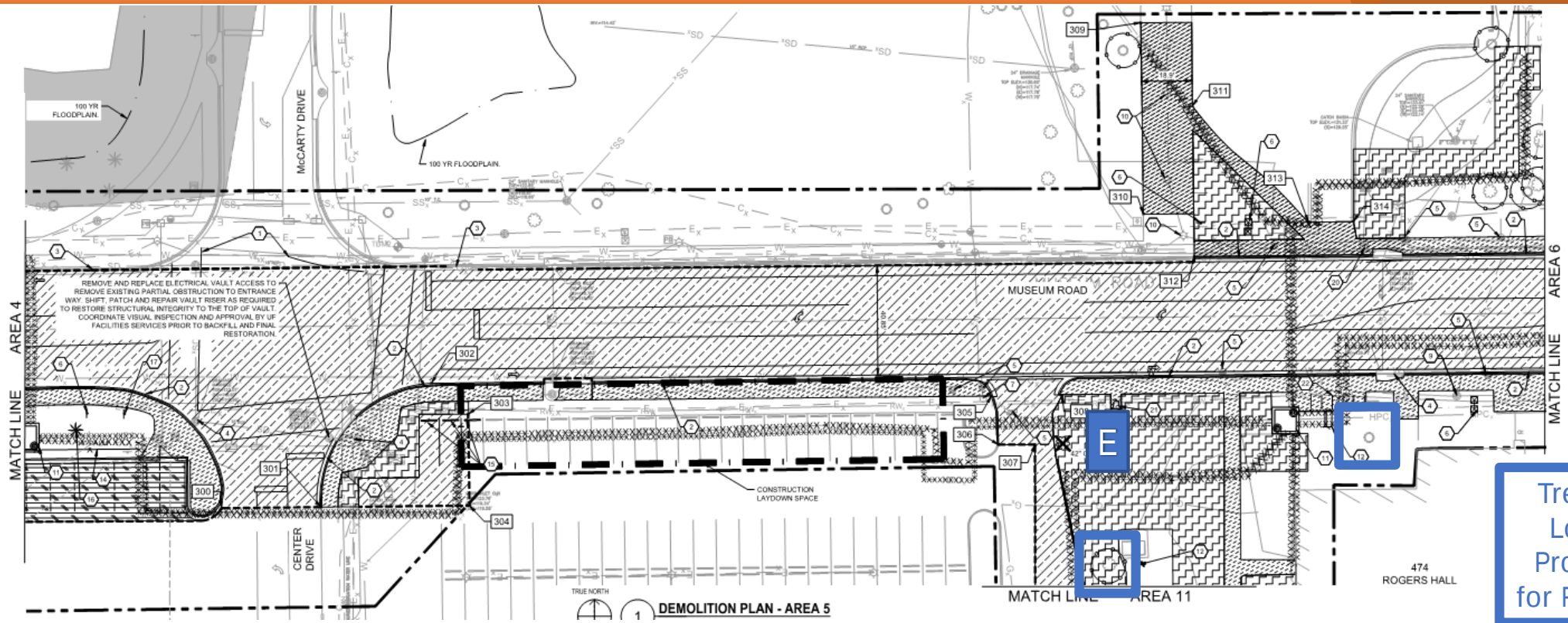


Trees to be Transplanted

TREE REMOVAL TABLE DEMOLITION AREA 4 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
D	UNK	UNK	UNK



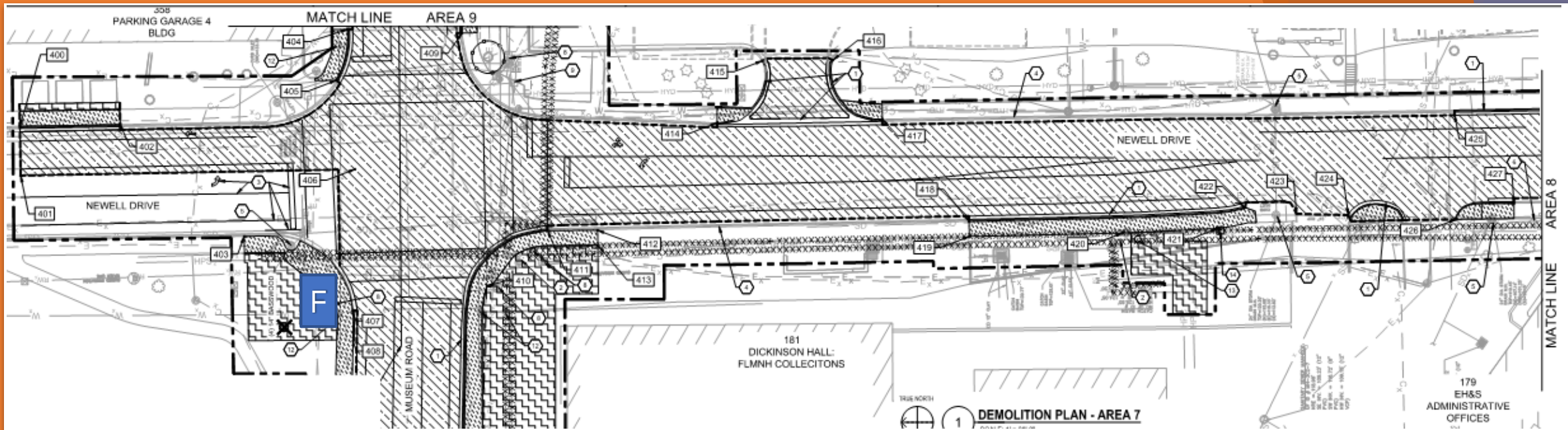


Trees No
Longer
Proposed
for Removal

TREE REMOVAL TABLE DEMOLITION AREA 5 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
E	1	OAK	42"

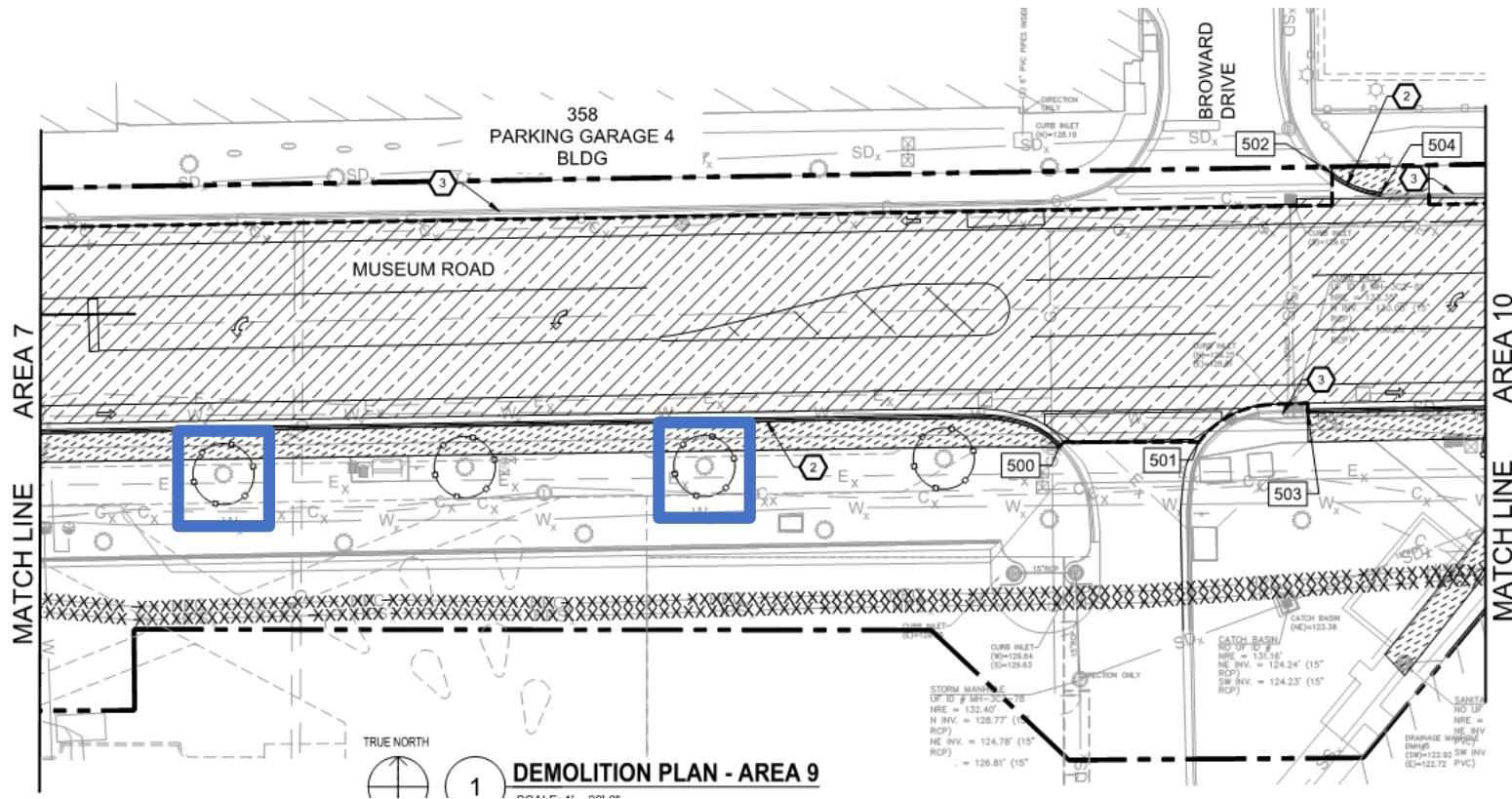




TREE REMOVAL TABLE DEMOLITION AREA 7 - NEWELL DRIVE

LOCATION ID	QUANTITY	SPECIES	SIZE
F	4	BASSWOOD	14"



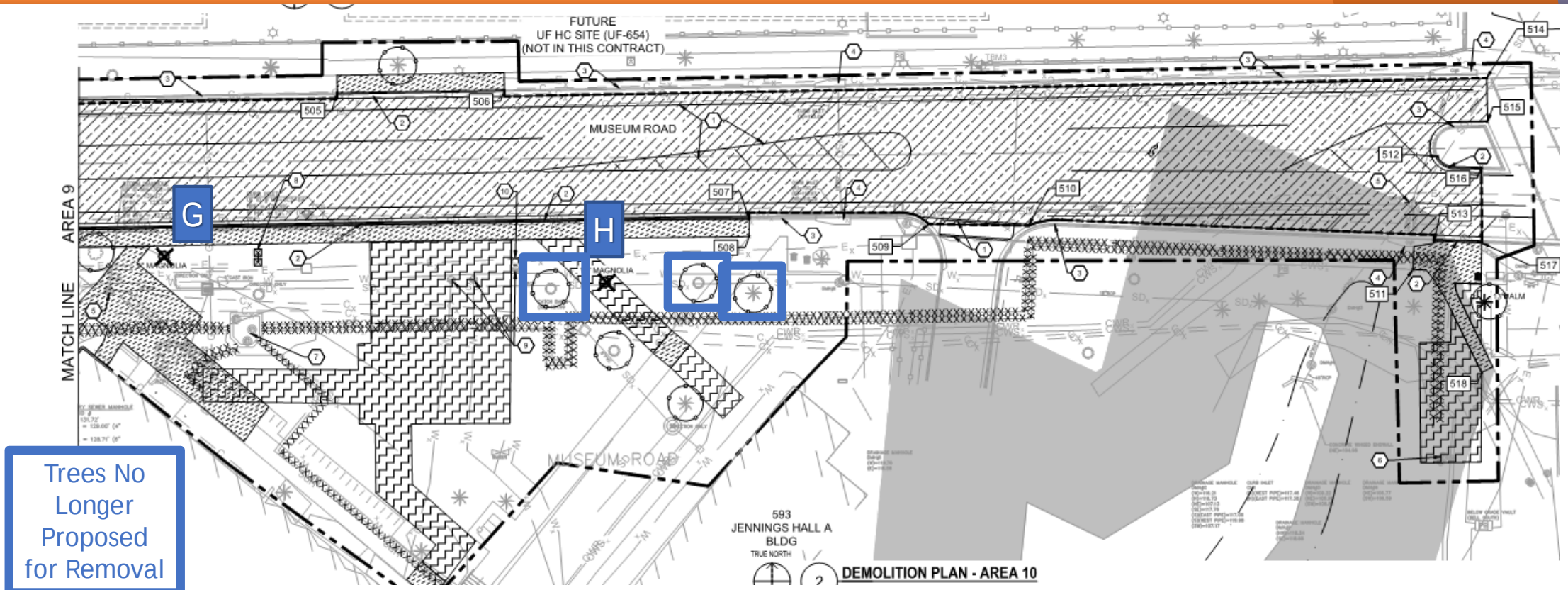


Trees No
Longer
Proposed
for Removal

TREE REMOVAL TABLE DEMOLITION AREA 9 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
(None in this area)			

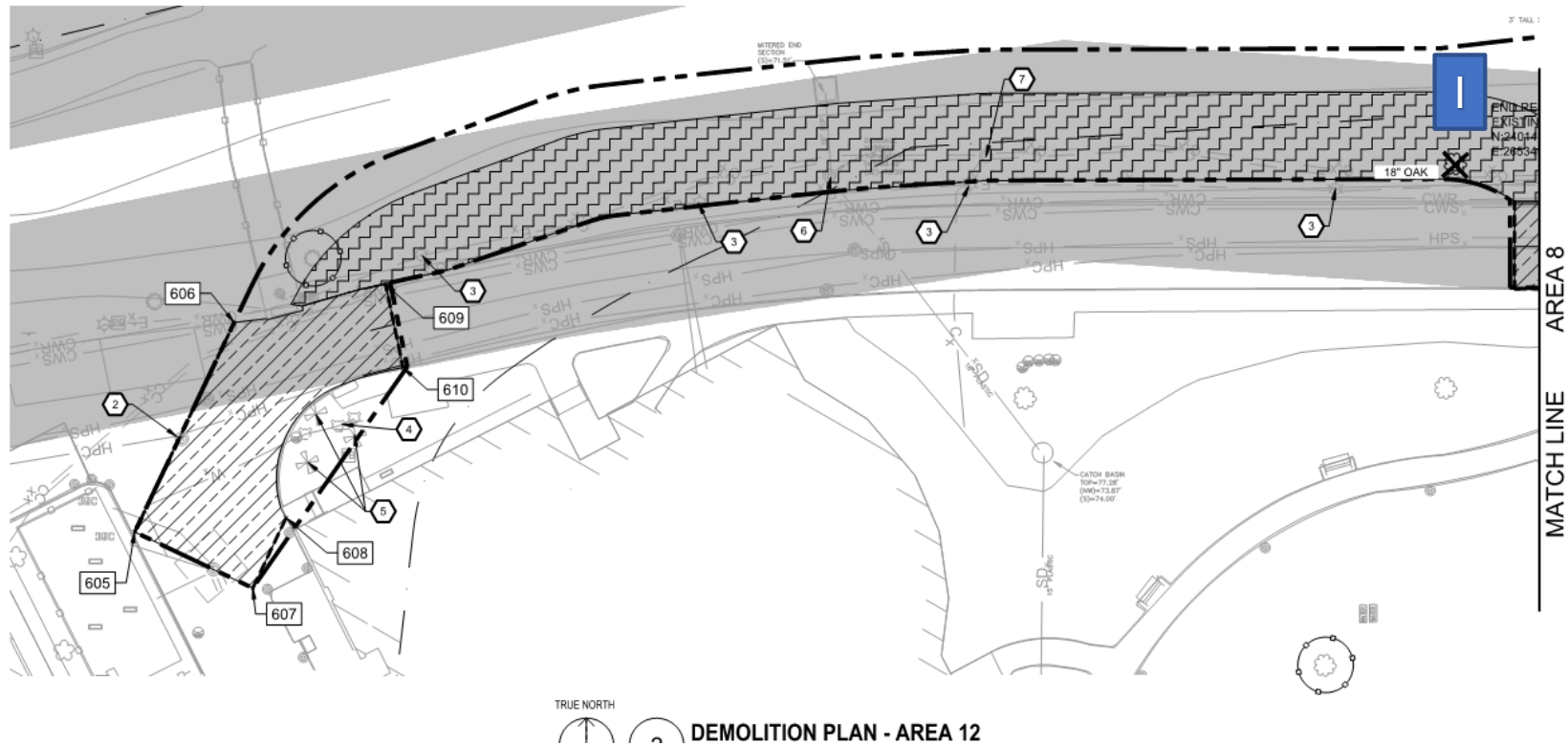




TREE REMOVAL TABLE DEMOLITION AREA 10 - MUSEUM ROAD

LOCATION ID	QUANTITY	SPECIES	SIZE
G	1	MAGNOLIA	9"
H	1	MAGNOLIA	16"





TREE REMOVAL TABLE DEMOLITION AREA 12 - NEWELL DRIVE AREA

LOCATION ID	QUANTITY	SPECIES	SIZE
I	1	OAK	18"



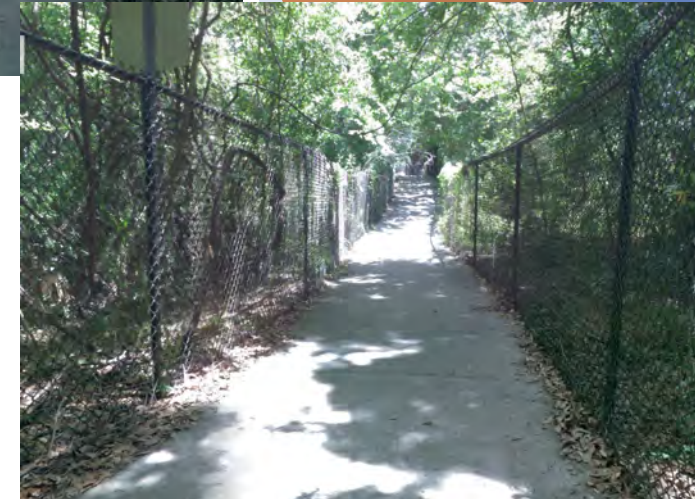
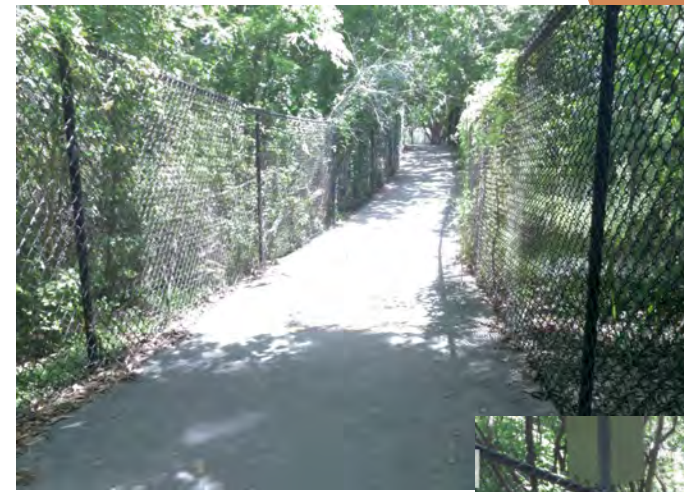
TREE REMOVAL SUMMARY TABLE

THERMAL UTILITY INFRASTRUCTURE - PACKAGE 1

LOCATION ID	LOCATION	QUANTITY	SPECIES	SIZE	HERITAGE*
A	MUSEUM ROAD AREA 1	2	OAK	8"	
B	MUSEUM ROAD AREA 1	1	OAK	15"	
C	MUSEUM ROAD AREA 3	2	HOLLY	8"	
C	MUSEUM ROAD AREA 3	1	HOLLY	10"	
D	MUSEUM ROAD AREA 4	UNK	UNK	UNK	
E	MUSEUM ROAD AREA 5	1	OAK	42"	
F	NEWELL DRIVE AREA 7	4	BASSWOOD	14"	
G	MUSEUM ROAD AREA 10	1	MAGNOLIA	9"	
H	MUSEUM ROAD AREA 10	1	MAGNOLIA	16"	
I	NEWELL DRIVE AREA AREA 12	1	OAK	18"	

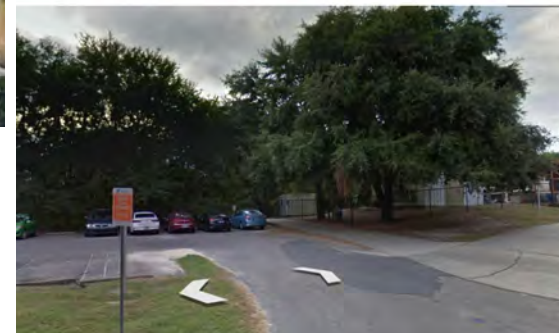
*Heritage trees are defined by University of Florida as a canopy species measuring 20" or more in diameter (DBH) except for Water Oaks, Laurel Oaks, Loblolly Pines, Sugarberry and Sweetgums that shall be classified as heritage trees at 30" diameter DBH. Understory species are considered heritage at 15" diameter DBH.

OVERHEAD PIPE RACK

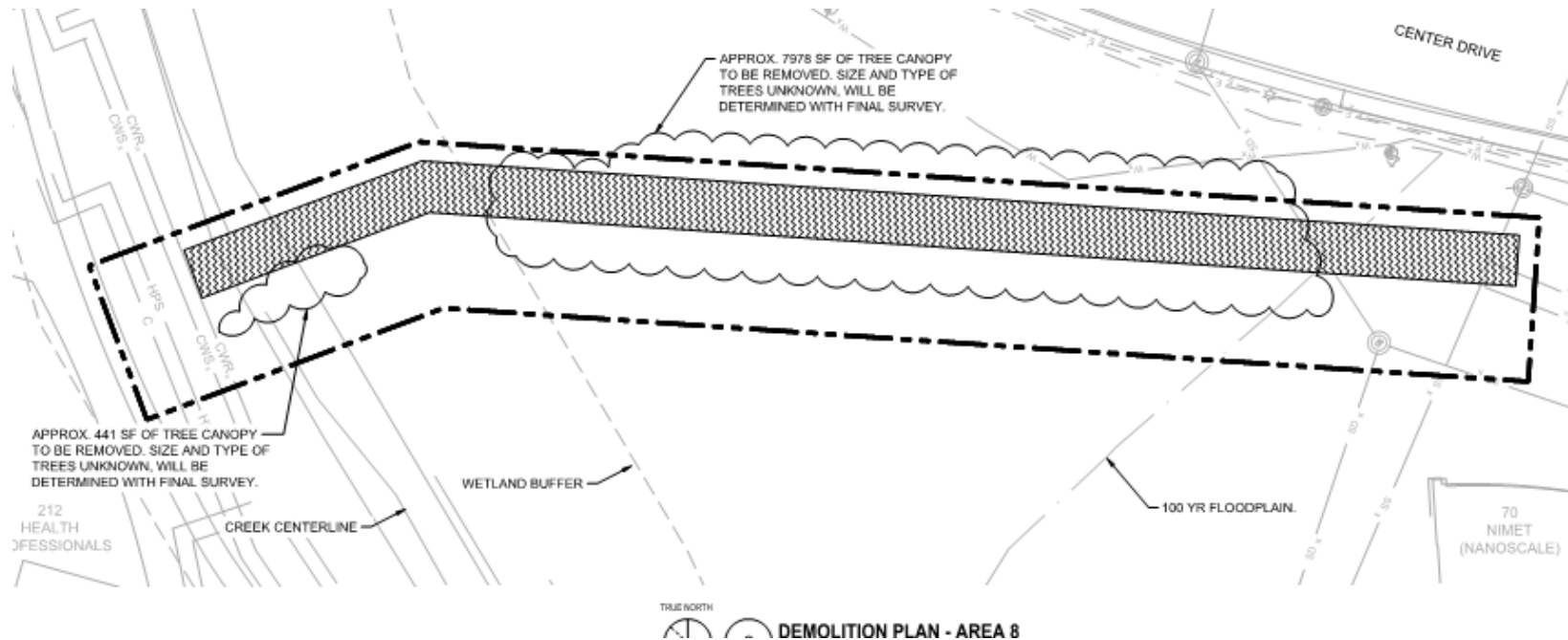


Street View of Engineering Design Parking Lot Entrance

Street View of Chemical Engineering Digester Building



Tree impacts yet to be determined

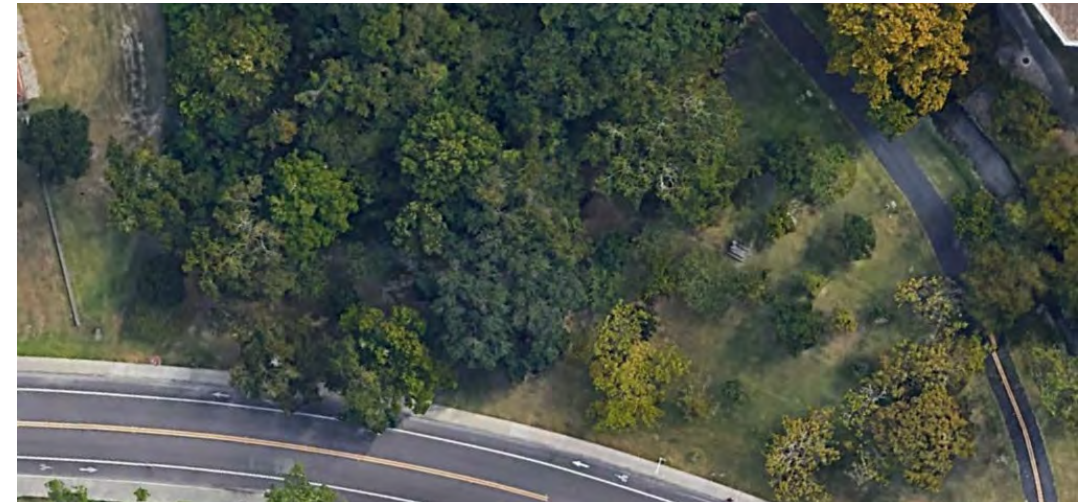


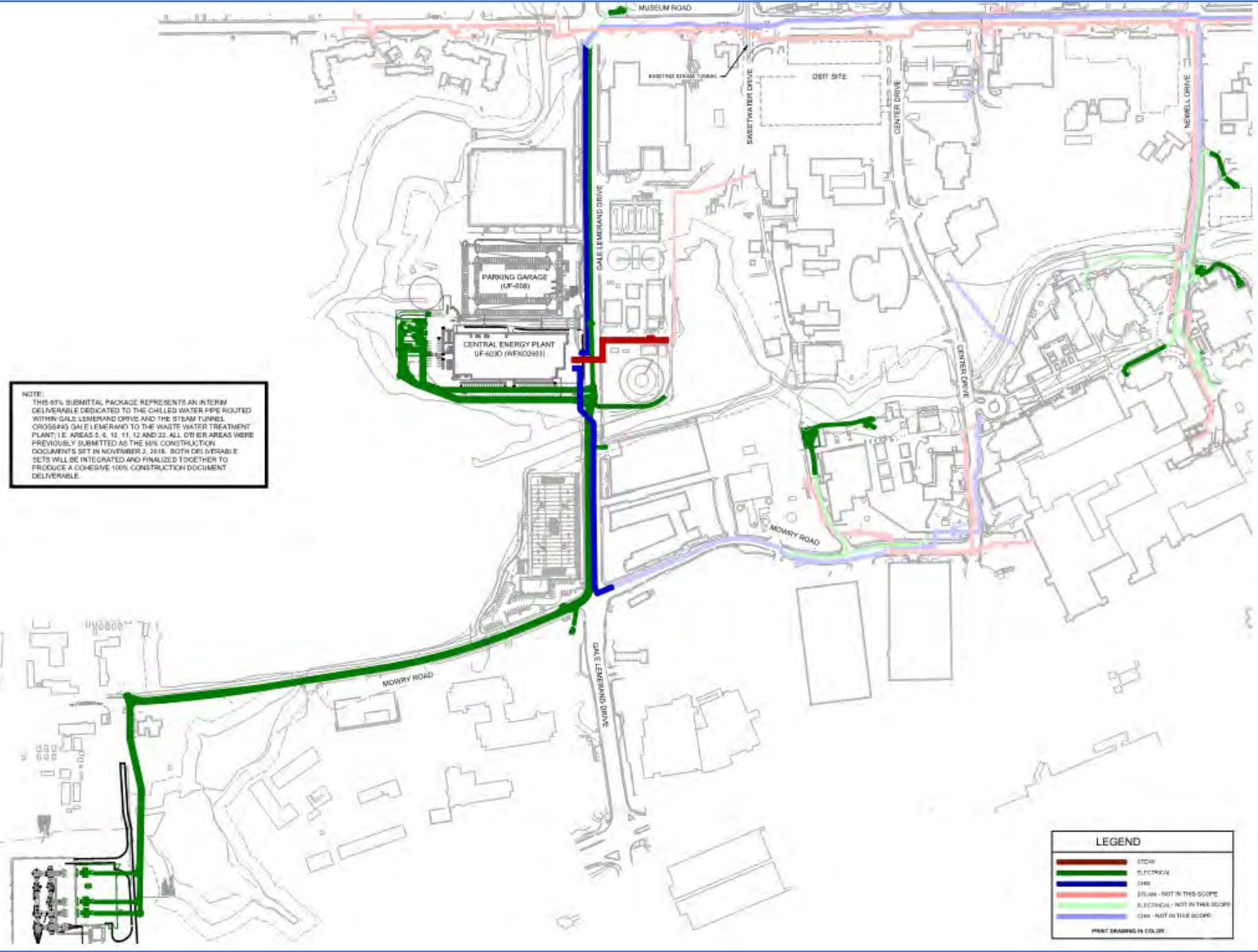
TREE REMOVAL TABLE

THERMAL UTILITY INFRASTRUCTURE - PACKAGE 2 (SCHEMATIC DESIGN)

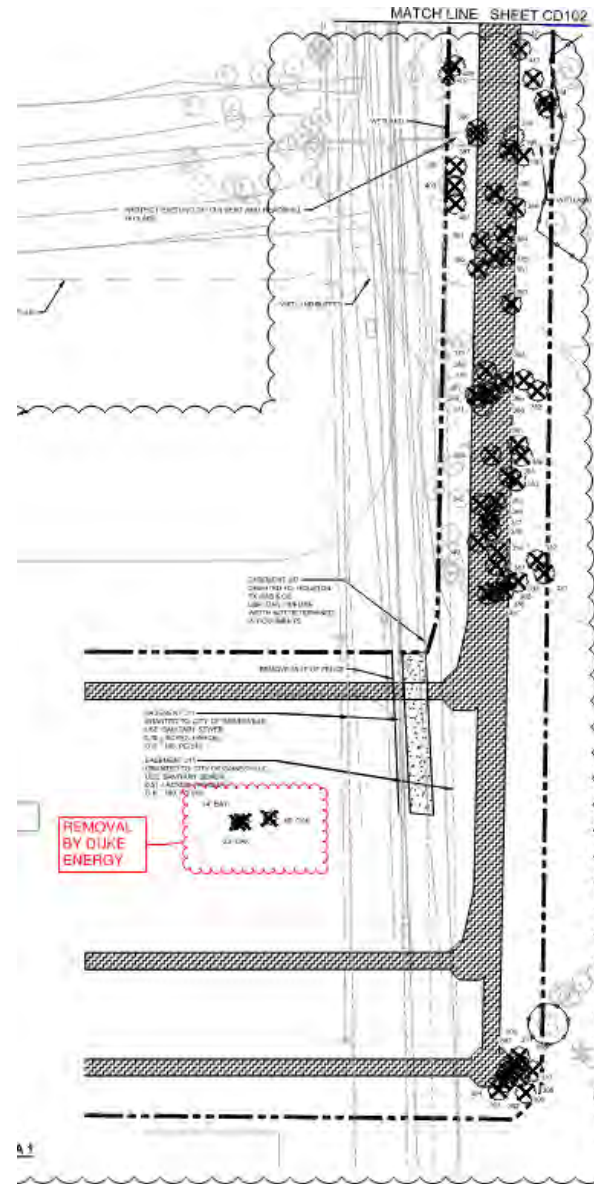
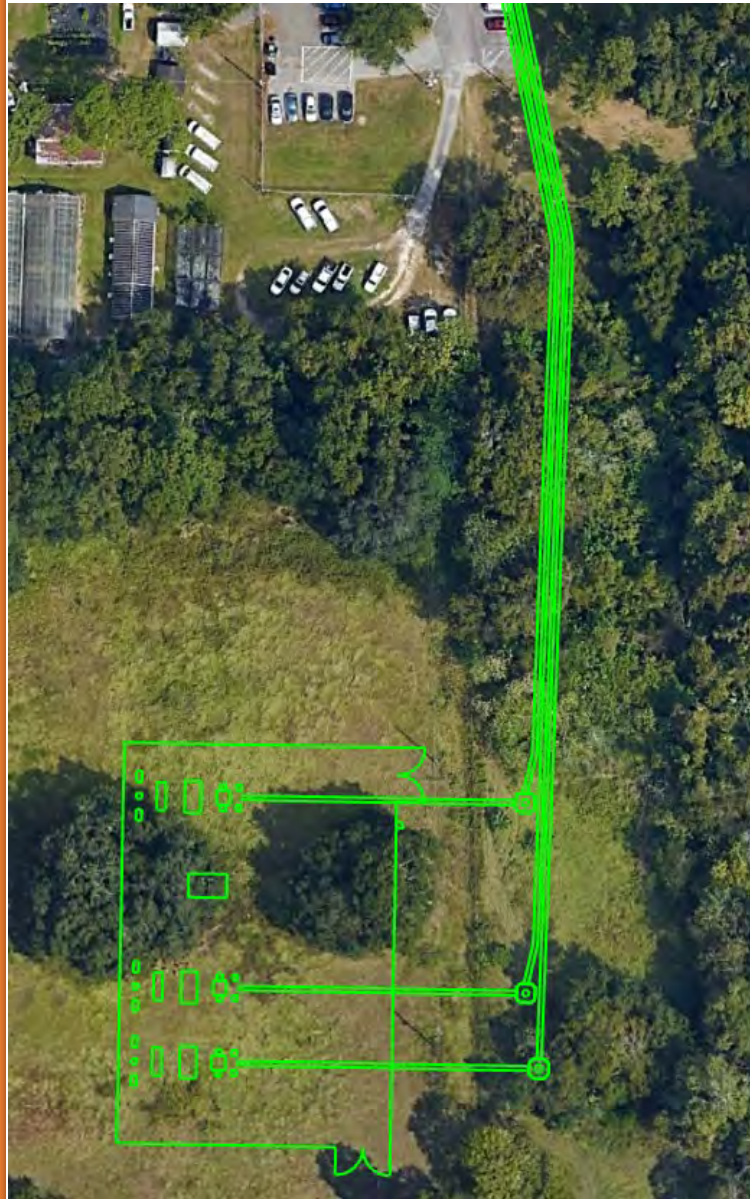
DEMOLITION AREA 8 - CENTER DRIVE AREA

LOCATION ID	QUANTITY	SPECIES	SIZE
TBD	TBD	TBD	Approximately 8,500 SF of tree canopy to be removed





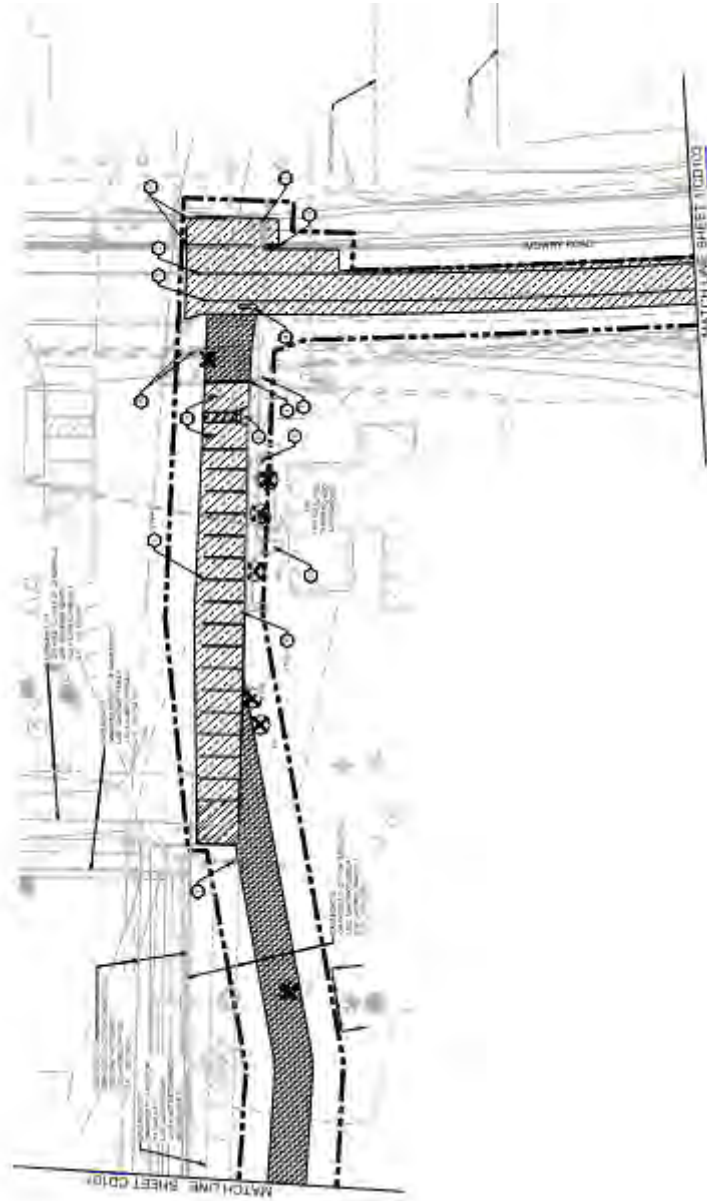
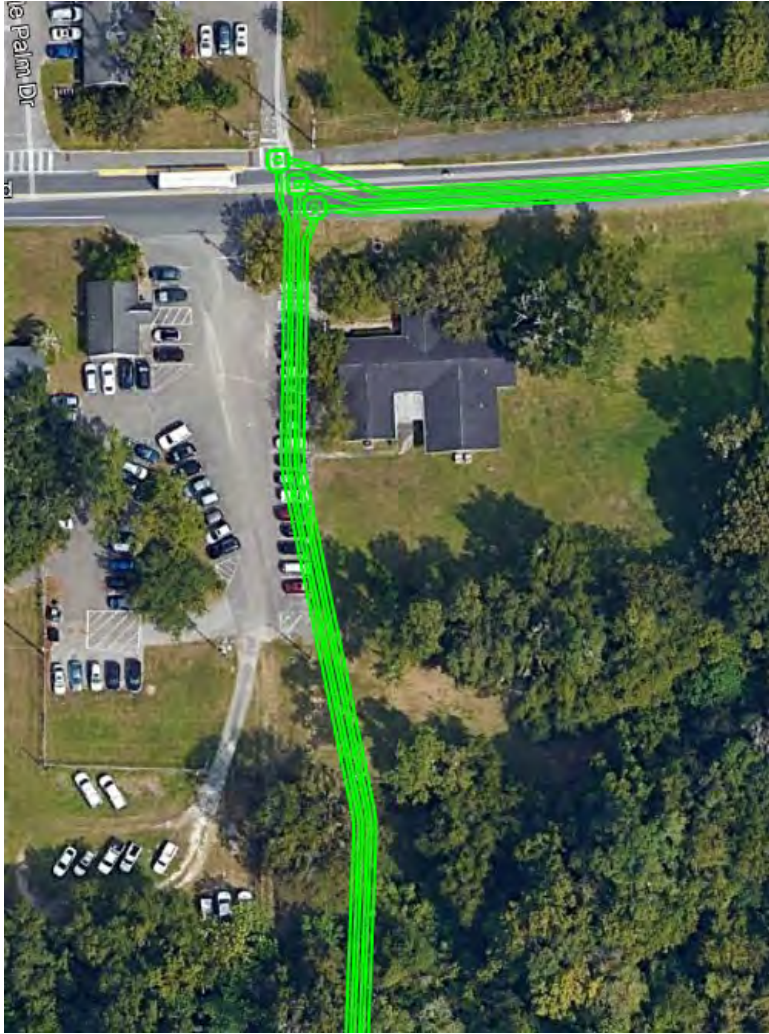
FUTURE BUILD-OUT PLAN



TREE REMOVAL TABLE				
POINT	QTY.	SPECIES	SIZE	HEALTH
302	1	LAUREL CHERRY	15"	
303	1	LAUREL CHERRY	4"	
304	1	SUGARBERRY	6"	
305	1	LAUREL CHERRY	10"	
306	1	SUGARBERRY	5"	
307	1	SUGARBERRY	7"	
308	1	SUGARBERRY	6"	
309	1	SUGARBERRY	5"	
310	1	SUGARBERRY	6"	
311	1	MULBERRY	6"	
331	1	MULBERRY	4"	
332	1	MULBERRY	4"	
333	1	MULBERRY	4"	
336	1	MULBERRY	5"	
336	1	MULBERRY	6"	
337	1	MULBERRY	5"	
345	1	MULBERRY	15"	
346	1	MULBERRY	4"	
347	1	MULBERRY	5"	
348	1	MULBERRY	7"	
349	1	MULBERRY	5"	
350	1	MULBERRY	5"	
351	1	MULBERRY	4"	
352	1	SUGARBERRY	4"	
353	1	SUGARBERRY	5"	
354	1	MULBERRY	5"	
355	1	SUGARBERRY	4"	
360	1	LAUREL CHERRY	5"	
361	1	LAUREL CHERRY	11"	
363	1	SUGARBERRY	6"	
364	1	SUGARBERRY	4"	
365	1	SUGARBERRY	7"	
366	1	SUGARBERRY	5"	
367	1	SUGARBERRY	17"	
368	1	SUGARBERRY	7"	
369	1	SUGARBERRY	11"	
370	1	SUGARBERRY	10"	
371	1	LAUREL CHERRY	15"	
375	1	SUGARBERRY	8"	
380	1	MULBERRY	5"	
381	1	SUGARBERRY	9"	
382	1	SUGARBERRY	8"	
383	1	SWEETGUM	19"	
384	1	SUGARBERRY	5"	
385	1	SUGARBERRY	4"	
386	1	MULBERRY	8"	
388	1	MULBERRY	4"	

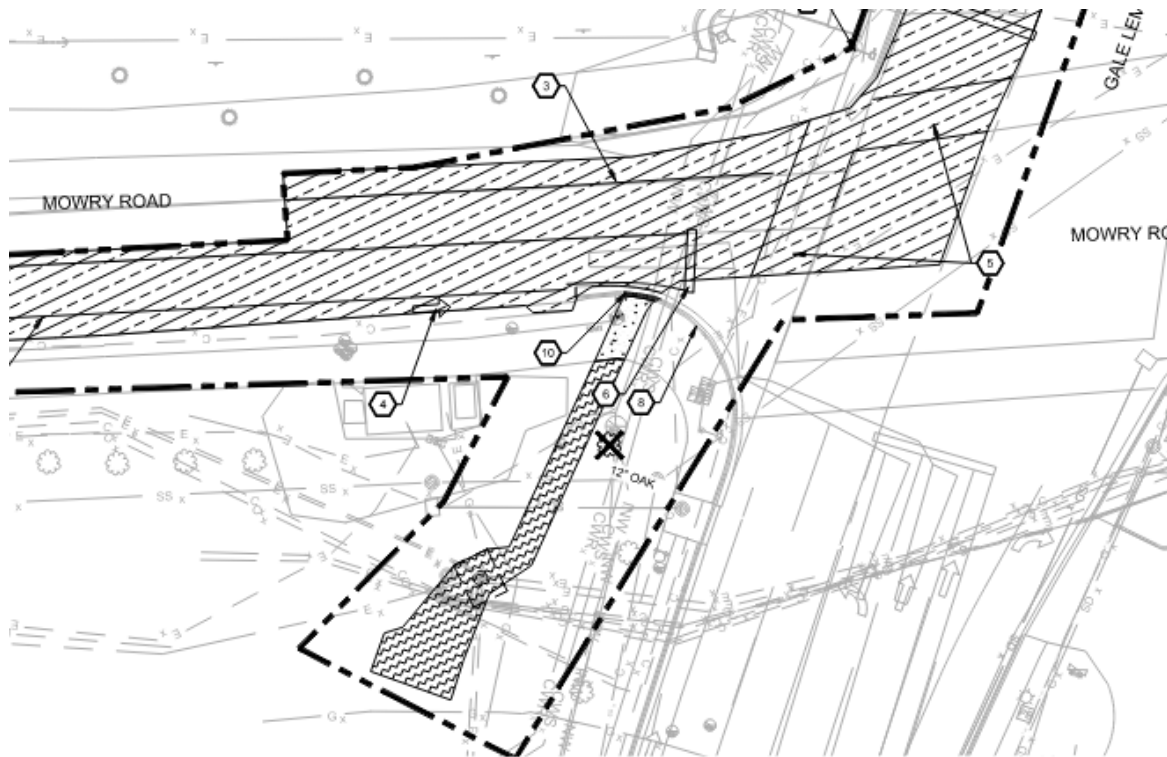
POINT	QTY.	SPECIES	SIZE	HEALTH
394	1	CHERRY LAUREL	5"	
395	1	MULBERRY	5"	
396	1	MAPLE	7"	
397	1	SUGARBERRY	4"	
398	1	MULBERRY	9"	
399	1	MULBERRY	5"	
401	1	SUGARBERRY	15"	
403	1	SUGARBERRY	10"	
407	1	SUGARBERRY	7"	
409	1	SUGARBERRY	4"	
412	1	LAUREL CHERRY	4"	
413	1	CHERRY LAUREL	11"	
414	1	MAPLE	11"	
415	1	MAPLE	5"	
1	1	SNY	14	
1	1	SNY	20	
1	1	SNY	30	

DEMOLITION
PLAN AREA 1



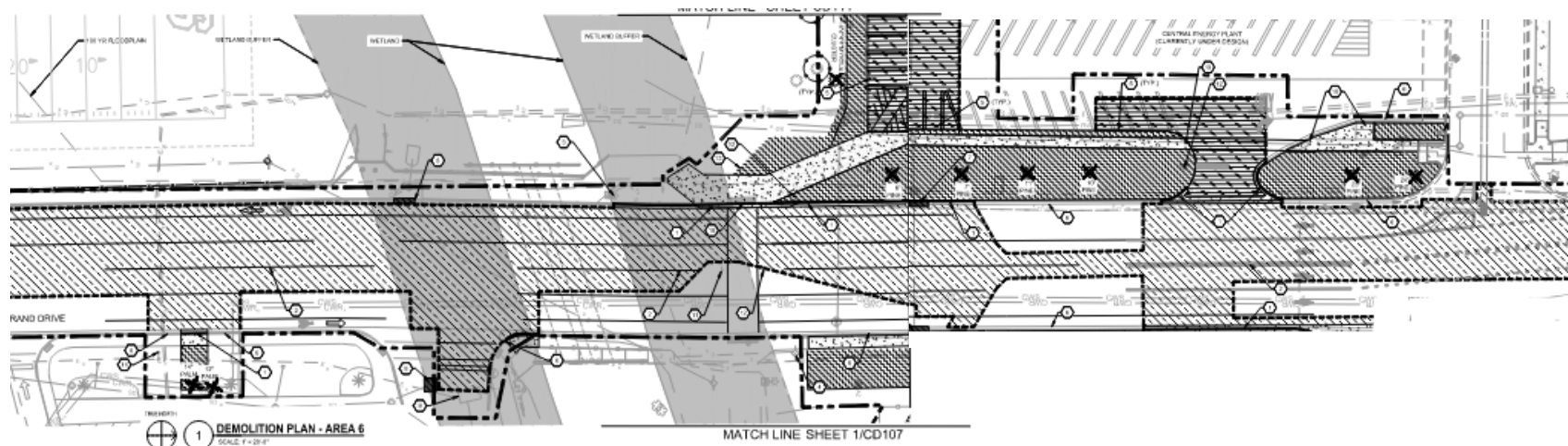
TREE REMOVAL TABLE				
POINT	QTY.	SPECIES	SIZE	HEALTH
425	1	PALM	12"	
434	1	SWEET GUM	18"	
435	1	SWEET GUM	24"	
436	1	CHERRY LAUREL	14"	
437	1	CRAPE MYRTLE	8"	
438	1	CRAPE MYRTLE	10"	
439	1	CRAPE MYRTLE	15"	

DEMOLITION
PLAN AREA 2



TREE REMOVAL TABLE			
QTY.	SPECIES	SIZE	HEALTH
1	OAK	12"	

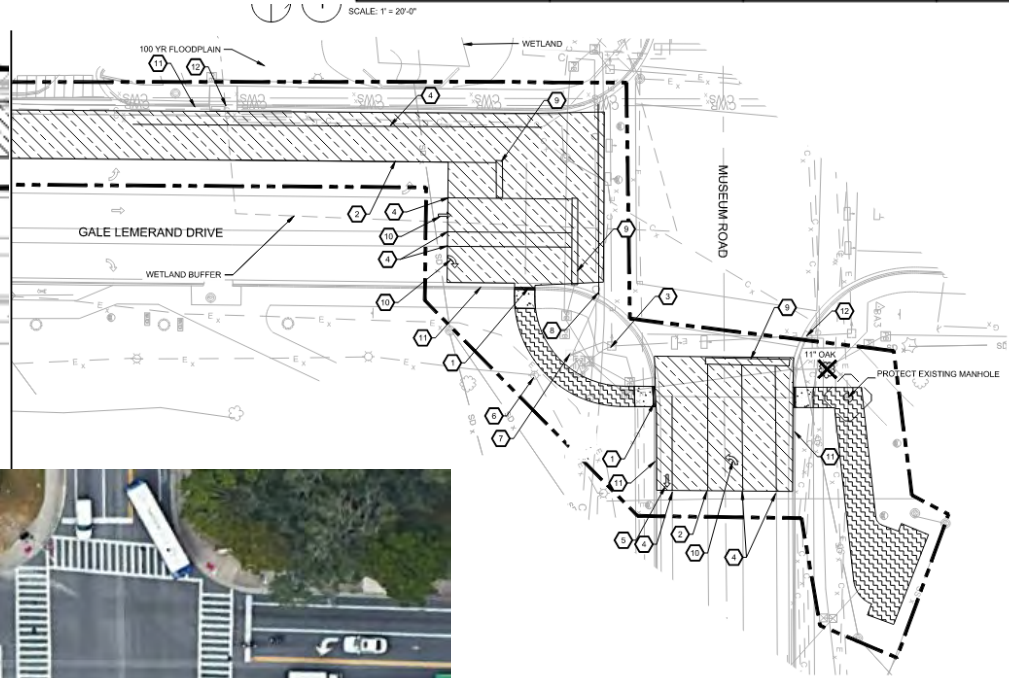
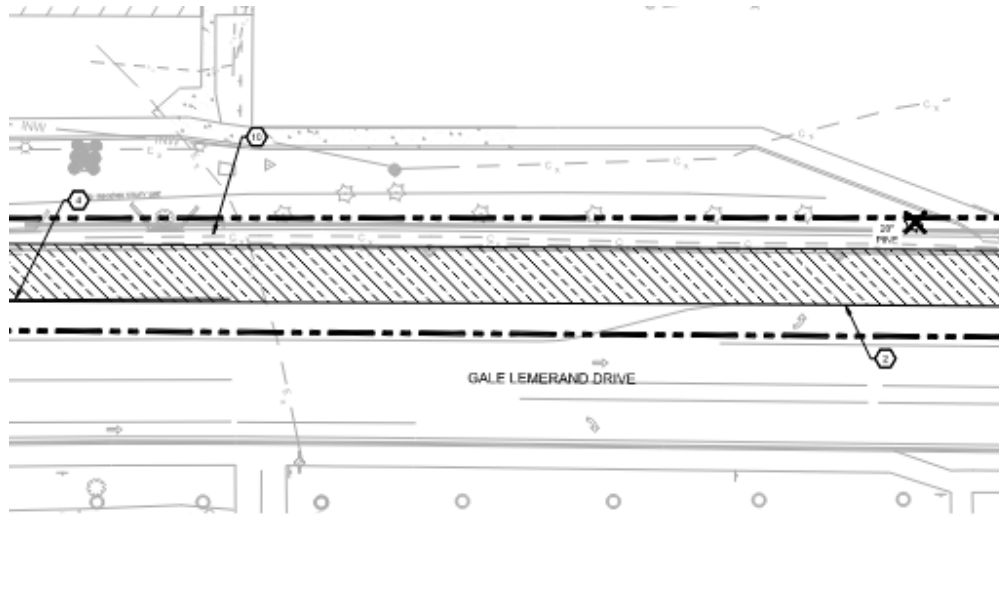
DEMOLITION PLAN AREA 5



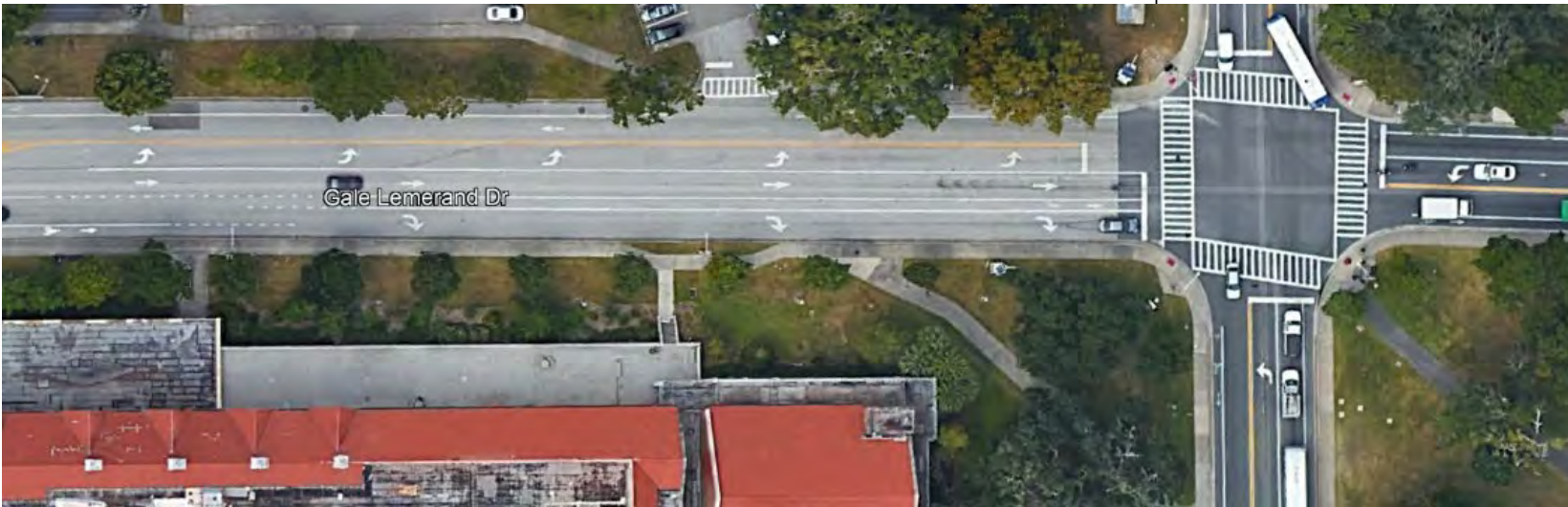
TREE REMOVAL TABLE			
QTY.	SPECIES	SIZE	HEALTH
1	PINE	7"	
1	PINE	6"	
1	PINE	11"	
4	WAX MYRTLE CLUSTER	4"	
1	PINE	10"	
1	PALM	12"	
1	PALM	14"	
1	PINE	23"	
1	PINE	24"	



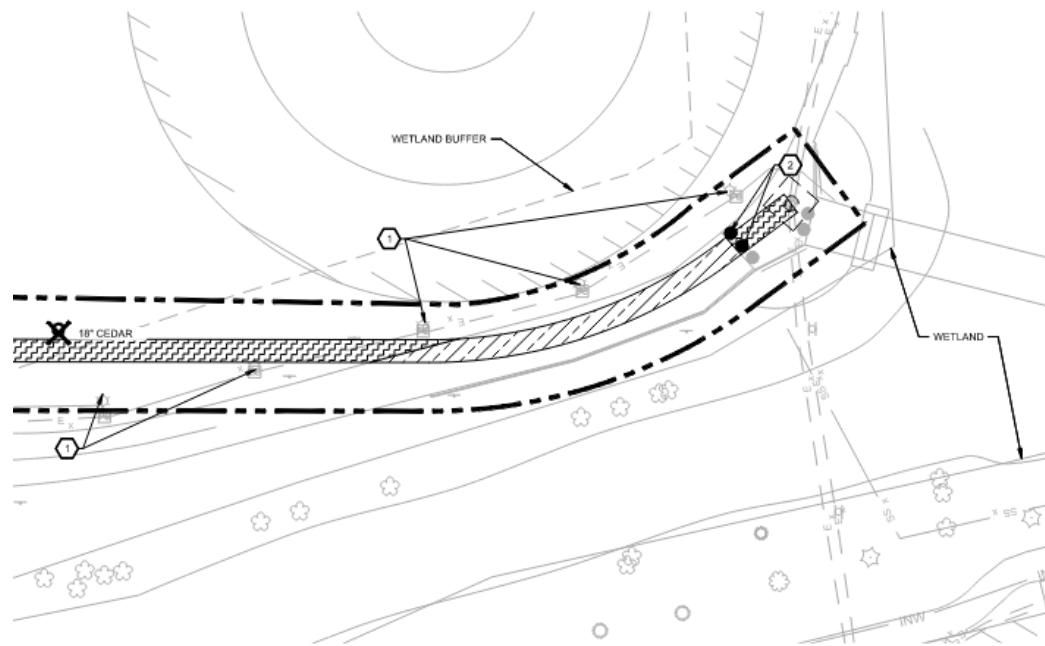
DEMOLITION PLAN AREA 6 AND 10



TREE REMOVAL TABLE			
QTY.	SPECIES	SIZE	HEALTH
1	PINE	20"	
1	OAK	11"	



DEMOLITION PLAN AREA 8 & 9

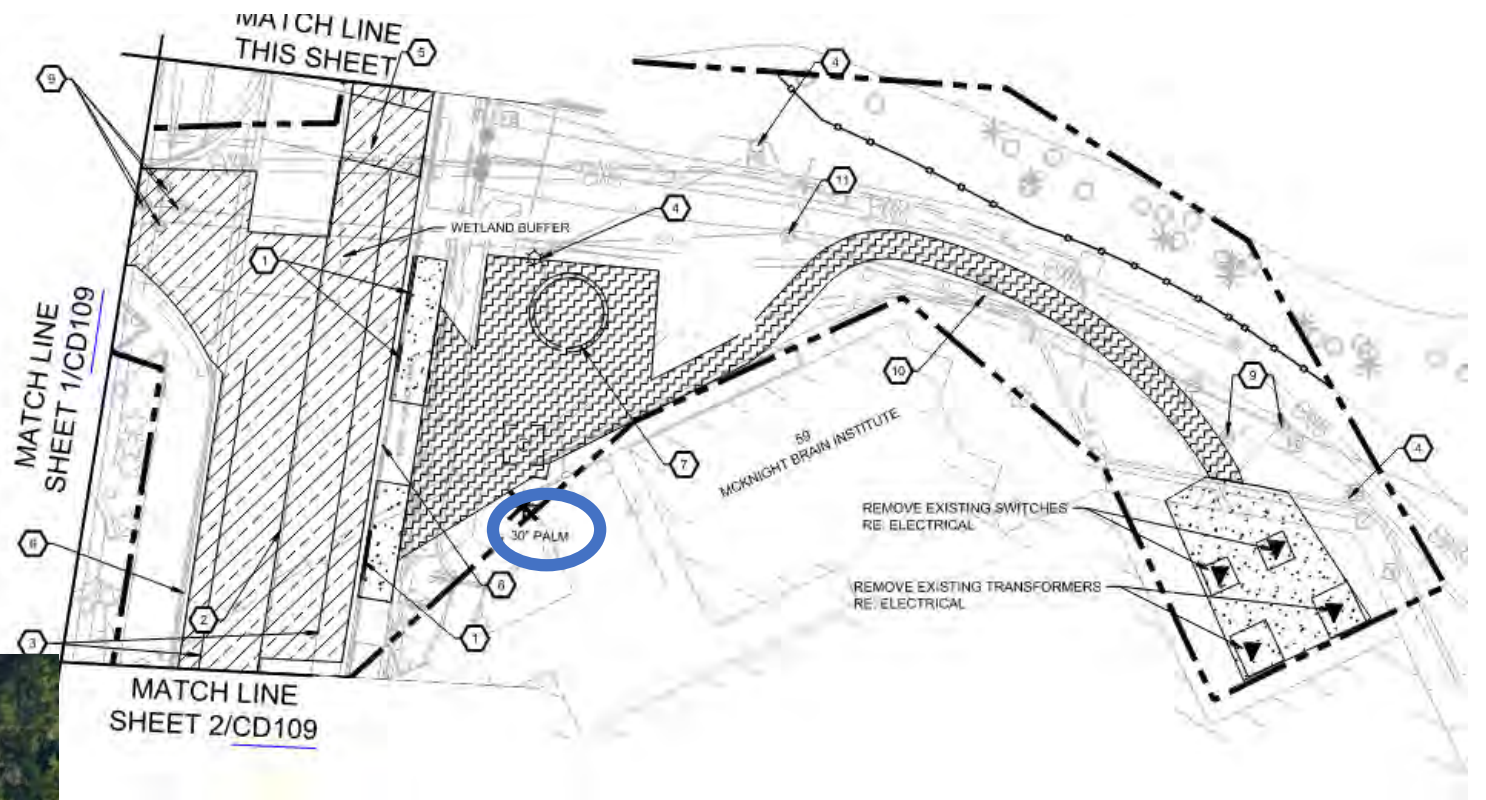


TREE REMOVAL TABLE			
QTY.	SPECIES	SIZE	HEALTH
1	CEDAR	18"	



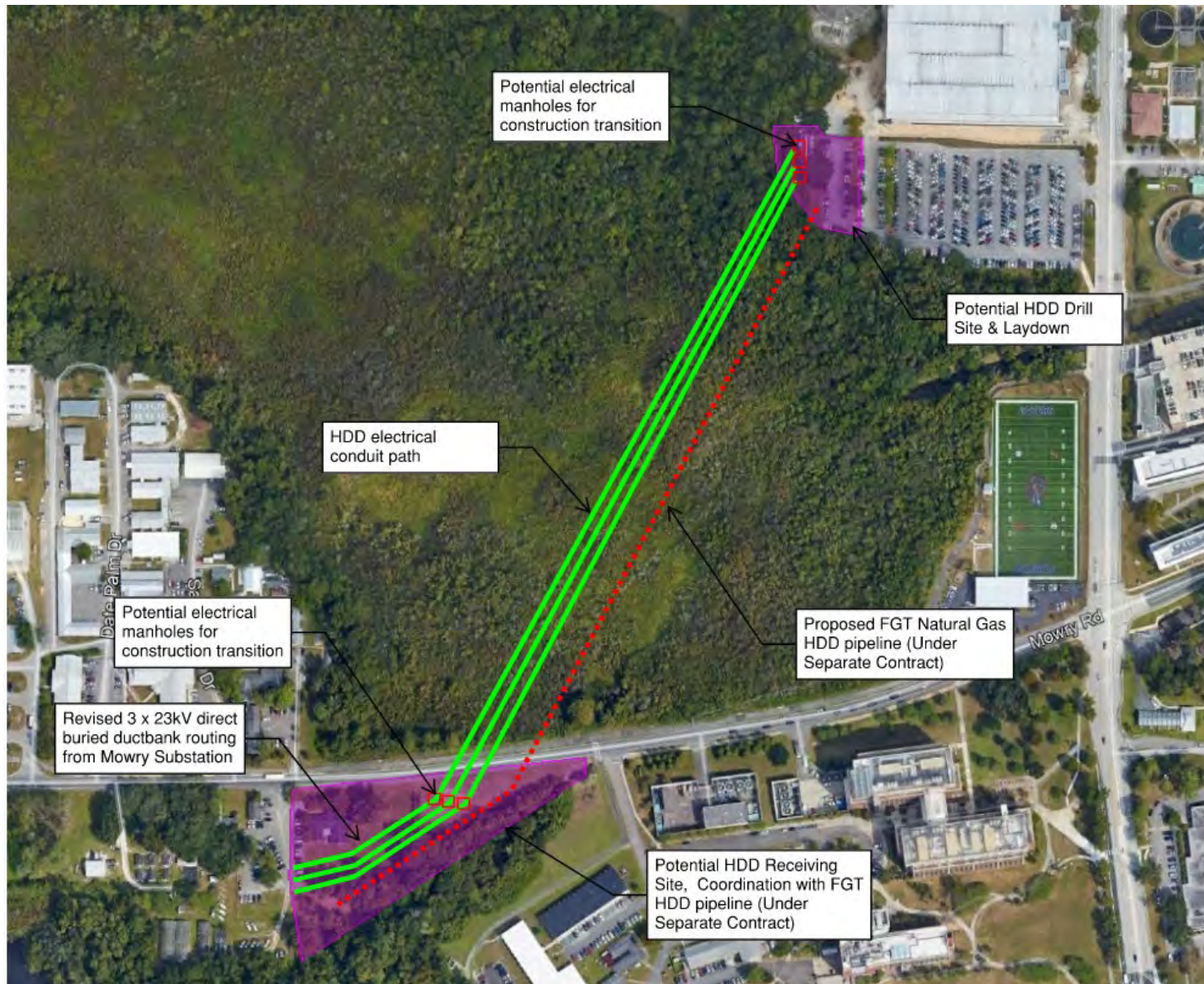
DEMOLITION PLAN AREA 11

Trees to be Transplanted



TREE REMOVAL TABLE			
QTY.	SPECIES	SIZE	HEALTH
1	PALM	30"	

DEMOLITION PLAN AREA 17



QUESTIONS?

UF640

Blueberry Building

Sean R. Mountain

Project Manager

UF IFAS Facilities Planning & Operations

Lakes, Vegetation and Landscaping Committee Presentation

Project Specifics

- Project is currently in construction document phase
- Building is approximately 9,803 gsf and will contain state of the art research labs, teaching lab, and classroom
- No trees will be removed as part of this project scope – new trees are planned for the north side of the building

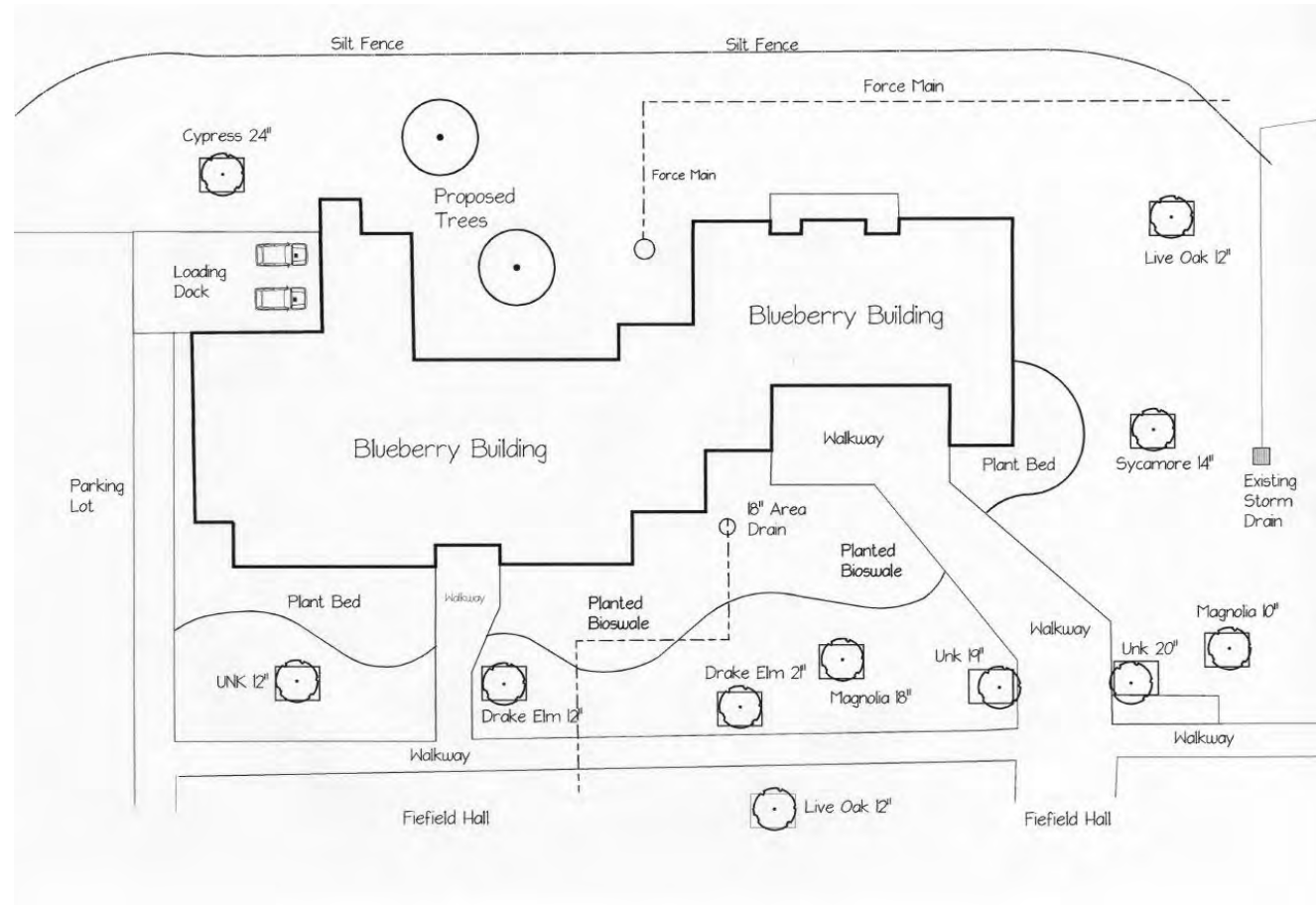
Aerial view of building area



Floor plan



Preliminary landscape plan



UF640

Blueberry Building

Conclusion

Questions?

UNIVERSITY OF FLORIDA

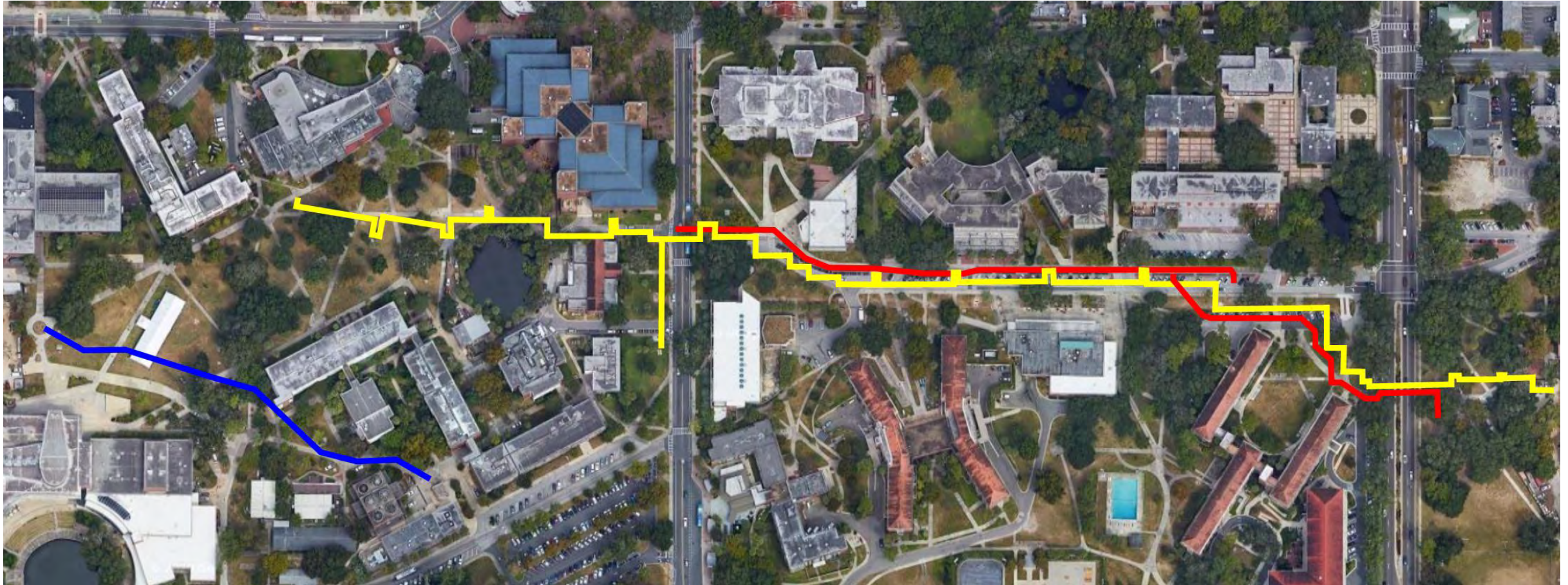
REITZ UNION LAWN INNER ROAD IMPROVEMENTS
UF PROJECT NOS. UF-644, UF-644A, UF-644B
DESIGN DEVELOPMENT PHASE



RMF Engineering
Reliability. Efficiency. Integrity.

OCTOBER 2020

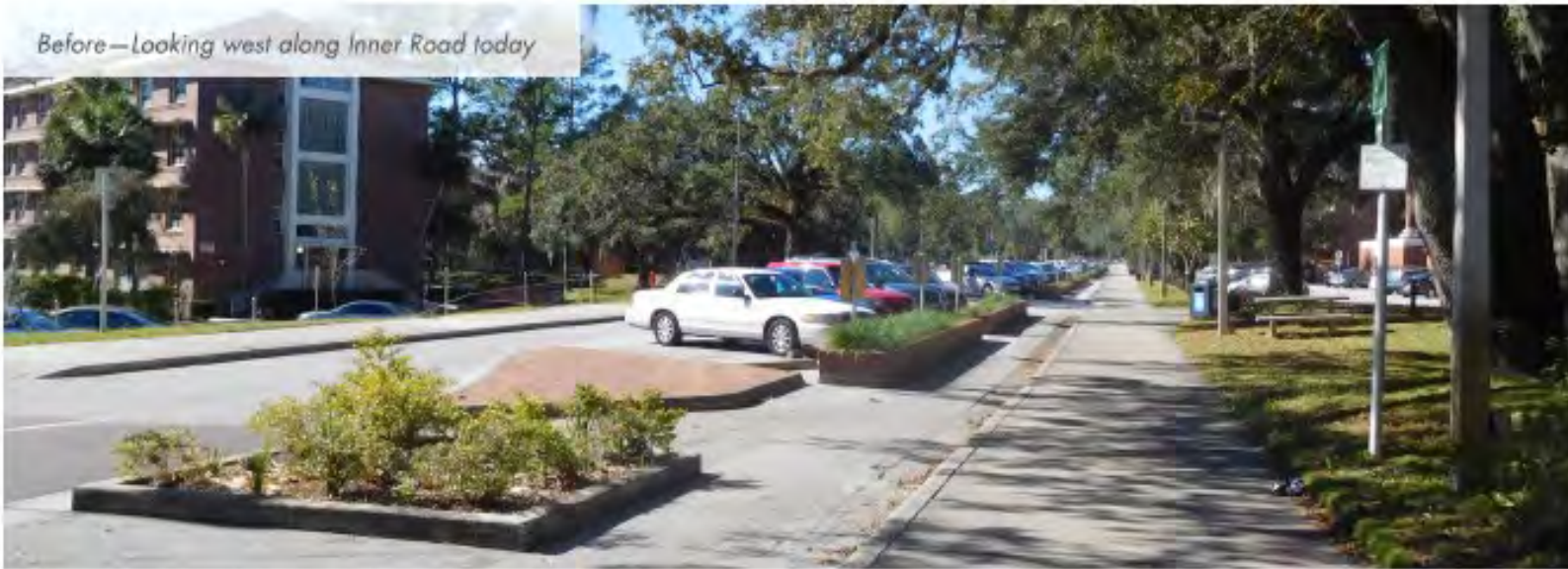
UTILITY SCOPE



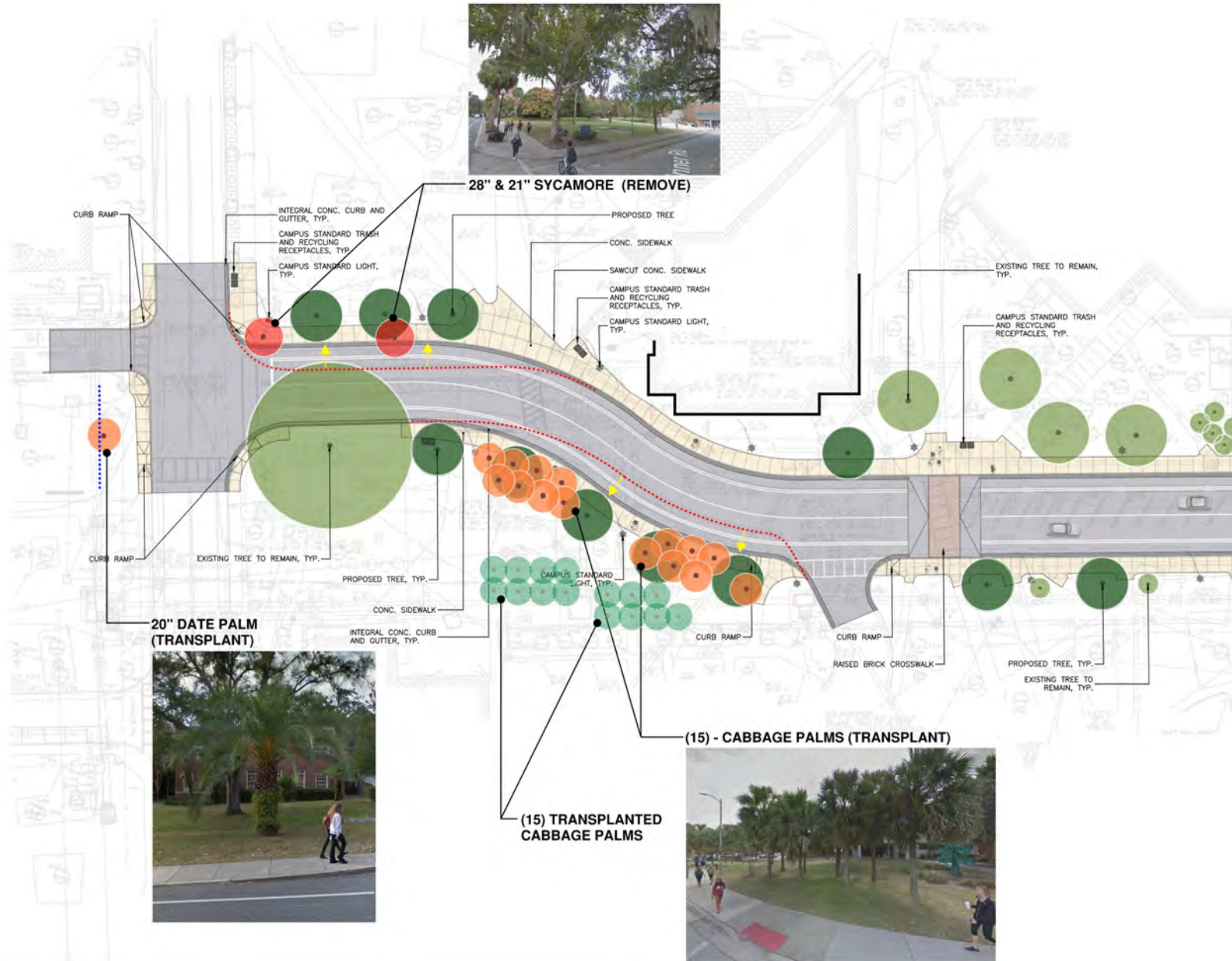
UF-644 INNER ROAD



INNER ROAD LMP



INNER ROAD (WEST)

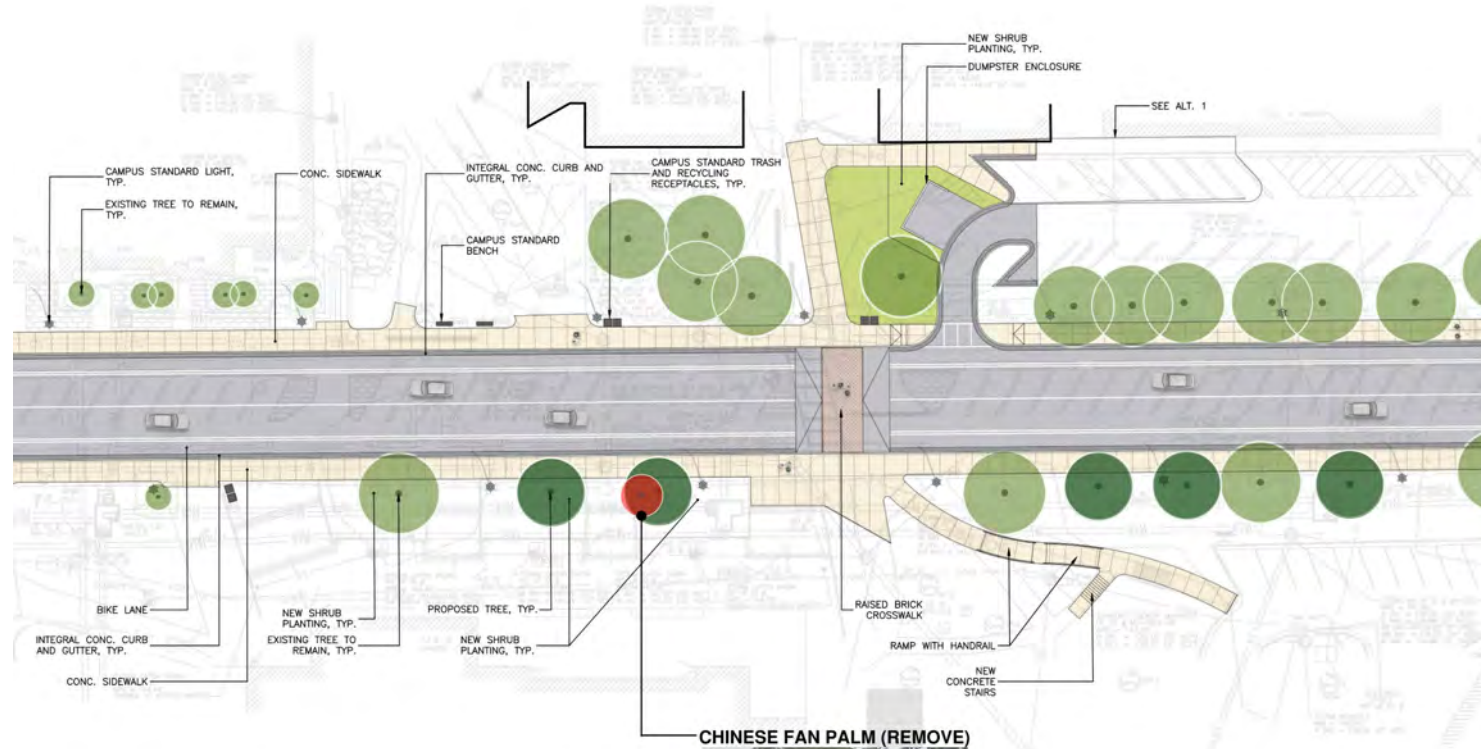


TREE MITIGATION SUMMARY

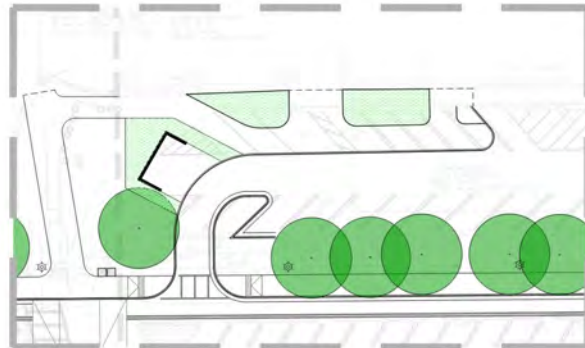
DECIDUOUS TREES	REPLACEMENT REQ.
(1) 28" SYCAMORE (HERITAGE)	6 TREES
(1) 21" SYCAMORE (HERITAGE)	2 TREES
(1) 6" CRAPE MYRTLE	2 TREES
TOTAL REQUIRED: 10 TREES	
TOTAL PROPOSED: 20 TREES	

PALM TREES	REPLACEMENT REQ.
(1) CABBAGE PALM	2 PALM TREES
(1) CHINESE FAN PALM	2 PALM TREES
TOTAL REQUIRED: 4 PALM TREES	
TOTAL PROPOSED: 16 PALM TREES	

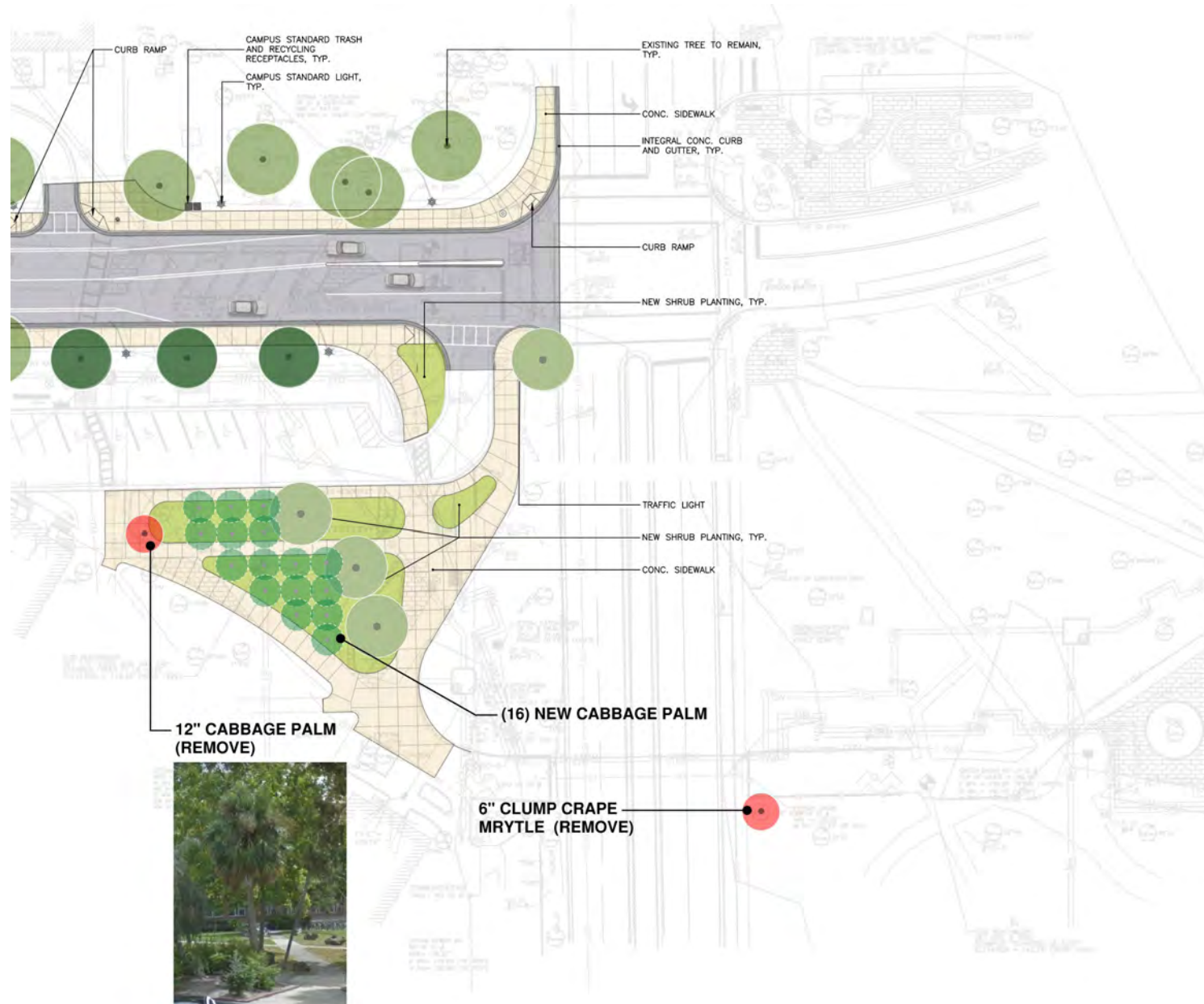
INNER ROAD (MID)



CHINESE FAN PALM (REMOVE)



INNER ROAD (EAST)

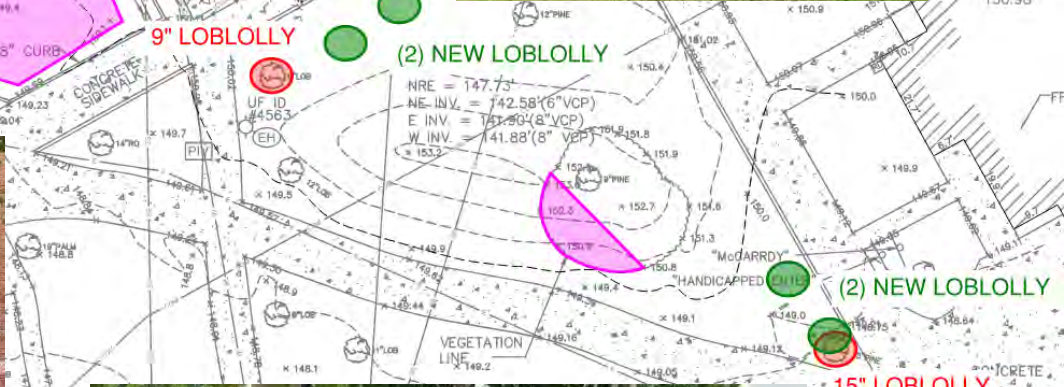


MCCARTY AREA

TREE MITIGATION SUMMARY	
HERITAGE TREES	REPLACEMENT REQ.
(1) 9" LOBLOLLY	2 TREES
(1) 15" LOBLOLLY	2 TREES
TOTAL REQUIRED:	4 TREES
TOTAL PROPOSED:	4 TREES



MCCARTY HALL C
BUILDING #497



CWP
COOLING TOWERS
BUILDING #1054



University of Florida – LVL Presentation
Schematic Design

wilmot gardens reflective garden

08/05/2020



plan rendering (existing conditions)

- 1 Healing Garden
- 2 Greenhouse
- 3 Staff and Visitor Parking
- 4 Conference Center
- 5 Lifestyles
- 6 Community Lawn
- 7 Landscape Maple Collection
- 8 Camelia Garden



A photograph of a park-like setting. In the foreground, a simple stone bench sits on a concrete pad. The ground is covered with green grass and various plants. A large tree trunk is visible in the middle ground. The background is a dense forest with many trees, some of which have Spanish moss hanging from their branches. The scene is brightly lit, suggesting a sunny day.

Overall view

A photograph of a wooded area. In the foreground, there is a grassy depression with some fallen leaves. A dense forest of tall trees with green foliage is in the background. The text "View to north from center of depression" is overlaid in the center of the image.

View to north from
center of depression

A photograph of a garden depression. In the foreground, there is a grassy area with scattered brown leaves. A small, young tree with dark green leaves stands in the center. To the left, a concrete bench is partially visible. The background shows a dense line of trees and a wooden fence. The text "View to east from center of depression" is overlaid in the center of the image.

View to east from center
of depression

A photograph of a dense, green forest floor. The foreground is covered in a thick carpet of low-lying green plants, including ferns and small leafy vegetation. In the background, several tall, slender tree trunks rise from the undergrowth, their leaves forming a canopy above. The lighting is soft and diffused, typical of a forest interior. The overall scene is lush and verdant.

View to south from
center of depression

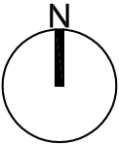
A photograph of a grassy area with ferns and trees in the background. The foreground is covered in green grass and scattered brown leaves. A dense patch of green ferns is on the left side. In the background, there are several large trees with thick trunks and dense foliage. The text "View to west from center of depression" is overlaid in the center of the image.

View to west from center
of depression

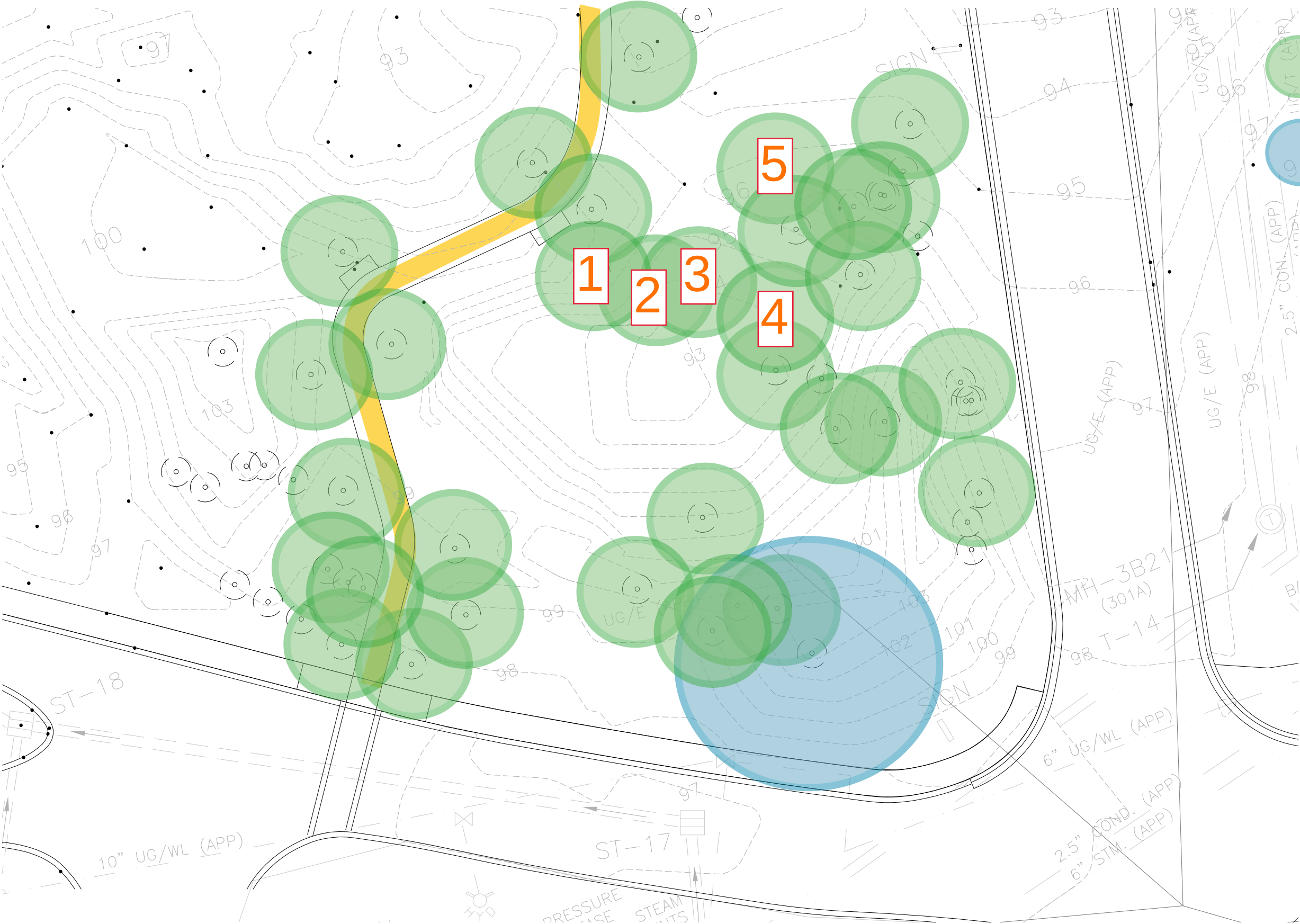
Illustrative plan



- 1 Stone Path
- 2 Seating Overlook
- 3 Deck With Canopy For Gathering
- 4 Stone Wall
- 5 Stone Stair Down To Bowl
- 6 Stones Steps To Seating
- 7 Boulders Placed In Landscape For Quiet Seating
- 8 Lush Native Fern Planting
- 9 Low Mixed Beds Of Shrubs And Flowering Plants
- 10 Tall Shrub Planting To Screen Views Into The Garden
- 11 Boulders Or Benches Placed Along Walk For Individual Seating
- 12 Existing Walk



Existing Conditions



- EXISTING TREE SPECIES, CONDITION AND SIZE TO BE CONFIRMED BEFORE FINAL APPROVAL
- HERITAGE TREE





5



WILMOT
BOTANICAL
GARDENS

Tree #1

Laurel Oak

Quercus laurifolia

- 40.5-inch circumference
- 14.0-inch diameter





WILMOT
BOTANICAL
GARDENS

Tree #2

Magnolia

Magnolia grandiflora

- 39.5-inch circumference
- 13.0-inch diameter





WILMOT
BOTANICAL
GARDENS

Tree #3

Sweet Gum

Liquidambar styraciflua

- 42.0-inch circumference
- 15.0-inch diameter





WILMOT
BOTANICAL
GARDENS

Tree #4

Magnolia

Magnolia grandiflora

- 19.0-inch circumference
- 6.00-inch diameter





WILMOT
BOTANICAL
GARDENS

Tree #5

Sweet Gum

Liquidambar styraciflua

- 64.5-inch circumference
- 24.0-inch diameter



Natural Areas Teaching Laboratory Tree Removal Request

Tree One: (*Quercus hemisphaerica*) 63cm DBH

Tree Two: (*Quercus hemisphaerica*) 69cm DBH

Warrant: Tree one and tree two are larger laurel oaks at the end of their life with clear signs of fungal infection. Tree one is currently dropping limbs on sheds used to house NATL equipment. These fallen limbs are poking small holes into the roof causing it to leak. Tree two is also posing a risk to a smaller shed but is an additional future risk to the storage of a piece of equipment (tractor and mower) used to maintain NATL trails and facilities. Permission is sought to trim and transition both trees into wildlife snags (20ft-25ft tall). Urban snags such as this are proven to be beneficial for a suite of wildlife species [1][2].

1. Hostetler, M. E., Klowden, G., Miller, S. W., & Youngentob, K. N. (2003). Landscaping backyards for wildlife: Top ten tips for success. EDIS, 2003(1).
2. Dunster, J. A. (1998). The role of arborists in providing wildlife habitat and landscape linkages throughout the urban forest. *Journal of Arboriculture*, 24, 160-167.

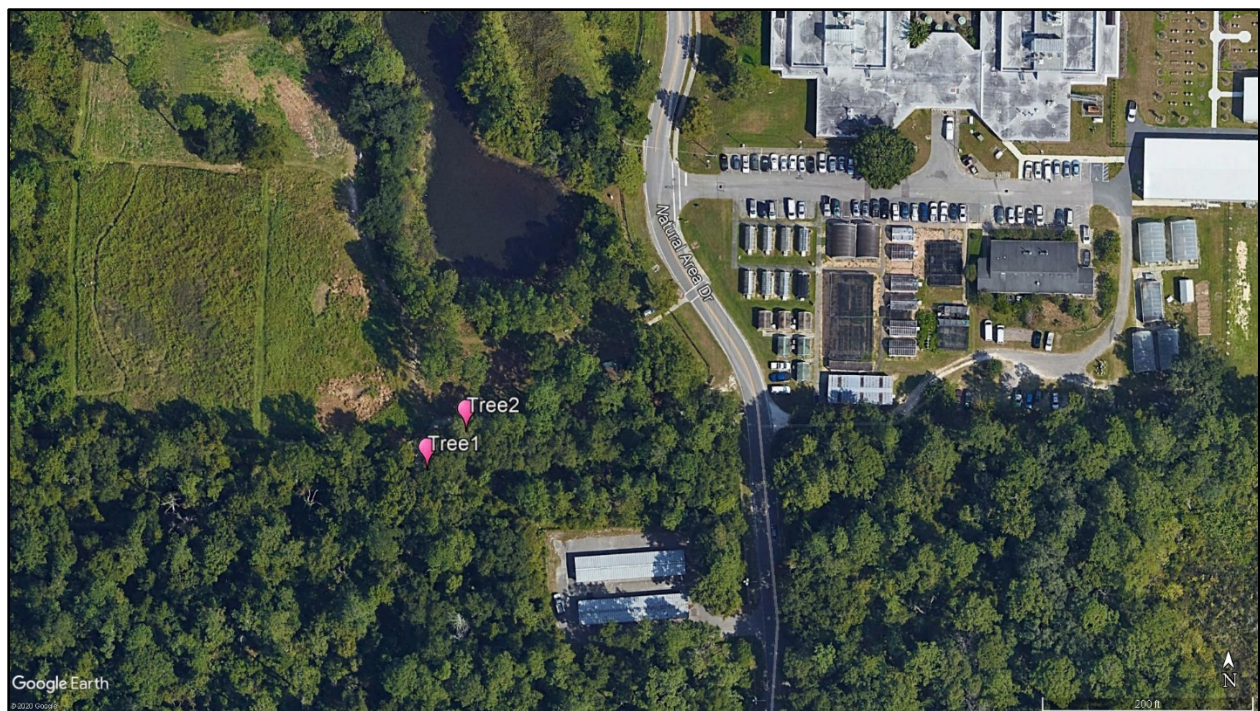


Figure One: Location at NATL of tree one and tree two, overhanging two large sheds that NATL utilizes to store equipment.



Image One: Tree one, notice dead branches on top the roof.



Image Two: Tree two, notice large dead limbs on tree.