

UF-642

SW Campus Transportation Improvements

Design Development Approval

LVL Committee Presentation

February 13, 2020

Stuart Cullen, Sr. Project Manager

UF Planning Design & Construction

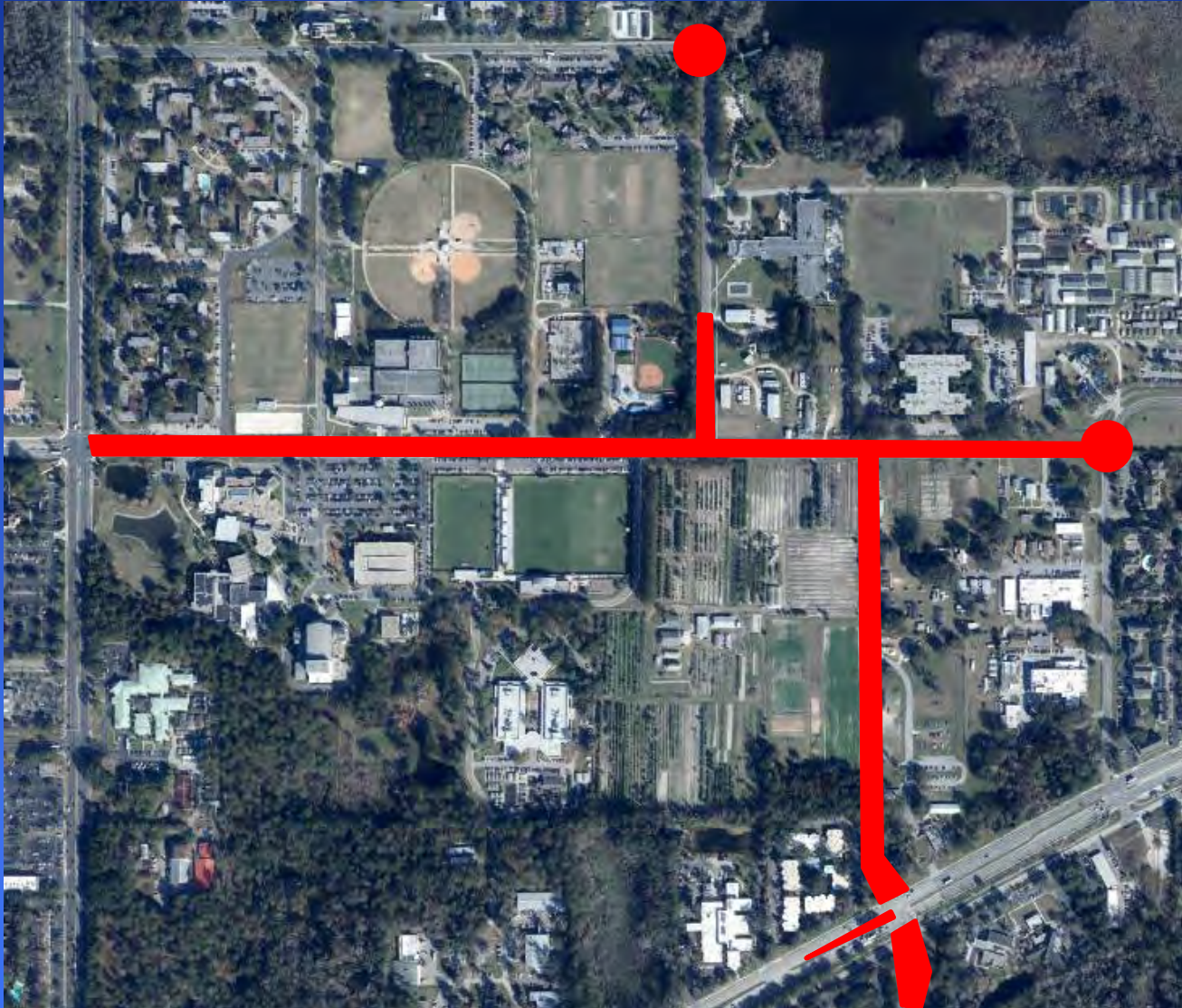
Jay Brown, PE / C. Elisabeth Manley, PLA

JBrown Professional Group / Manley Design

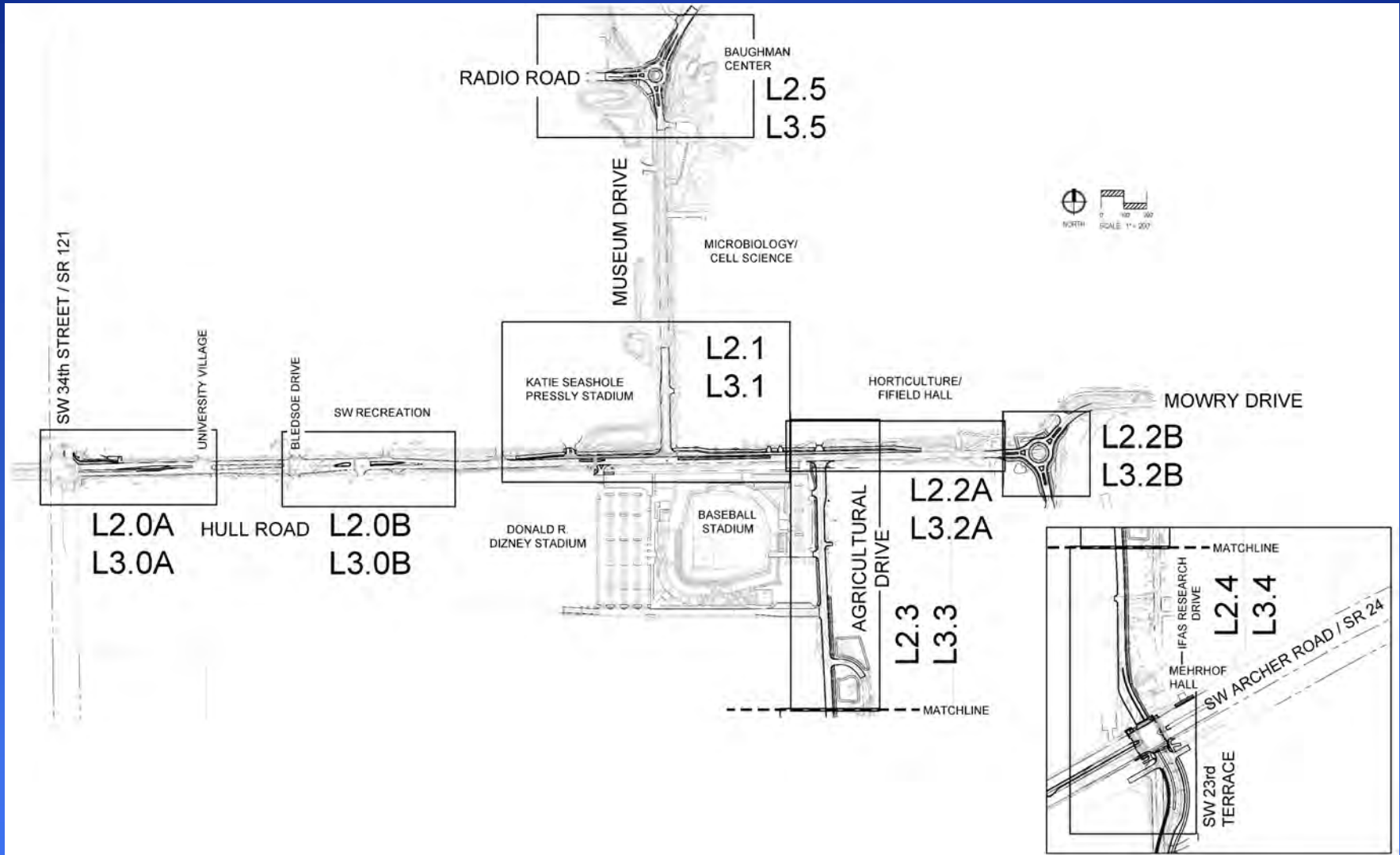
SW Campus Transportation Improvements

- Location
- Background
- Status & Schedule

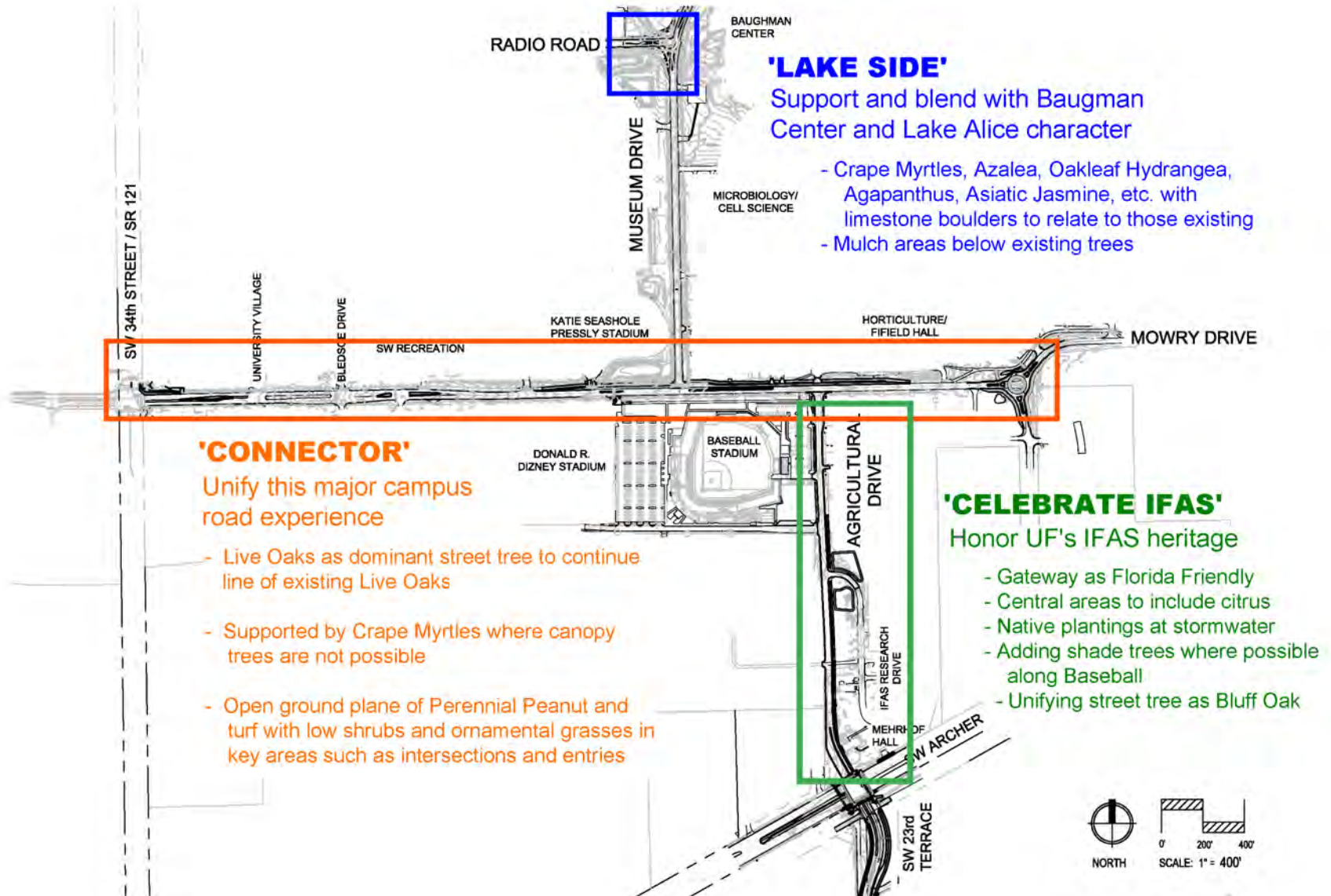
SW Campus Transportation Improvements



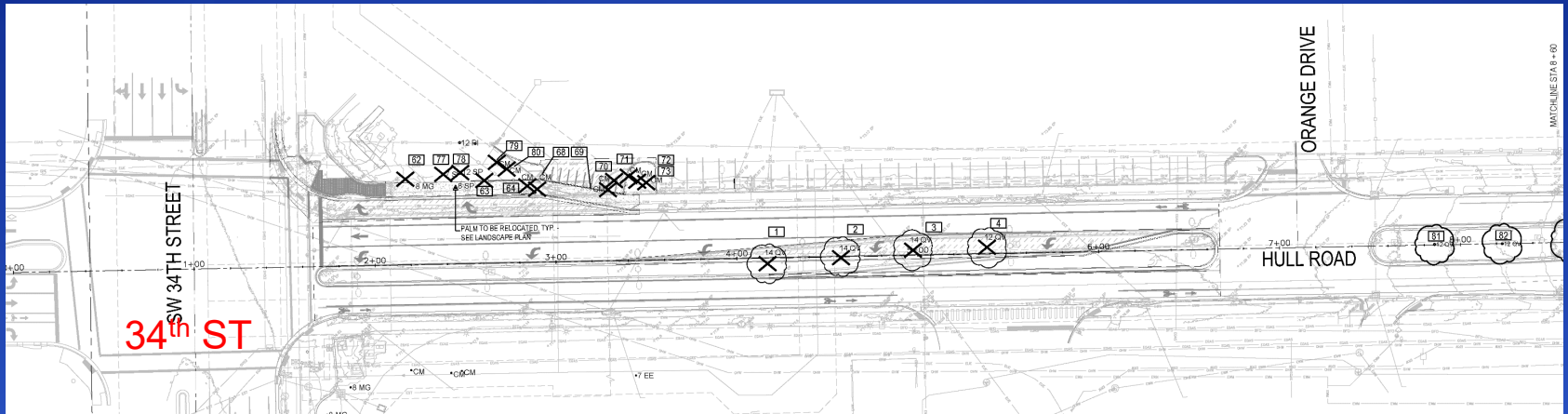
SW Campus Transportation Improvements



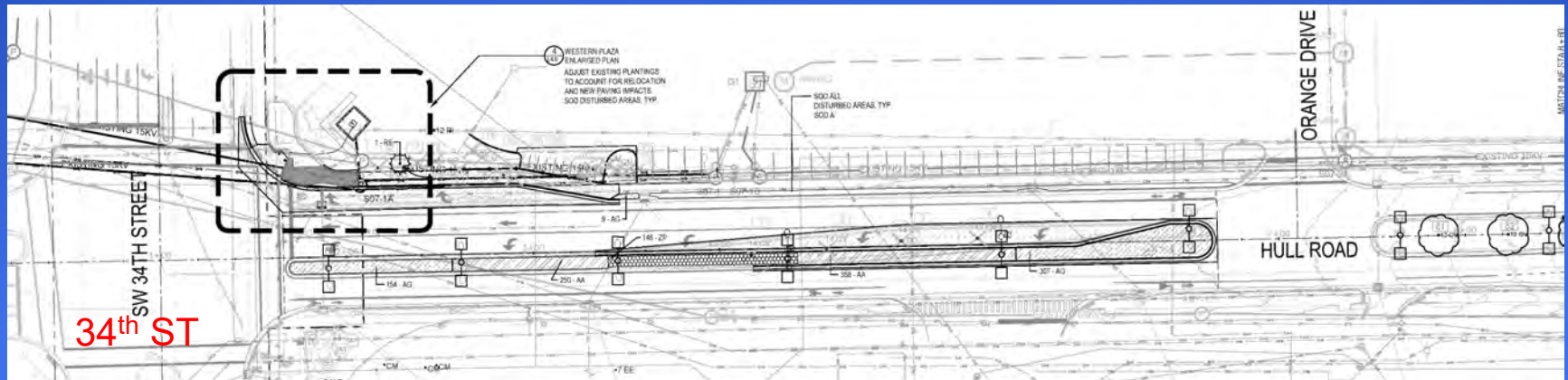
SW Campus Transportation Improvements



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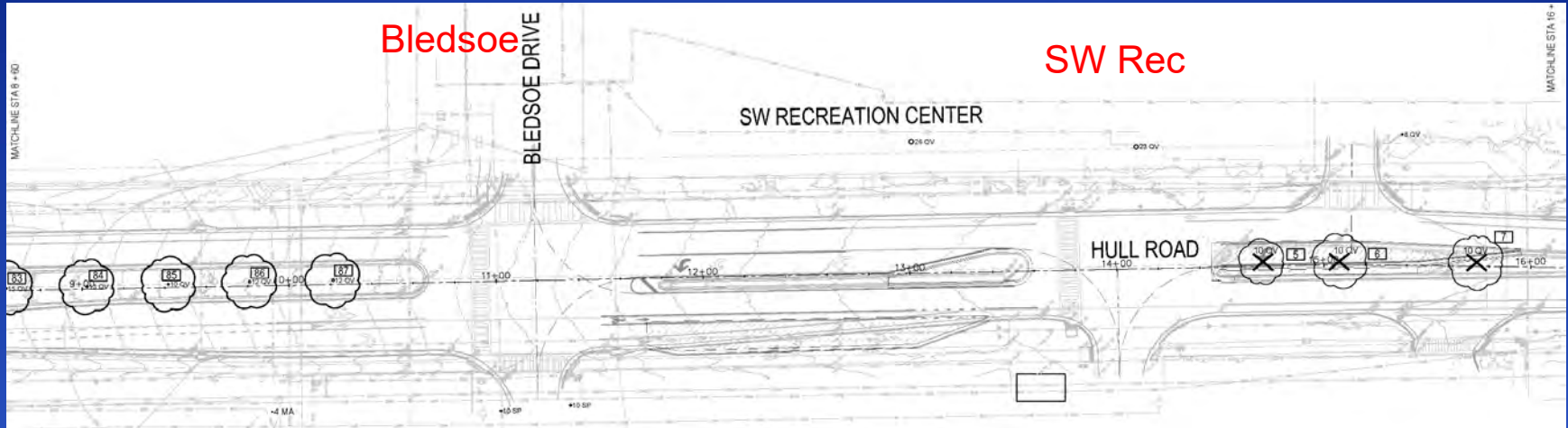


Impact

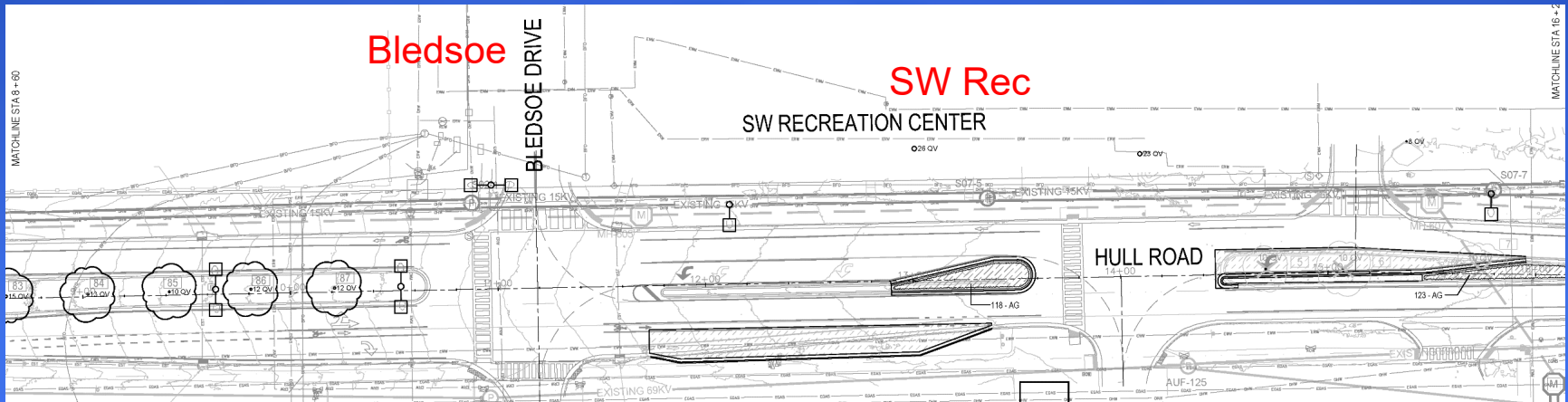


Proposed

SW Campus Transportation Improvements

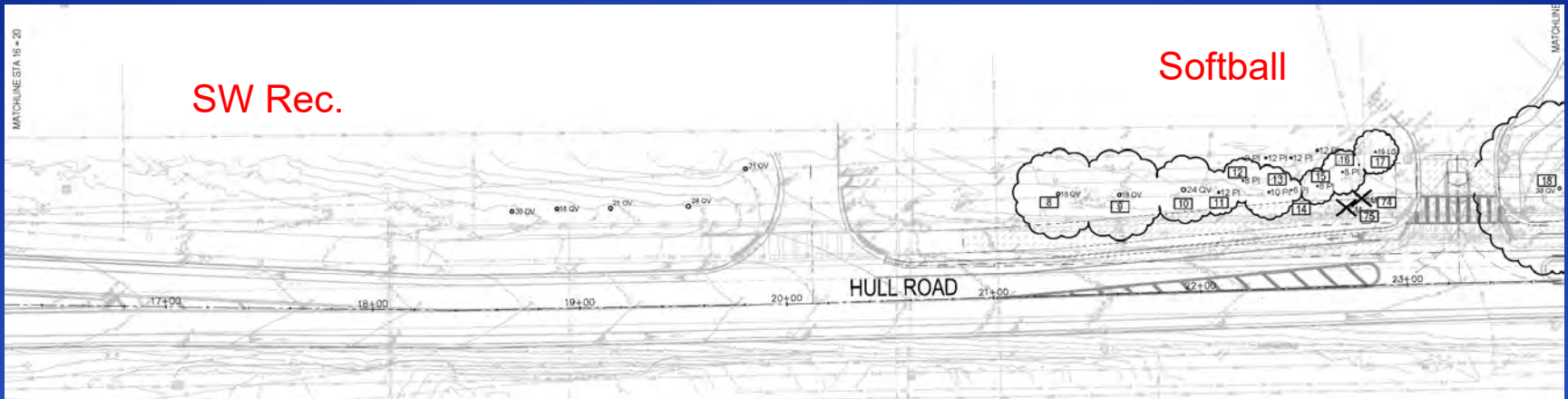


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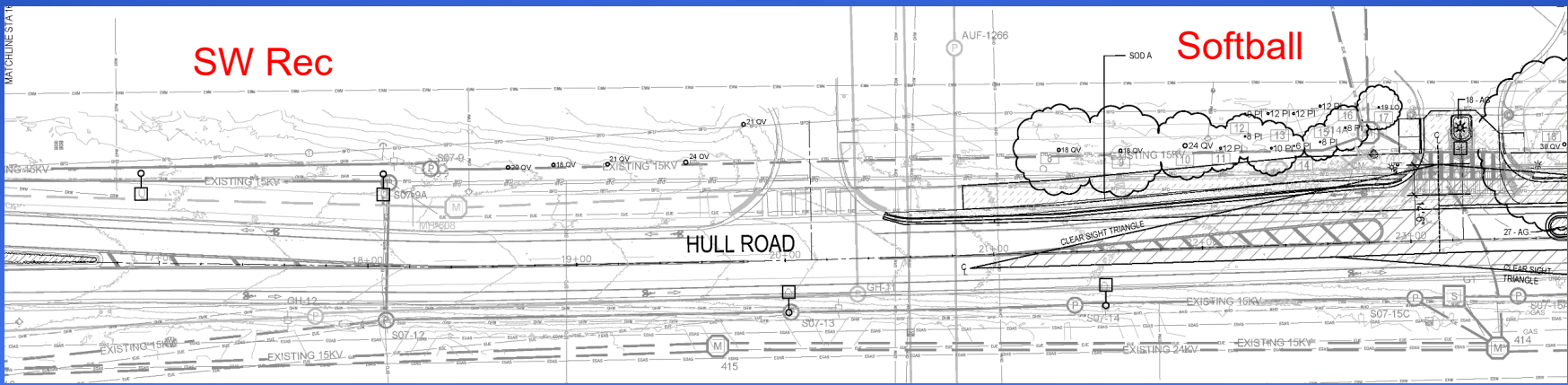


Proposed

SW Campus Transportation Improvements



Impact

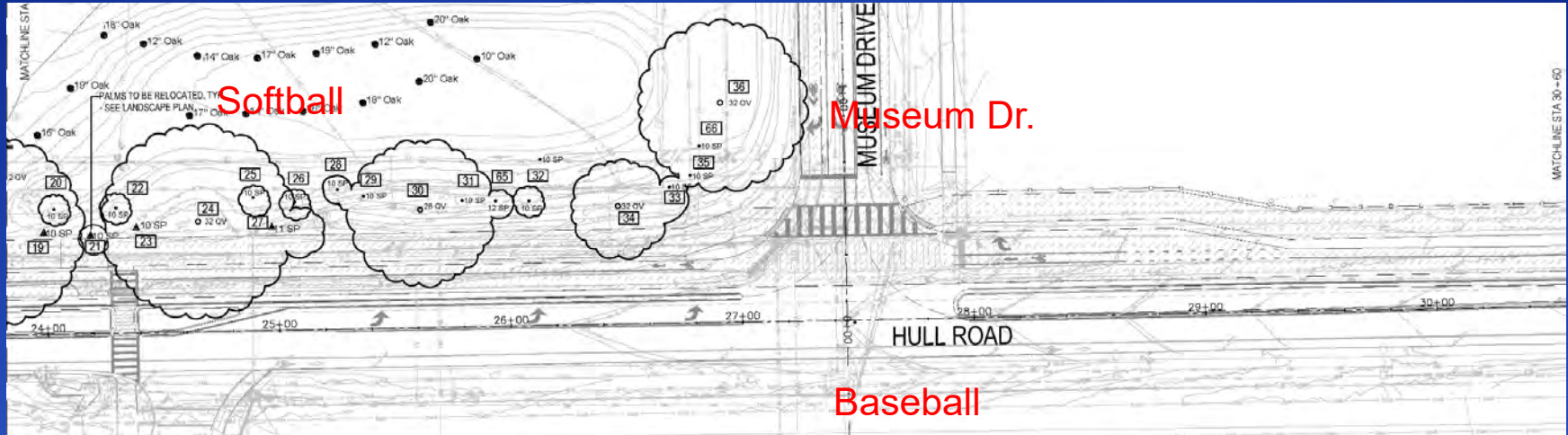


Proposed

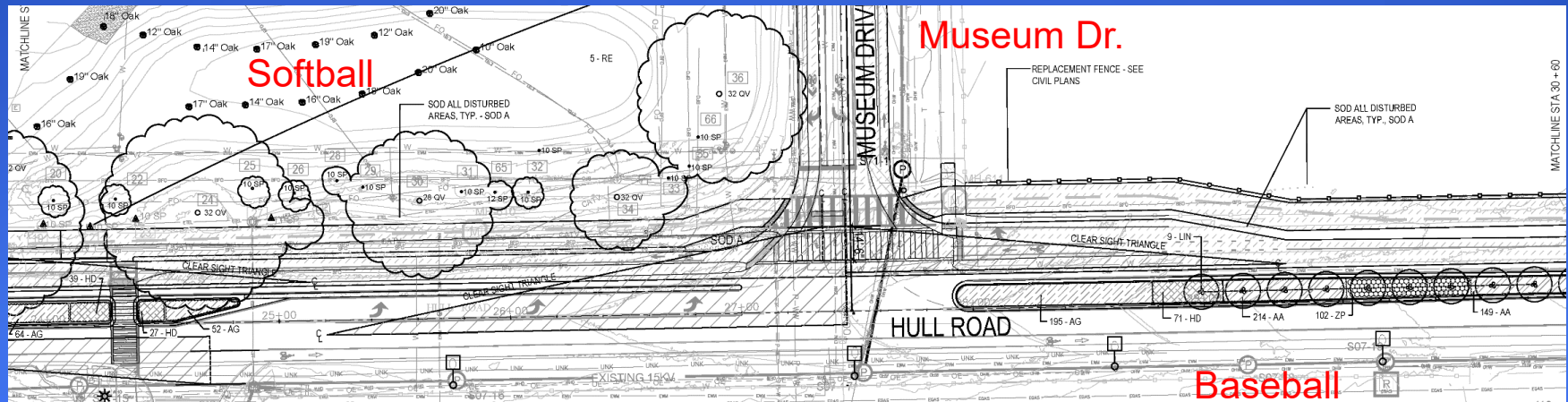
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Impact

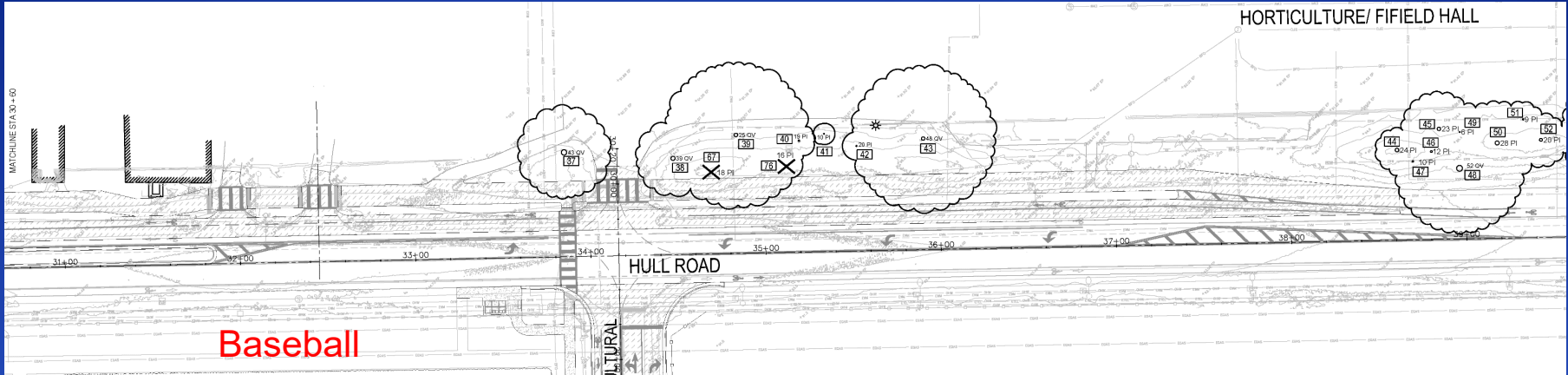


Proposed

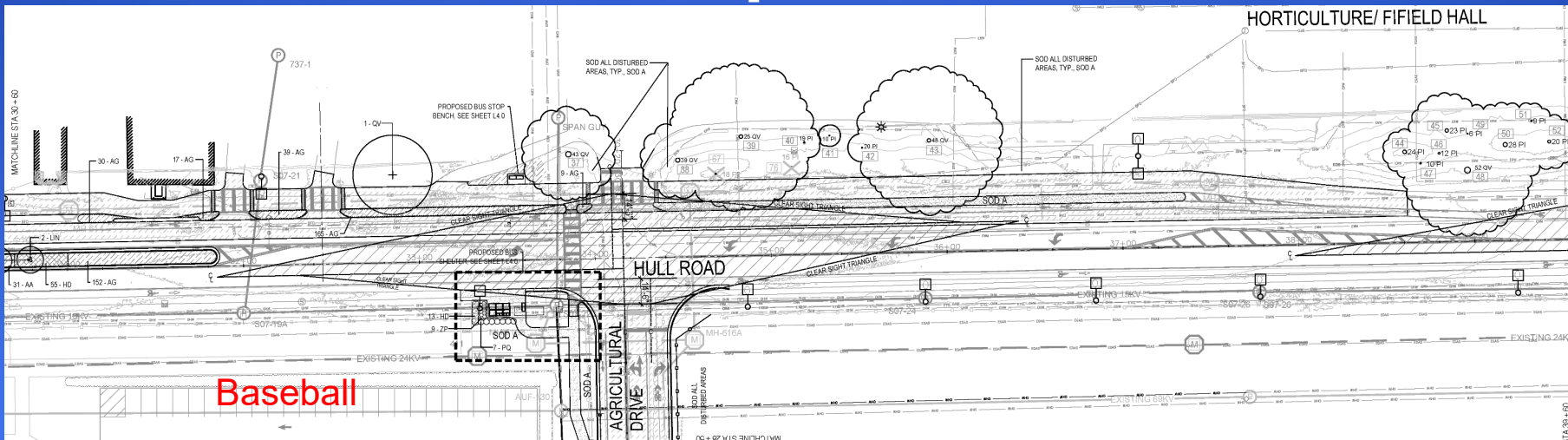
SW Campus Transportation Improvements



SW Campus Transportation Improvements



Impact



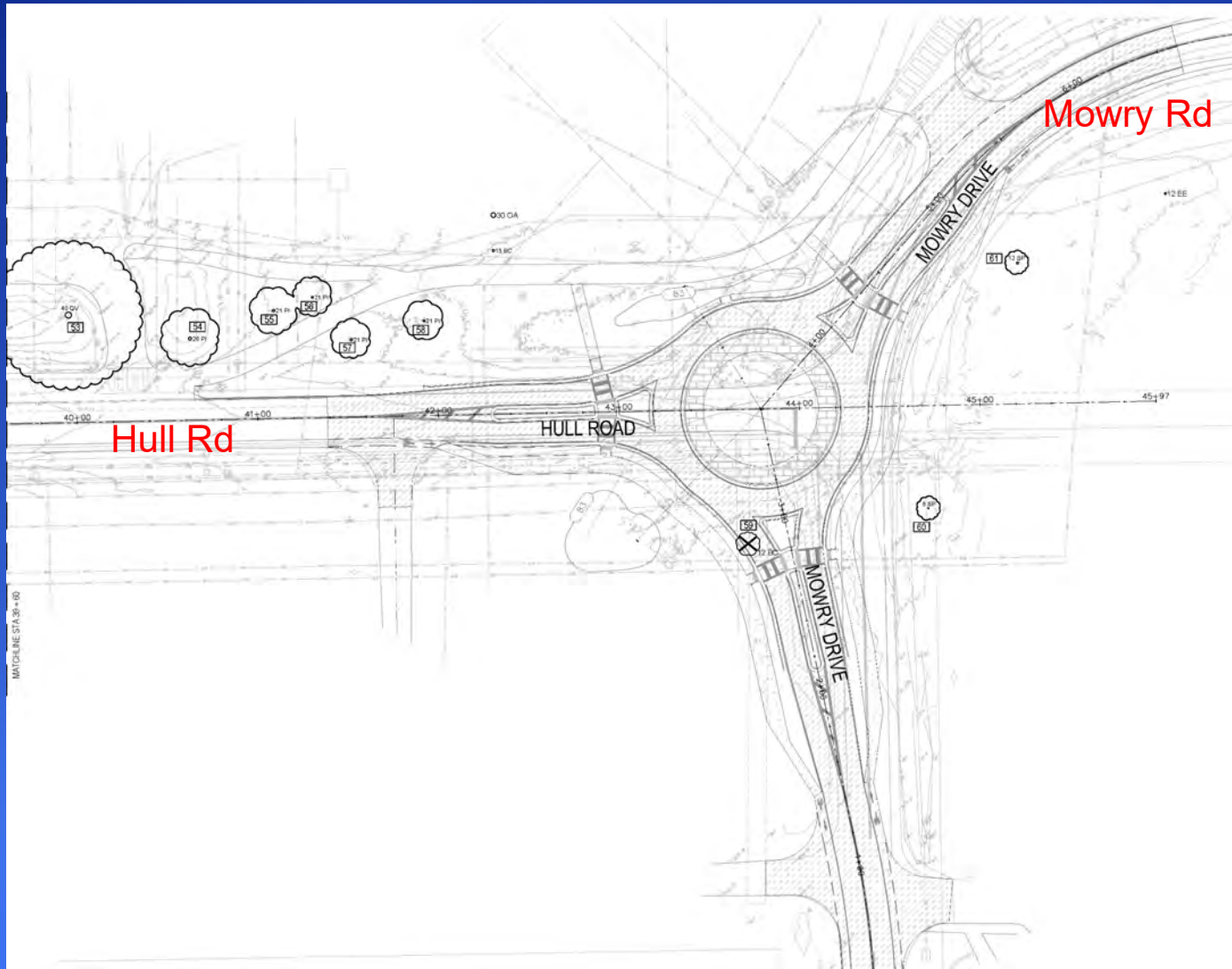
Proposed

SW Campus Transportation Improvements



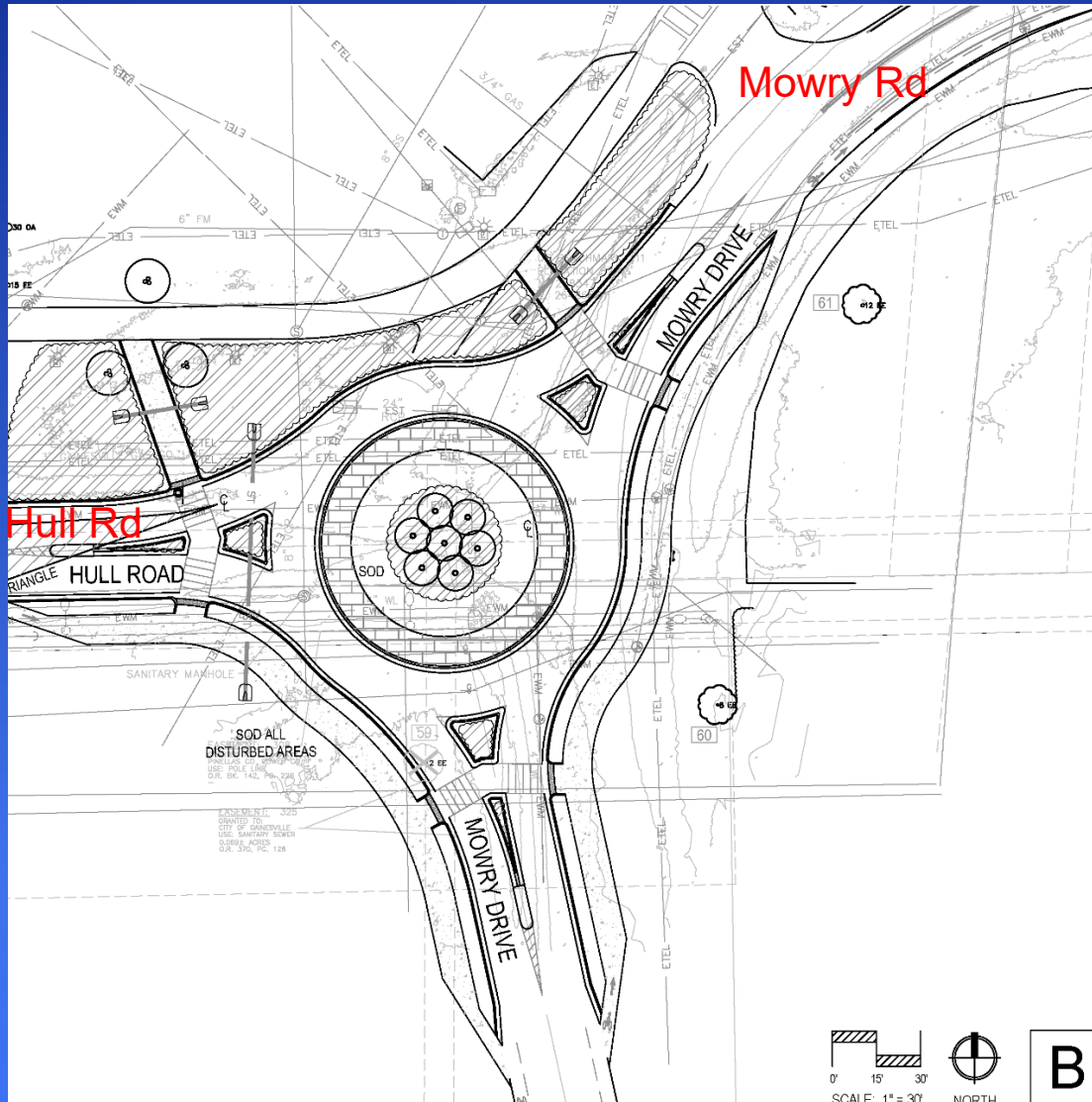
Looking West

SW Campus Transportation Improvements



Impact

SW Campus Transportation Improvements

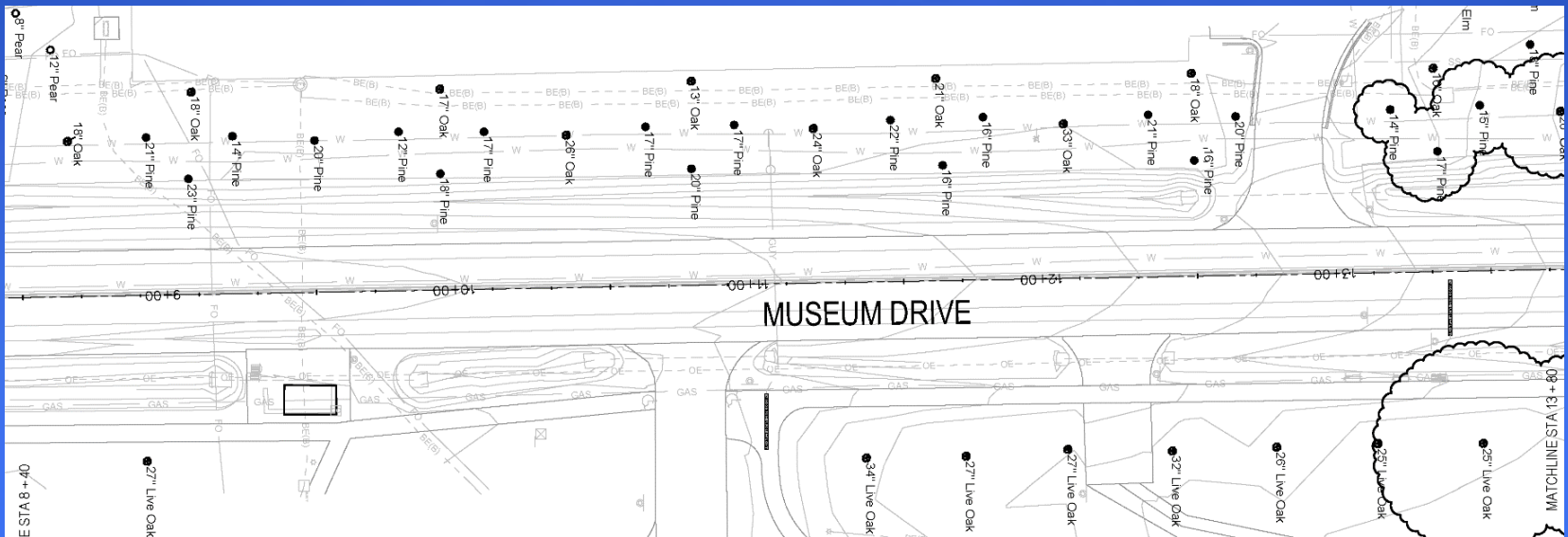


Proposed

SW Campus Transportation Improvements



No Impact, Relocations, or Plantings

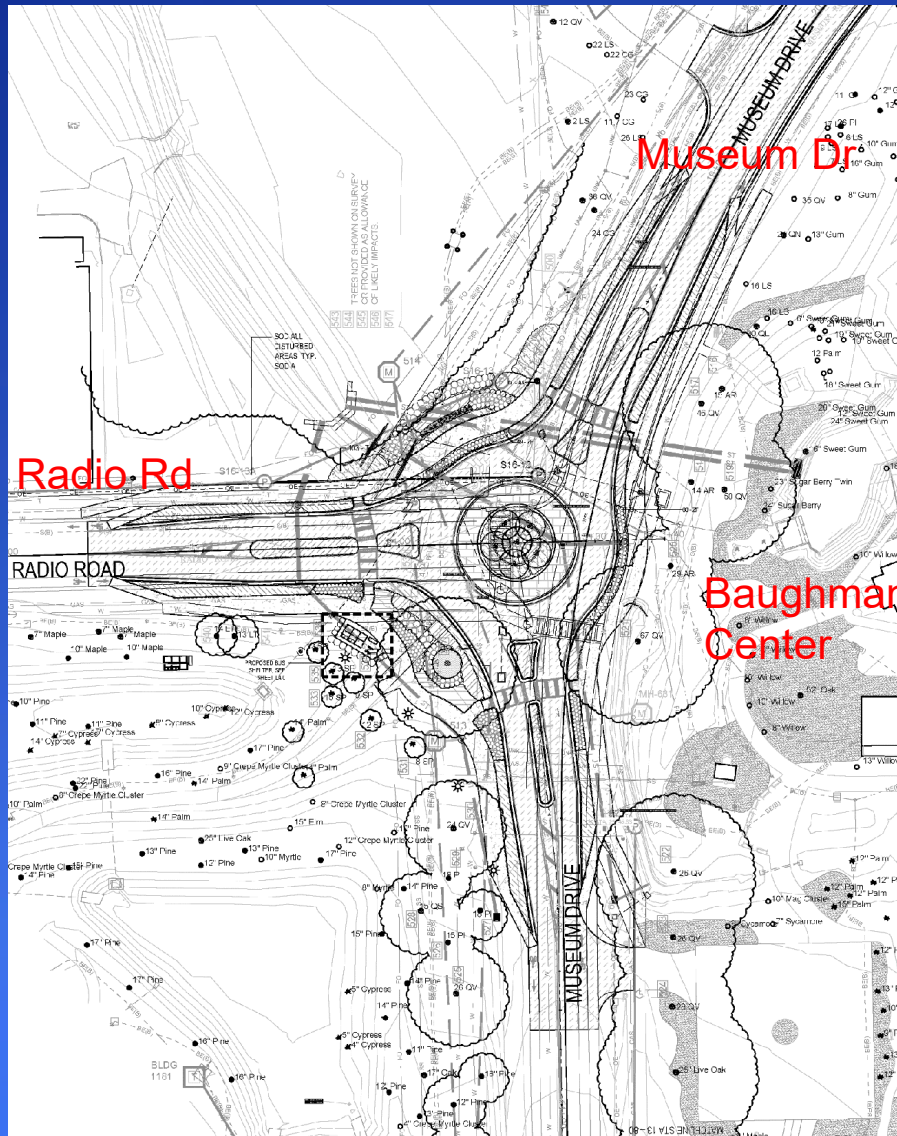


SW Campus Transportation Improvements

Impact



SW Campus Transportation Improvements



Proposed

This site plan shows a section of Agricultural Drive with stationing from 23+00 to 28+00. To the north of the drive are Natural Area Drive and a Baseball field. The plan includes various engineering details such as utility lines, easements, and construction notes. Specific notes include 'PROTECT NEW PLANTINGS AT BASEBALL DURING CONSTRUCTION' and 'MATCHLINE STA 22+20' at the left edge. Station markers and labels like '109', '104', '103', '101', '100', '193', and '26 QL' are present throughout the plan.

The site plan illustrates the layout of the project area, including the Natural Area Drive, Baseball Field, and various utility areas (1-UA, 2-UA, 3-UA). The plan includes labels for 'SOD ALL DISTURBED AREAS' and 'PROTECT LANDSCAPE INSTALLED AT UF BASEBALL'.

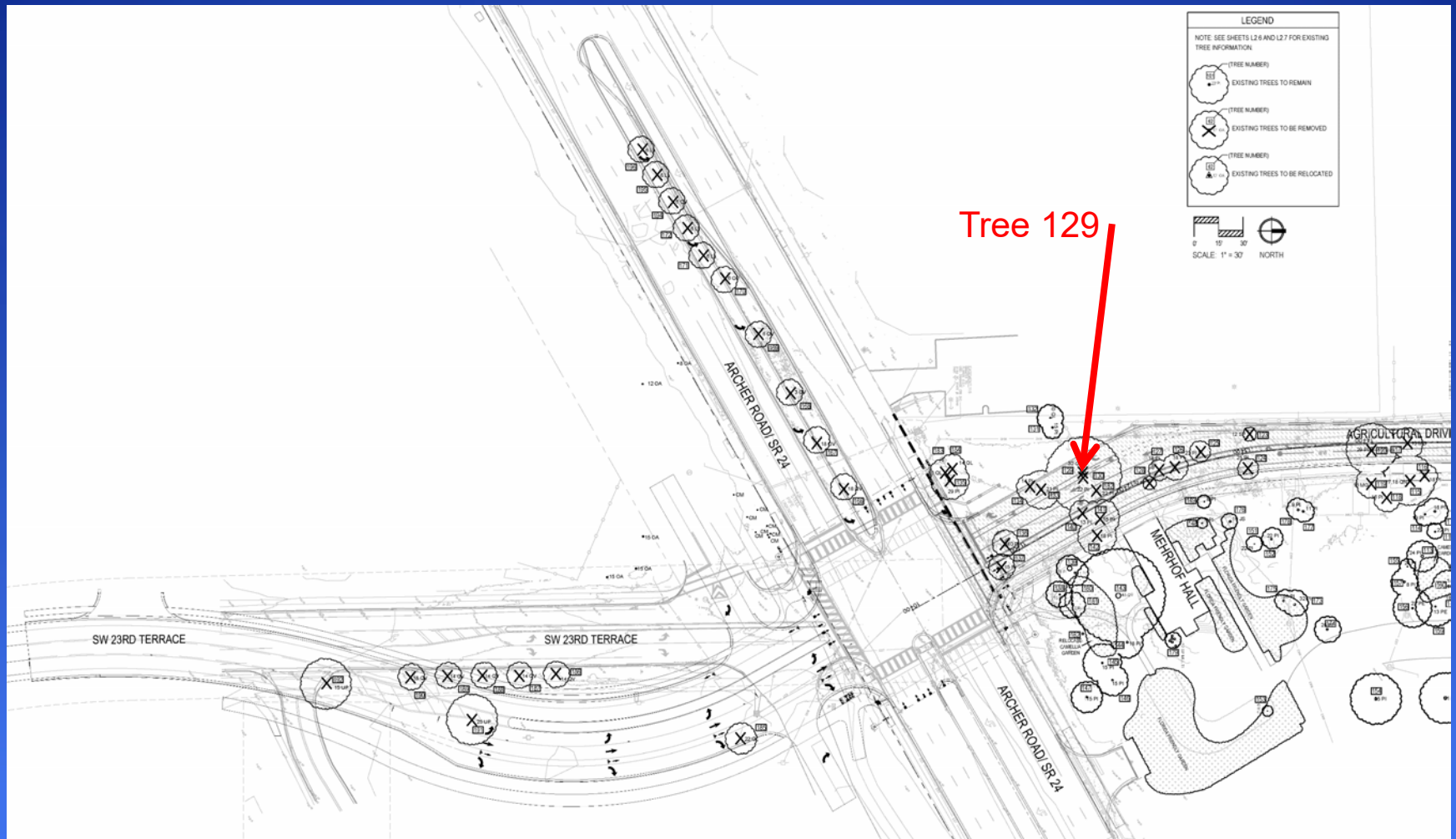
Proposed

The map shows a section of IFAS Research Drive. At the top, Agricultural Drive runs horizontally. Below it, a large rectangular area is labeled 'LABORATORY'. To the right of the laboratory, there are several circular and irregular plots. One large circular plot is labeled '108' and '50 QV'. Other plots are labeled '107', '109', '110', '111', '112', '113', '114', '115', '116', '117', '118', '119', '120', '121', '122', '123', '124', '125', '126', '127', '128', '129', '130', '131', '132', '133', '134', '135', '136', '137', '138', '139', '140', '141', '142', '143', '144', '145', '146', '147', '148', '149', '150', '151', '152', '153', '154', '155', '156', '157', '158', '159', '160', '161', '162', '163', '164', '165', '166', '167', '168', '169', '170', '171', '172', '173', '174', '175', '176', '177', '178', '179', '180', '181', '182', '183', '184', '185', '186', '187', '188', '189', '190', '191', '192', '193', '194', '195', '196', '197', '198', '199', '200'. The map also shows various roads, including Hull Rd on the right, and several smaller roads and paths. The map is oriented with North at the top.

[illegible]

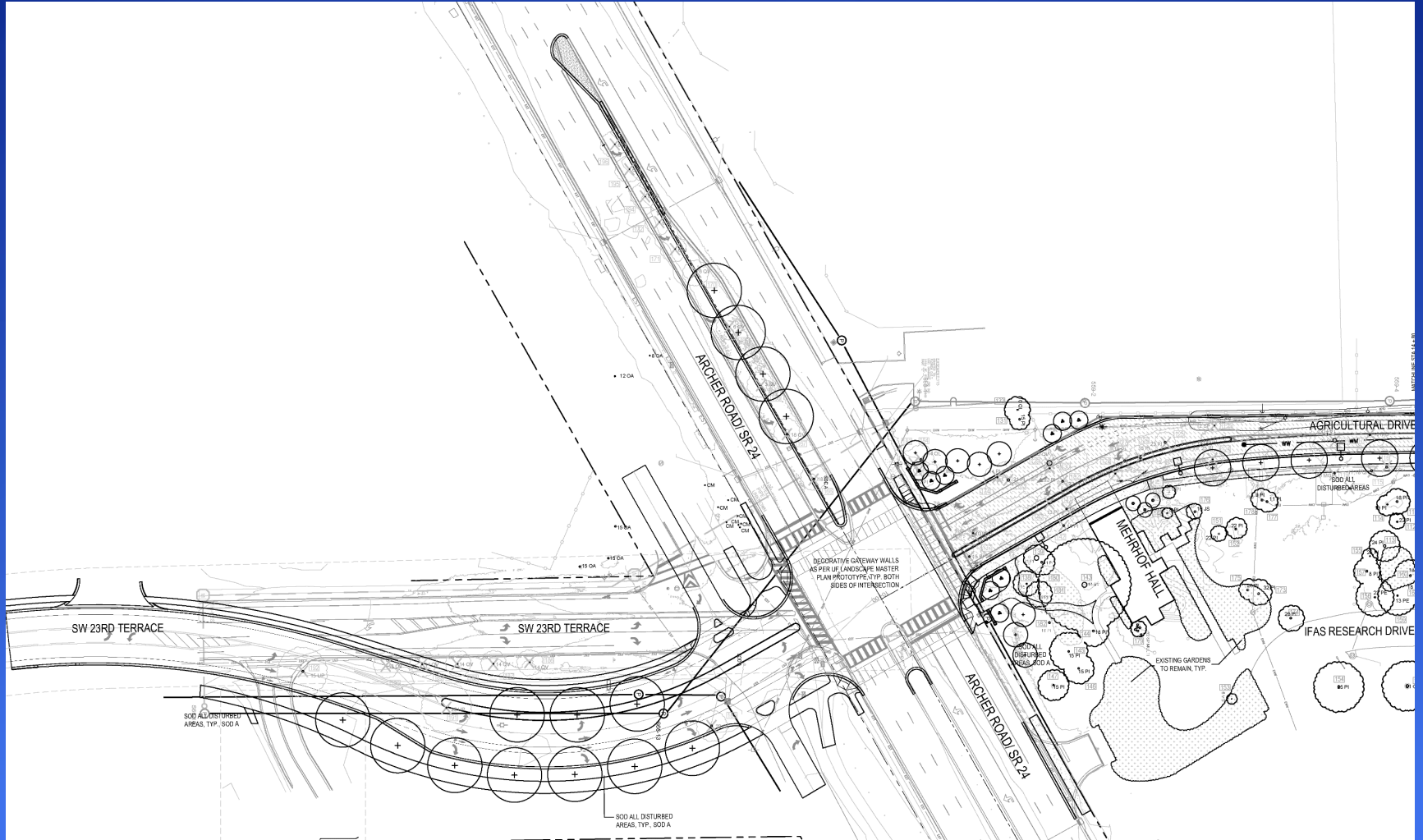
Proposed

SW Campus Transportation Improvements



Impact

SW Campus Transportation Improvements



Proposed

SW Campus Transportation Improvements



[illegible]

SW Campus Transportation Improvements

EXISTING TREE INVENTORY AND MITIGATION CHART

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
1	<i>Quercus virginiana</i>	Live Oak	14	3	X		2:1	2	
2	<i>Quercus virginiana</i>	Live Oak	14	3	X		2:1	2	
3	<i>Quercus virginiana</i>	Live Oak	14	3	X		2:1	2	
4	<i>Quercus virginiana</i>	Live Oak	12	4	X		2:1	2	
5	<i>Quercus virginiana</i>	Live Oak	10	4	X		2:1	2	
6	<i>Quercus virginiana</i>	Live Oak	10	3	X		2:1	2	
7	<i>Quercus virginiana</i>	Live Oak	10	3	X		2:1	2	
8	<i>Quercus virginiana</i>	Live Oak	18	4		X			
9	<i>Quercus virginiana</i>	Live Oak	18	3		X			
10	<i>Quercus virginiana</i>	Live Oak	24	3		X			
11	<i>Pinus spp.</i>	Pine	12	3		X			
12	<i>Pinus spp.</i>	Pine	8	3		X			
13	<i>Pinus spp.</i>	Pine	10	3		X			
14	<i>Pinus spp.</i>	Pine	6	3		X			
15	<i>Pinus spp.</i>	Pine	8	3		X			
16	<i>Pinus spp.</i>	Pine	8	3		X			
17	<i>Quercus virginiana</i>	Live Oak	19	3		X			
18	<i>Quercus virginiana</i>	Live Oak	10	3		X			
19	<i>Sabal palmetto</i>	Sabal Palm	10	5	X		relocate		Relocate in vicinity - See Sht. L3.1
20	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
21	<i>Sabal palmetto</i>	Sabal Palm	10	5	X		relocate		Relocate in vicinity - See Sht. L3.1
22	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
23	<i>Sabal palmetto</i>	Sabal Palm	10	5	X		relocate		Relocate in vicinity - See Sht. L3.1
24	<i>Quercus virginiana</i>	Live Oak	32	3		X			
25	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
26	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
27	<i>Sabal palmetto</i>	Sabal Palm	11	5	X		relocate		Relocate in vicinity - See Sht. L3.1
28	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
29	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
30	<i>Quercus virginiana</i>	Live Oak	28	3		X			
31	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
32	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
33	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
34	<i>Quercus virginiana</i>	Live Oak	32	4		X			
35	<i>Sabal palmetto</i>	Sabal Palm	10	5		X			
36	<i>Quercus virginiana</i>	Live Oak	32	3		X			
37	<i>Quercus virginiana</i>	Live Oak	43	4		X			
38	<i>Quercus virginiana</i>	Live Oak	39	4		X			
39	<i>Quercus virginiana</i>	Live Oak	25	4		X			
40	<i>Quercus virginiana</i>	Pine	19	5		X			
41	<i>Pinus spp.</i>	Pine	10	3		X			
42	<i>Pinus spp.</i>	Pine	20	3		X			
43	<i>Quercus virginiana</i>	Live Oak	48	4		X			
44	<i>Pinus spp.</i>	Pine	24	4		X			
45	<i>Pinus spp.</i>	Pine	23	4		X			
46	<i>Pinus spp.</i>	Pine	12	3		X			
47	<i>Pinus spp.</i>	Pine	10	4		X			
48	<i>Quercus virginiana</i>	Live Oak	52	5		X			
49	<i>Pinus spp.</i>	Pine	6	4		X			
50	<i>Pinus spp.</i>	Pine	28	4		X			
51	<i>Pinus spp.</i>	Pine	9	4		X			
52	<i>Pinus spp.</i>	Pine	20	3		X			
53	<i>Quercus virginiana</i>	Live Oak	40	4		X			
54	<i>Pinus spp.</i>	Pine	26	4		X			
55	<i>Pinus spp.</i>	Pine	21	4		X			
56	<i>Pinus spp.</i>	Pine	21	4		X			
57	<i>Pinus spp.</i>	Pine	21	4		X			
58	<i>Pinus spp.</i>	Pine	21	4		X			
59	<i>Bursera copallata</i>	Pinho Palm	12	4	X		2:1	2	
60	<i>Sabal palmetto</i>	Sabal Palm	6	4		X			
61	<i>Sabal palmetto</i>	Sabal Palm	12	4		X			
62	<i>Magnolia grandiflora</i>	Southern Magnolia	8	5	X		2:1	2	
63	<i>Sabal palmetto</i>	Sabal Palm	8	5	X		relocate		Relocate in vicinity - See Sht. L3.0
64	<i>Lagerströmia spp.</i>	Crape Myrtle	12	-	X		2:1		Relocate in vicinity - See Sht. L3.1
65	<i>Sabal palmetto</i>	Sabal Palm	10	-		X			
66	<i>Sabal palmetto</i>	Sabal Palm	10	-		X			
67	<i>Pine spp.</i>	Pine	18	3	X		2:1	2	
68	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
69	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
70	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
71	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
72	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
73	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
74	<i>Lagerströmia spp.</i>	Crape Myrtle	5 (4 Trunks)	-	X		2:1	2	
75	<i>Lagerströmia spp.</i>	Crape Myrtle	8 (3 Trunks)	-	X		2:1	2	
76	<i>Pinus spp.</i>	Pine	16	-		X	2:1	2	

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
77	<i>Sabal palmetto</i>	Sabal Palm	7	-	X				
78	<i>Sabal palmetto</i>	Sabal Palm	12	-	X				
79	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
80	<i>Lagerströmia spp.</i>	Crape Myrtle	-	-	X		2:1	2	
HULL ROAD TOTAL MITIGATION:								42	

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
100	<i>Quercus virginiana</i>	Live Oak	30	3		X			
101	<i>Prunus serotina</i>	Wild Cherry	10	1		X			
102	<i>Quercus nigra</i>	Water Oak	12	3		X			
103	<i>Quercus laurifolia</i>	Laurel Oak	38	3		X			
104	<i>Quercus laurifolia</i>	Laurel Oak	18	3	X		2:1	2	
105	<i>Quercus laurifolia</i>	Laurel Oak	25	3	X		2:1	2	
106	<i>Quercus virginiana</i>	Live Oak	50	5		X			
107	<i>Pinus spp.</i>	Pine	18	2		X			
108	<i>Pinus spp.</i>	Pine	18	3		X			
109	<i>Pinus spp.</i>	Pine	30	4	X		2:1	2	
110	<i>Pinus spp.</i>	Pine	25	3	X		2:1	2	
111	<i>Pinus spp.</i>	Pine	16	3		X			
112	<i>Pinus spp.</i>	Pine	22	3		X			
113	<i>Pinus spp.</i>	Pine	24	4		X			
114	<i>Pinus spp.</i>	Pine	19	3		X			
115	<i>Quercus nigra</i>	Water Oak	17, 18	4	X		2:1	2	
116	<i>Pinus spp.</i>	Pine	18	3	X		2:1	2	
117	<i>Magnolia grandiflora</i>	Southern Magnolia	15	3	X		2:1	2	
118	<i>Pinus spp.</i>	Pine	16	2	X		2:1	2	
119	<i>Magnolia grandiflora</i>	Southern Magnolia	16	1	X		2:1	2	
120	<i>Pinus spp.</i>	Pine	29	5	X		2:1	2	
121	Not Used								
122	Not Used								
123	<i>Sabal palmetto</i>	Sabal Palm	12	5	X		2:1	2	
124	<i>Pinus spp.</i>	Pine	25	4	X		2:1	2	
125	<i>Pinus spp.</i>	Pine	23	4	X		2:1	2	
126	<i>Pinus spp.</i>	Pine	18	2	X		2:1	2	
127	<i>Pinus spp.</i>	Pine	18	3	X		2:1	2	
128	<i>Pinus spp.</i>	Pine	10	3	X		2:1	2	
129	<i>Quercus virginiana</i>	Live Oak	32	4	X		2:1-6	8	
130	<i>Pinus spp.</i>	Pine	22	3	X		2:1	2	
131	<i>Pinus spp.</i>	Pine	15	3		X			
132	<i>Quercus laurifolia</i>	Laurel Oak	10	3		X			
133	<i>Pinus spp.</i>	Pine	21	3	X		2:1	2	
134	<i>Pinus spp.</i>	Pine	14	2	X		2:1	2	
135	<i>Pinus spp.</i>	Pine	29	5	X		2:1	2	
136	<i>Pinus spp.</i>	Pine	10	3	X		2:1	2	
137	<i>Pinus spp.</i>	Pine	15	3	X		2:1	2	
138	<i>Pinus spp.</i>	Pine	15	2		X			
139	<i>Pinus spp.</i>	Pine	21	3		X			
140	<i>Pinus spp.</i>	Pine	13	3	X		2:1	2	
141	<i>Pinus spp.</i>	Pine	15	3	X		2:1	2	
142	<i>Pinus spp.</i>	Pine	18	3	X		2:1	2	
143	<i>Quercus virginiana</i>	Live Oak	43	5		X			
144	<i>Pinus spp.</i>	Pine	18	3		X			
145	<i>Pinus spp.</i>	Pine	15	2		X			
146	<i>Pinus spp.</i>	Pine	15	3		X			
147	<i>Pinus spp.</i>	Pine	15	2		X			
148	<i>Pinus spp.</i>	Pine	8	3		X			
149	<i>Pinus spp.</i>	Pine	8	4	X		2:1	2	
150	Not Used								
151	<i>Pinus spp.</i>	Pine	22	4		X			
152	<i>Pinus spp.</i>	Pine	22	3		X			
153	<i>Magnolia grandiflora</i>	Southern Magnolia	6	3		X			
154	<i>Pinus spp.</i>	Pine	25	2		X			
155	<i>Pinus spp.</i>	Pine	26	3		X			
156	<i>Carya illinoensis</i>	Pecan	22	2		X			
157	<i>Pinus spp.</i>	Pine	8	4		X			
158	<i>Quercus virginiana</i>	Live Oak	51	5		X			
159	<i>Carya illinoensis</i>	Pecan	13	3		X			
160	<i>Pinus spp.</i>	Pine	18	3		X			
161	<i>Pinus spp.</i>	Pine	18	3		X			
162	<i>Pinus spp.</i>	Pine	18	3		X			
163	<i>Pinus spp.</i>	Pine	22	3		X			
164	<i>Pinus spp.</i>	Pine	25	4		X			
165	<i>Quercus virginiana</i>	Live Oak	55	4		X			
166	<i>Quercus virginiana</i>	Live Oak	18	3	X		2:1	2	In FDOT Right of Way
167	<i>Quercus virginiana</i>	Live Oak	18	3	X		2:1	2	In FDOT Right of Way
168	<i>Quercus virginiana</i>	Live Oak	3	5	X		2:1	2	In FDOT Right of Way
169	<i>Quercus virginiana</i>	Live Oak	6	5	X		2:1	2	In FDOT Right of Way
170	<i>Quercus virginiana</i>	Live Oak	6	5	X		2:1	2	In FDOT Right of Way

SW Campus Transportation Improvements

EXISTING TREE INVENTORY AND MITIGATION CHART CONT.

AGRICULTURAL DRIVE, con't

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
171	Leguminosae spp.	Crape Myrtle	6	5	X		2:1	2	In FDOT Right of Way
172	Leguminosae spp.	Crape Myrtle	6	5	X		2:1	2	In FDOT Right of Way
173	Pinus spp.	Pine	32	4		X			
174	Pinus spp.	Pine	25	4		X			
175	Pinus spp.	Pine	28	3		X			
176	Juniperus silicea	Southern Red Cedar	10	4		X			
177	Pinus spp.	Pine	13	4		X			
178	Pinus spp.	Pine	9	4		X			
179	Sabal palmetto	Sabal Palm Cluster	12	4		X			
180	Pinus spp.	Pine	11	3		X			
181	Pinus spp.	Pine	16	3		X			
182	Pinus spp.	Pine	18	3		X			
183	Quercus macrocarpa	Live Oak	10	2	X		2:1	2	
184	Quercus macrocarpa	Live Oak	14	1	X		2:1	2	
185	Quercus macrocarpa	Live Oak	22	3	X		2:1	2	In City of Gainesville Right of Way
186	Quercus virginiana	Live Oak	14	3		X	2:1	2	In City of Gainesville Right of Way
187	Quercus virginiana	Live Oak	14	3		X	2:1	2	In City of Gainesville Right of Way
188	Quercus virginiana	Live Oak	14	3		X	2:1	2	In City of Gainesville Right of Way
189	Quercus virginiana	Live Oak	14	3		X	2:1	2	In City of Gainesville Right of Way
190	Quercus virginiana	Live Oak	16	3		X	2:1	2	In City of Gainesville Right of Way
191	Ulmus parviflorus	Drake Elm	25	5	X		2:1	2	In City of Gainesville Right of Way
192	Ulmus parviflorus	Drake Elm	25	4	X		2:1	2	In City of Gainesville Right of Way
193	Quercus macrocarpa	Live Oak	26	3	X		2:1	2	
194	Leguminosae spp.	Crape Myrtle	6	5	X		2:1	2	In FDOT Right of Way
195	Leguminosae spp.	Crape Myrtle	6	5	X		2:1	2	In FDOT Right of Way
196	Leguminosae spp.	Crape Myrtle	6	5	X		2:1	2	In FDOT Right of Way
AGRICULTURAL ROAD TOTAL MITIGATION:									102

MUSEUM DRIVE & RADIO ROAD

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
900	Acer rubrum	Red Maple	13	3	X		2:1	2	
901	Not Used								
902	Not Used								
903	Not Used								
904	Not Used								
905	Not Used								
906	Not Used								
907	Not Used								
908	Not Used								
909	Not Used								
910	Not Used								
911	Not Used								
912	Not Used								
913	Not Used								
914	Not Used								
915	Not Used								
916	Acer rubrum	Red Maple	15	2		X			
917	Quercus virginiana	Live Oak	46	4		X			
918	Acer rubrum	Red Maple	14	3		X			
919	Quercus virginiana	Live Oak	50	3		X			
920	Acer rubrum	Red Maple	29	3		X			
921	Quercus virginiana	Live Oak	67	4		X			
922	Quercus virginiana	Live Oak	26	4		X			
923	Quercus virginiana	Live Oak	26	4		X			
924	Quercus virginiana	Live Oak	26	3		X			
925	Quercus virginiana	Live Oak	26	4		X			
926	Pinus spp.	Pine	25	4		X			
927	Pinus spp.	Pine	10	4		X			
928	Pinus spp.	Shumard Oak	15	4		X			
929	Pinus spp.	Pine	15	3		X			
930	Quercus virginiana	Live Oak	24	3		X			
931	Sabal palmetto	Sabal Palm	12	3		X			
932	Sabal palmetto	Sabal Palm	12	3		X			
933	Sabal palmetto	Sabal Palm	15	3		X			
934	Sabal palmetto	Sabal Palm	9	3		X			
935	Sabal palmetto	Sabal Palm	13	3		X			
936	Sabal palmetto	Sabal Palm	12	3		X			
937	Quercus virginiana	Live Oak	35	3		X			
938	Acer rubrum	Red Maple	16	3		X	2:1	2	
939	Quercus macrocarpa	Live Oak	14	4		X	2:1	2	
940	Ulmus parviflorus	Drake Elm	14	4		X			
941	Ulmus parviflorus	Drake Elm	13	4		X			
942	Ulmus parviflorus	Drake Elm	13	4		X			
943	Carth. occidentalis	Hickory	7	3		X	2:1	2	Tree not included in survey but existing and likely impacted by new headwall grading.
944	Carth. occidentalis	Hickory	7	3		X	2:1	2	Tree not included in survey but existing and likely impacted by new headwall grading.

MUSEUM DRIVE & RADIO ROAD, con't

Tree No.	Scientific Name	Common Name	DBH	Rating	Remove	Remain	Mitigation	Replacement Trees	Notes
545	Unknown	Allowance for possible additional tree impacts not on survey	?		X		2:1	2	Tree not included in survey but existing and likely impacted by new headwall grading.
546	Unknown	Allowance for possible additional tree impacts not on survey	?		X		2:1	2	Tree not included in survey but existing and likely impacted by new headwall grading.
547	Unknown	Allowance for possible additional tree impacts not on survey	?		X		2:1	2	Tree not included in survey but existing and likely impacted by new headwall grading.
MUSEUM DRIVE & RADIO ROAD TOTAL MITIGATION:									16

Tree Removals:

Hull Road = 21 (6 others to be relocated)

Agricultural Drive = 48

(30 - UF, 10 - FDOT, 8 - CoG)

(1 Heritage #129)

Museum Drive & Radio Road = 8

Total Tree Removals = 77

Tree Mitigation Required:

Hull Road = 42

Agricultural Drive = 102

Museum Drive & Radio Road = 16

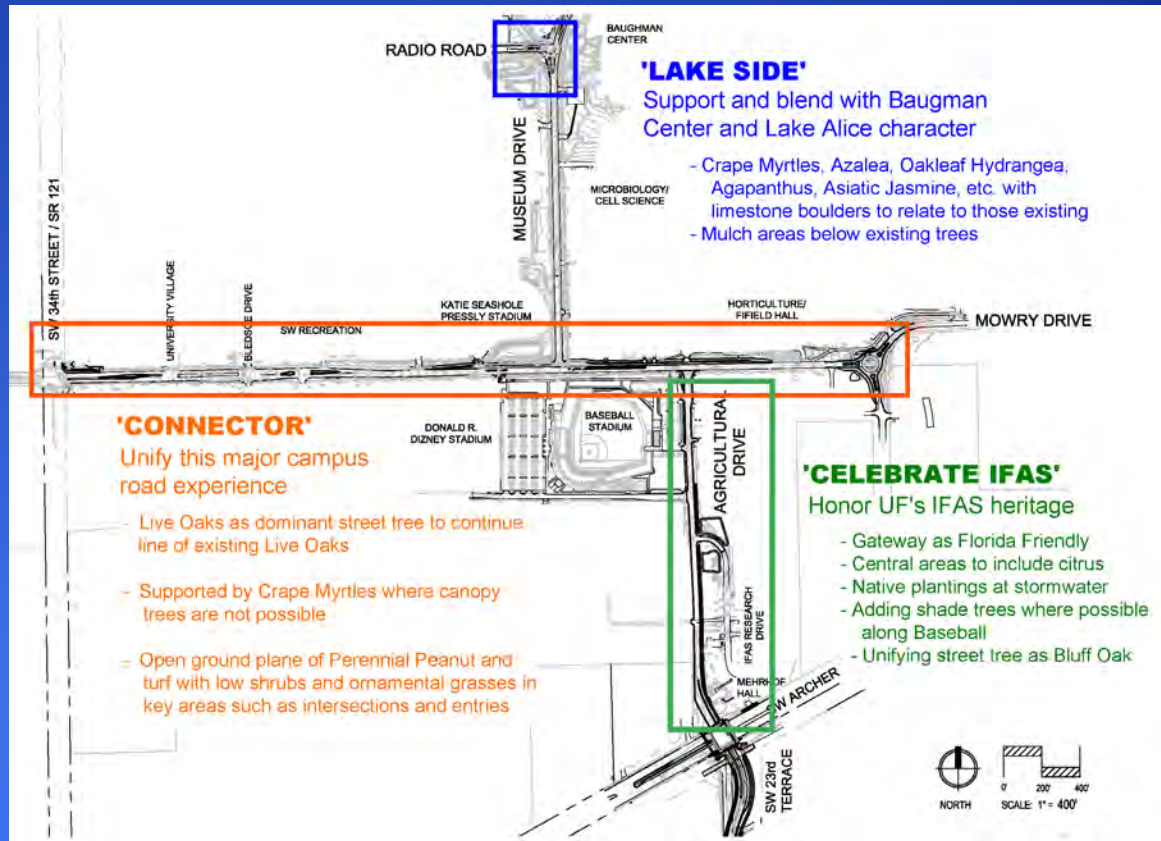
Total Tree Mitigation Required = 160

Tree Replacement Proposed = 217

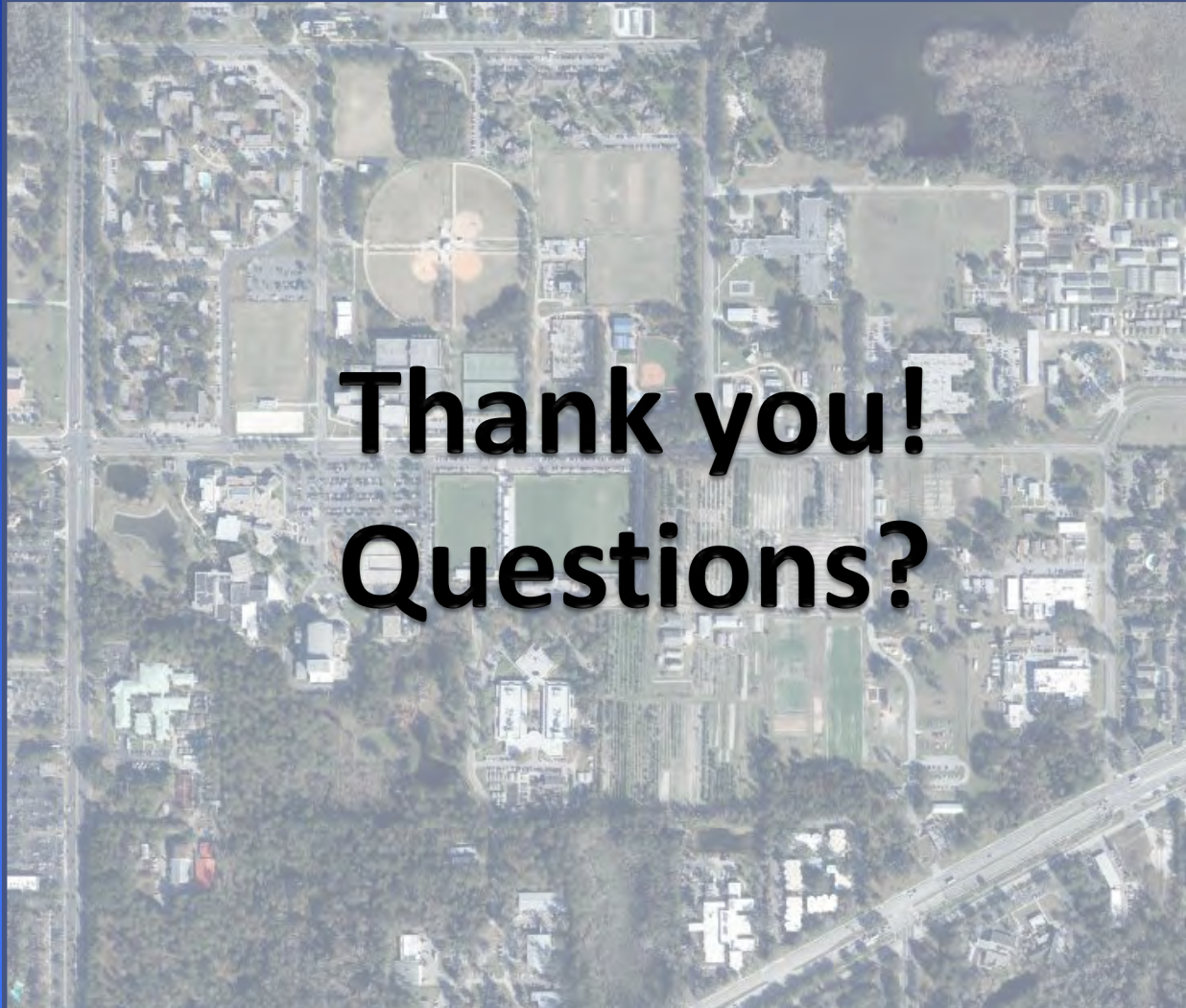
SW Campus Transportation Improvements

Schedule

- Design
 - ASD – 10/2019
 - DD – 12/2019
 - CD – 4/2020
- Construction
 - Start – 7/2020
 - Finish – 2/2021



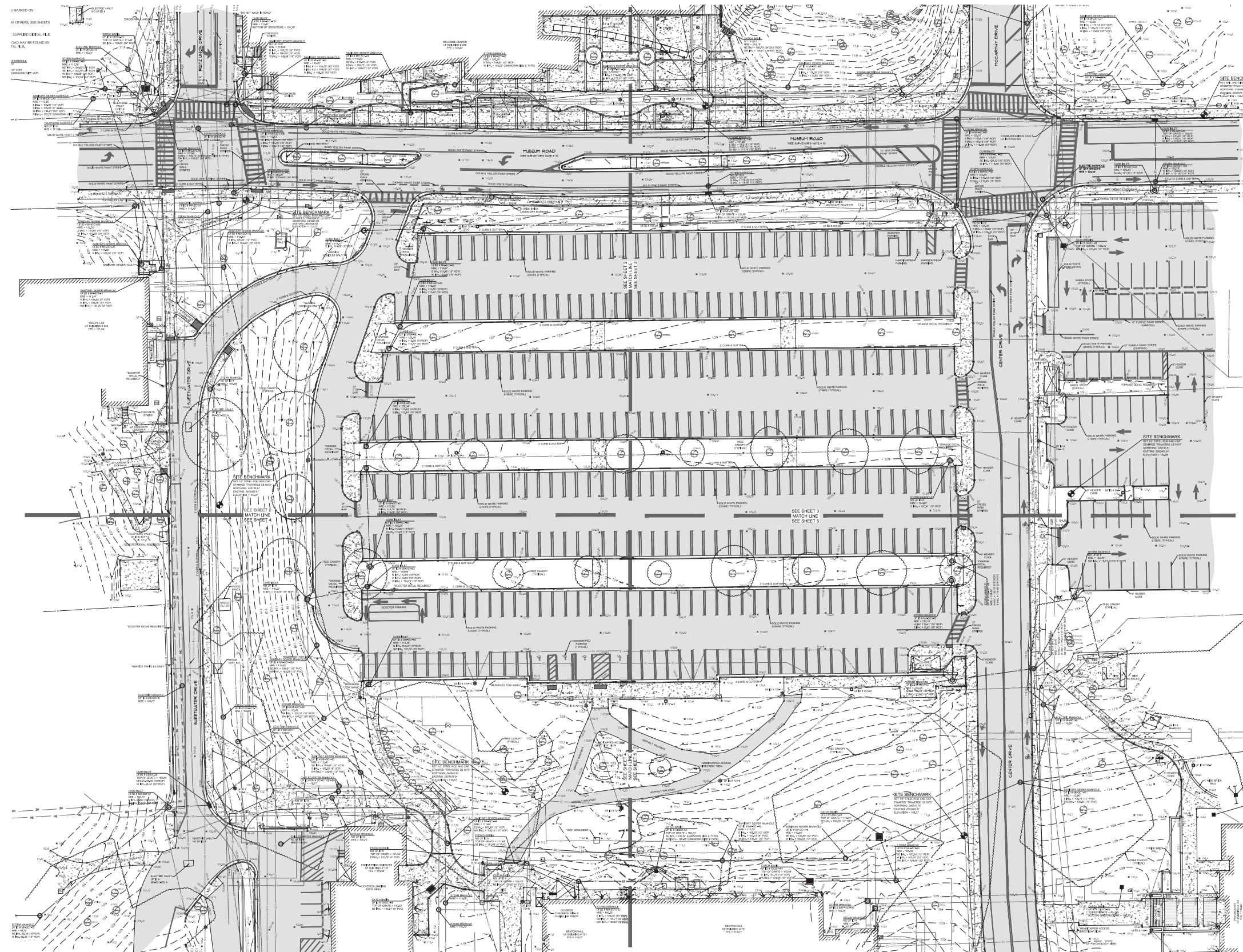
SW Campus Transportation Improvements



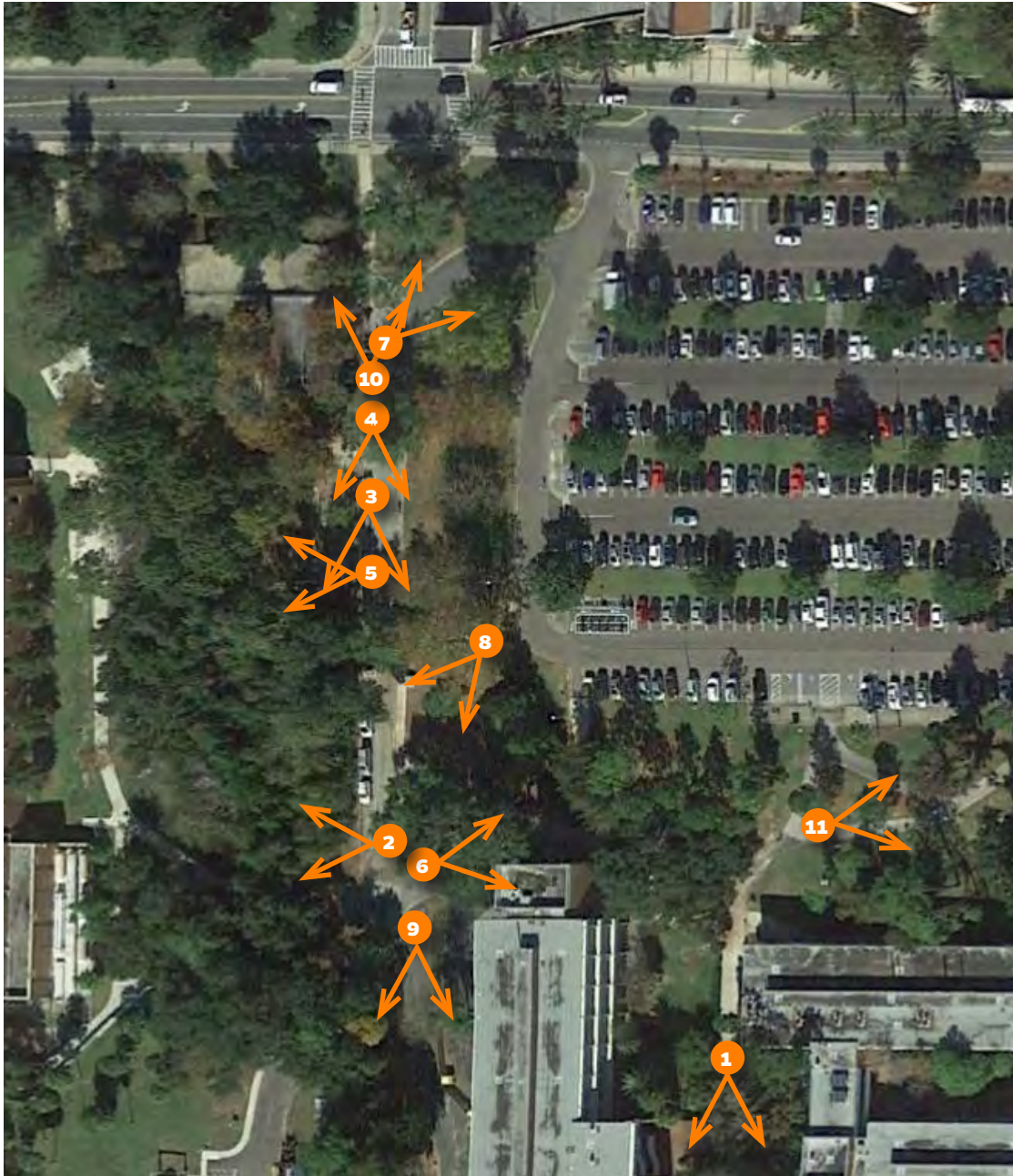
Thank you!
Questions?

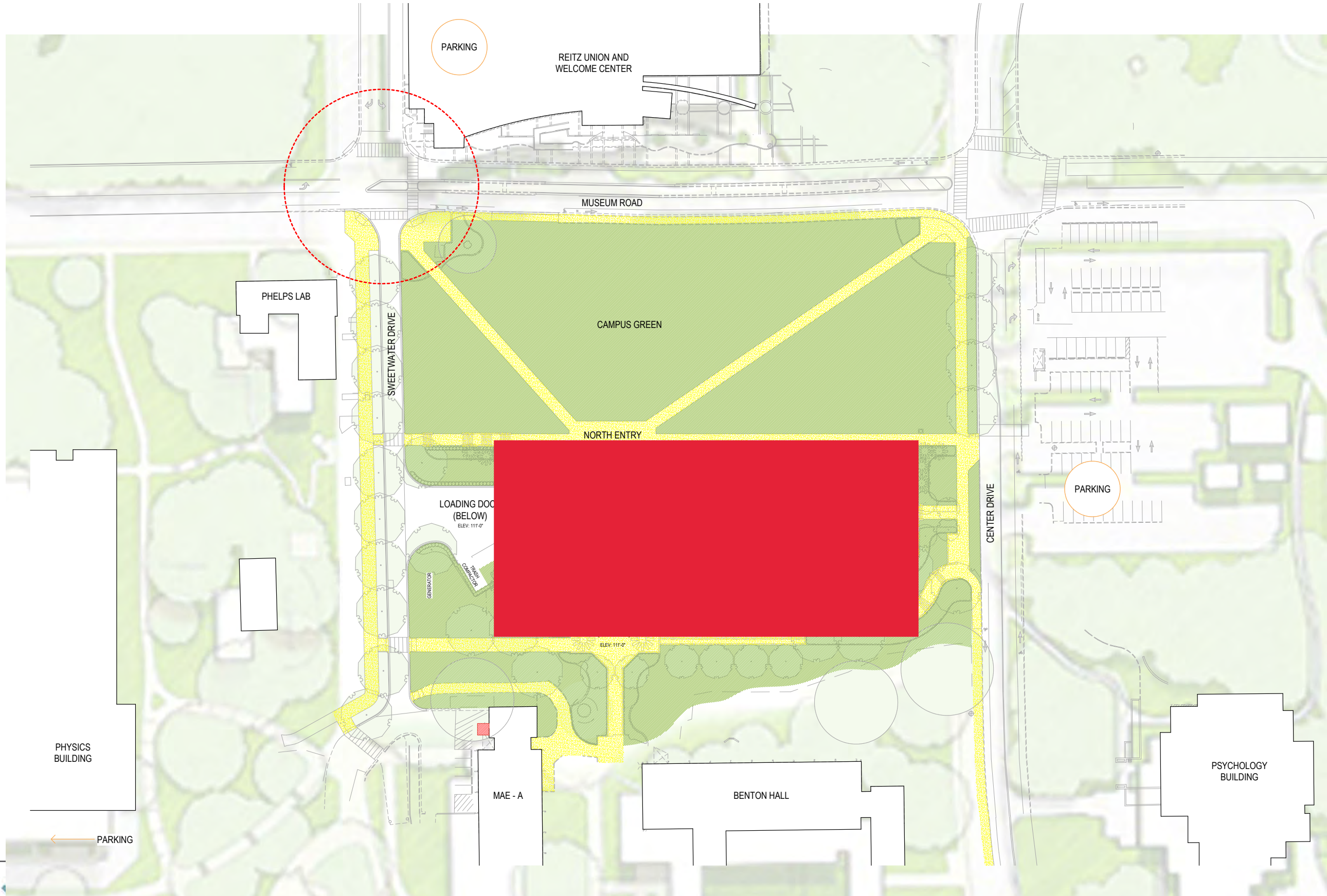


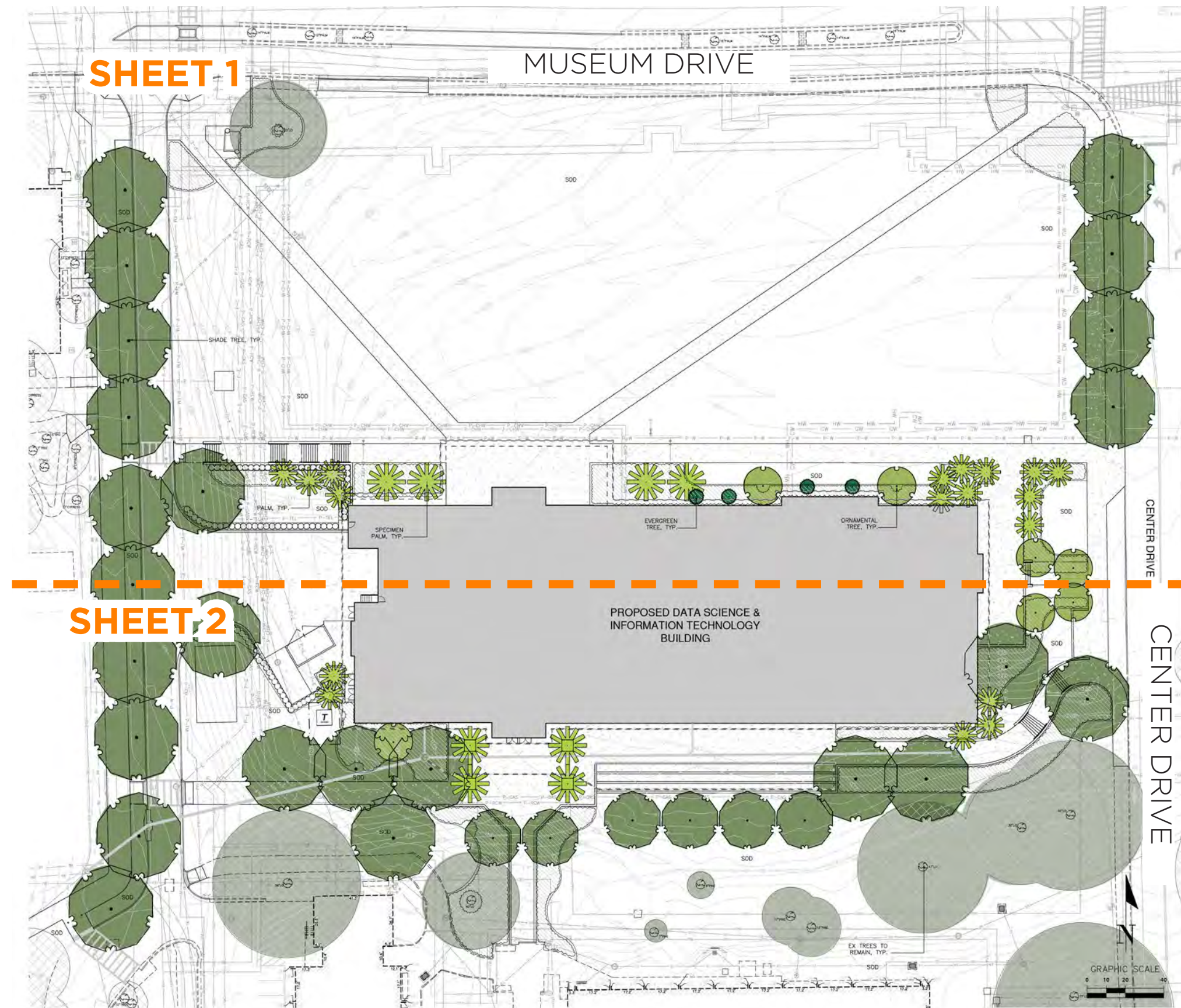
EXISTING SITE CONDITIONS

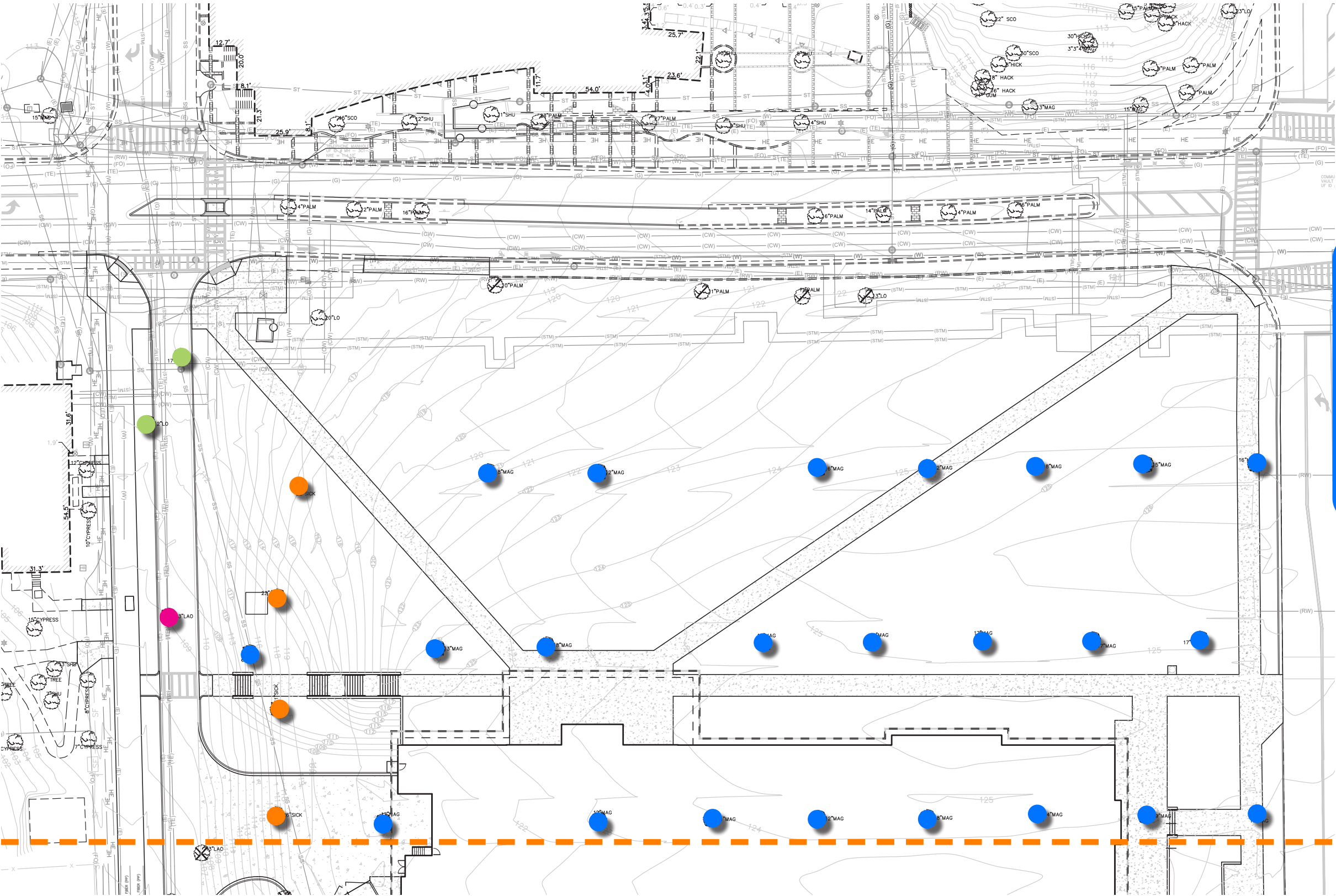


EXISTING SITE PHOTOS









**SHEET 1
TREE MITIGATION TOTALS:**

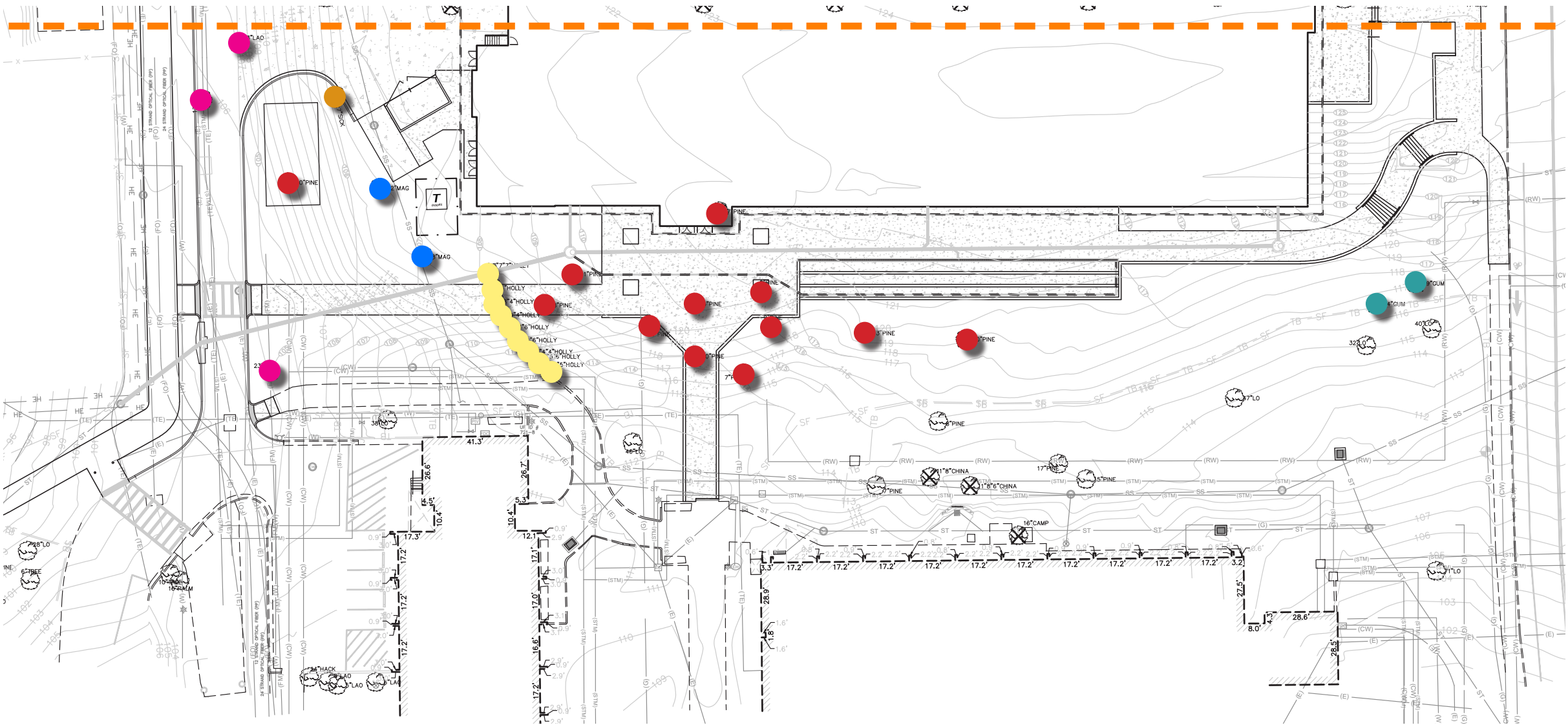
REGULATED TREES TO REMOVE:
(23) MAGNOLIAS
(2) LIVE OAKS
(1) LAUREL OAK
(2) SYCAMORE

HERITAGE TREES TO REMOVE:
22" SYCAMORE
22" SYCAMORE
26" SYCAMORE

LEGEND

- LIVE OAK TO REMOVE
- SYCAMORE TO REMOVE
- MAGNOLIA TO REMOVE
- LAUREL TO REMOVE





**SHEET 2
TREE MITIGATION TOTALS:**

REGULATED TREES TO REMOVE:

- (2) MAGNOLIA
- (3) LAUREL OAK
- (2) SWEETGUM
- (12) PINE
- (9) HOLLY

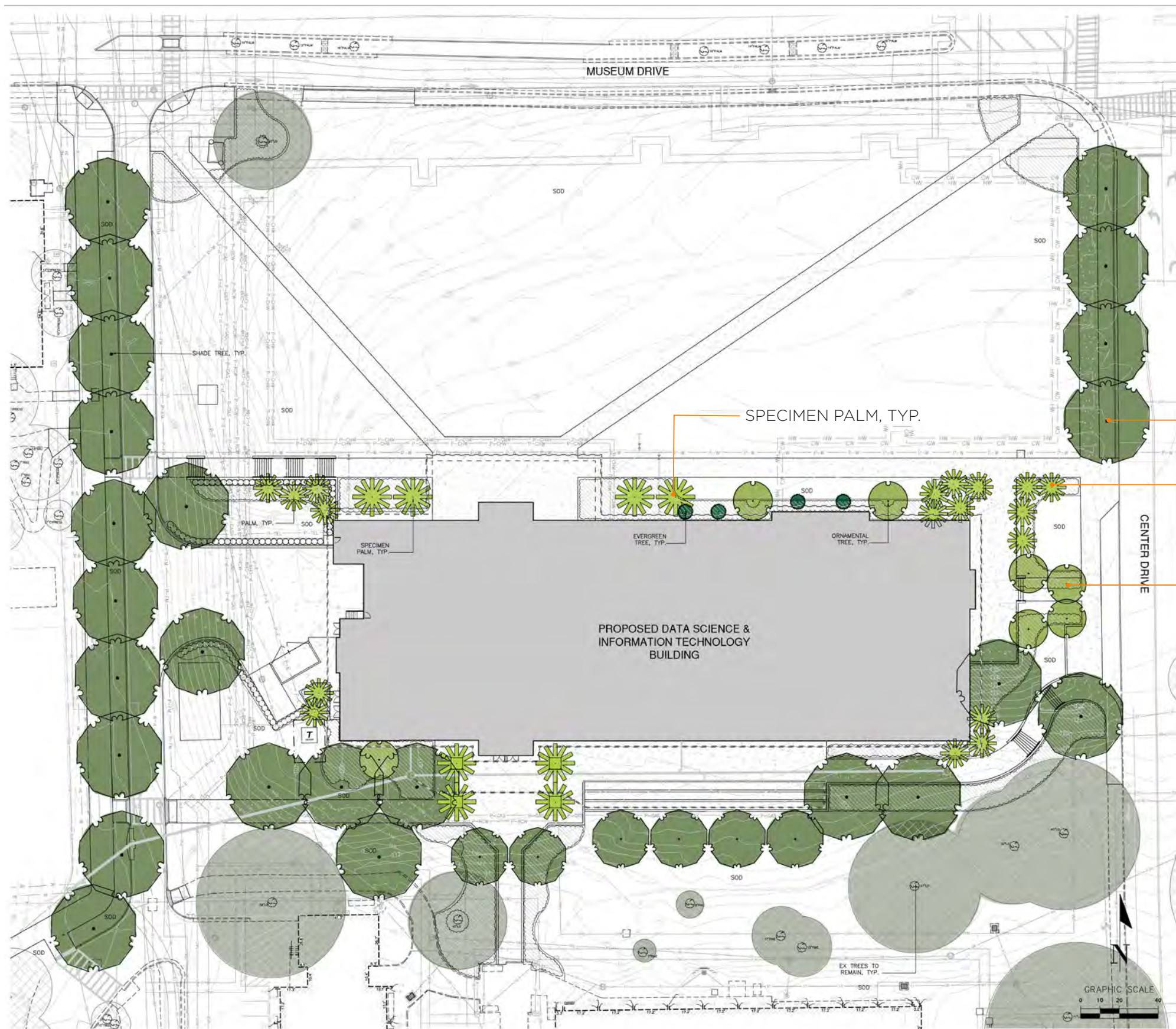
HERITAGE TREES TO REMOVE:

- 27" SYCAMORE

LEGEND

- SYCAMORE TO REMOVE
- MAGNOLIA TO REMOVE
- LAUREL TO REMOVE
- SWEETGUM TO REMOVE
- PINE TO REMOVE
- HOLLY TO REMOVE





TYPE	SUGGESTED SPECIES	SIZE
CANOPY TREES	LIVE OAK*, MAGNOLIA*, WINGED ELM*, TULIP POPLAR*	100 GALLON
ORNAMENTAL TREE	CRAPE MYRTLE*, RIVER BIRCH*	100 GALLON
EVERGREEN TREE	NELLIE STEVEN'S HOLLY*	65 GALLON
SPECIMEN PALM	WILD DATE PALM, MULE PALM, SABAL CAUSIARUM	VARIES
PALM	CABBAGE PALM*, NITIDA PALM	16'C.T.-22'C.T.

* CONSISTENT WITH UF LANDSCAPE MASTER PLAN PLANT LIST.

TREE MITIGATION TOTALS:

REGULATED TREES TO REMOVE:
(56) TOTAL TREES

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

HERITAGE TREES TO REMOVE:

22" SYC = 3 TREES
22" SYC = 3 TREES
26" SYC = 5 TREES
27" SYC = 6 TREES

TOTAL TREES REQUIRED FOR HERITAGE TREE MITIGATION:
(17) TREES OR \$4,250 REQUIRED FOR REQUIRED MITIGATION

TOTAL TREES REQUIRED MITIGATION:
(129) TREES

TOTAL TREES PROVIDED:
(41) TREES

TOTAL MITIGATION DEFICIT:
(88) TREES X \$250 PER TREE = \$22,000

SCHEMATIC PLANS
FOR
UF ANIMAL SCIENCES
AND RITCHY ROAD PARKING

Sheet List Table	
Sheet Number	Sheet Title
C0.0	COVERSHEET
C1.0	MASTER GEOMETRY
C2.0	ZOOMED GEOMETRY (RITCHY ROAD)
C2.1	ZOOMED GEOMETRY (ALT 1 ANIMAL SCIENCES)
C2.2	ZOOMED GEOMETRY (ALT 2 ANIMAL SCIENCES)



7525 NW 4th BOULEVARD, SUITE 70 / GAINESVILLE, FL 32607

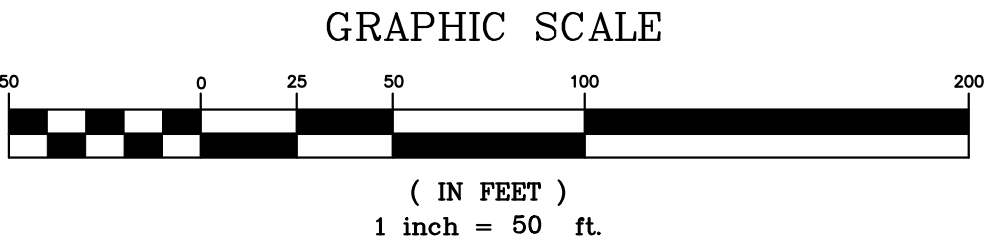
FEBRUARY 2020

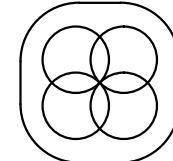
DRMP PROJECT NO. 17-0143.025



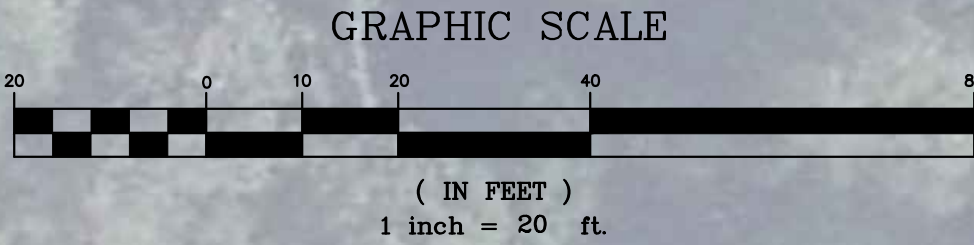
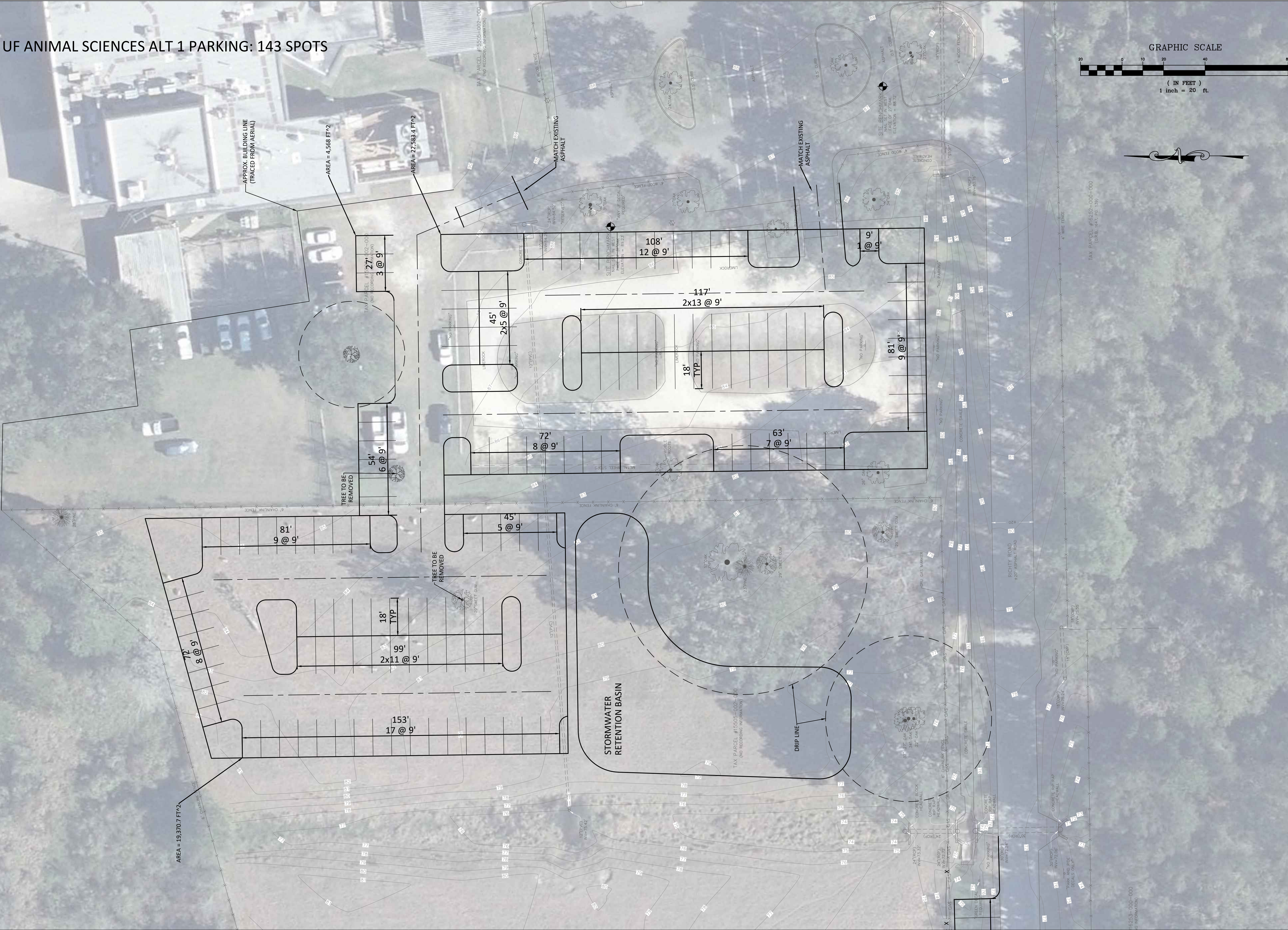
PARKING SPOT COUNT
RITCHY ROAD PARKING COUNT: 77 SPOTS
UF ANIMAL SCIENCES ALT 1 PARKING COUNT: 143 SPOTS
UF ANIMAL SCIENCES ALT 2 PARKING COUNT: 147 SPOTS
TOTAL ALT 1 PARKING: 220 SPOTS
TOTAL ALT 2 PARKING: 224 SPOTS

ALT 1 CONSISTS OF 18' X 9' SPACES AND 22' DRIVE AISLES
ALT 2 CONSISTS OF 18' X 8.5' SPACES AND 24' DRIVE AISLES



REVISIONS		NO.	DATE	DESCRIPTION	BY
DESIGNED BY	XXX	DRAWN BY	XXX	CHECKED BY	XXX
APPROVED BY	XXX				
UF ANIMAL SCIENCES PARKING GAINESVILLE, FLORIDA					
MASTER GEOMETRY					
DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFFERENCE					
DRMP ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS Certificate of Authorization No. 2648 9411 Barbara Lane Gainesville, Florida 32614 Phone: 407.898.0554 Fax: 407.898.4838 WWW.DRMP.COM					
DRMP, Inc.					
ENGINEER OF RECORD: State of Florida# XXXXX					
PROJECT NO.: 17-0143.025					
SCALE: 1" = 50'					
DATE: FEBRUARY, 2020					
DRAWING: C1.0					

UF ANIMAL SCIENCES ALT 1 PARKING: 143 SPOTS



DRMP ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS Certificate of Authorization No. 2648 941 Lake Baldwin Lane - Orlando, Florida 32814 Phone: 407.896.0594 Fax: 407.896.4838 www.drmp.com	UF ANIMAL SCIENCES PARKING GAINESVILLE, FLORIDA		ZOOMED GEOMETRY (ALT 1 ANIMAL SCIENCES)		DESIGNED BY XXX	NO.	DATE	DESCRIPTION	BY
					DRAWN BY XXX				
					CHECKED BY XXX				
					APPROVED BY XXX				
DO NOT SCALE THIS DRAWING — DIMENSIONS AND NOTES TAKE PREFERENCE									
DRMP, Inc.									
ENGINEER OF RECORD: State of Florida# XXXXX PROJECT NO.: 17-0143.025 SCALE: 1" = 20' DATE: FEBRUARY, 2020 DRAWING: C2.1									

DO NOT SCALE THIS DRAWING — DIMENSIONS AND NOTES TAKE PREFERENCE

UF ANIMAL SCIENCES ALT 2 PARKING: 147 SPOTS

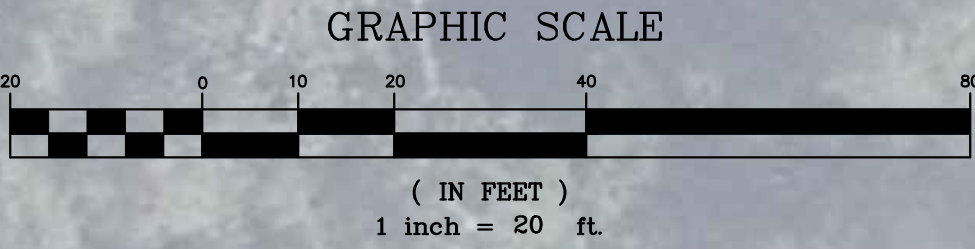


Laurel Oak s 10 DBH.

Sweet Gum Tree. This tree is much larger, and the top is broken off.



DRAINAGE



REVISIONS		NO.	DATE	DESIGNED BY	XXX	ZOOMED GEOMETRY (ALT 2 ANIMAL SCIENCES)	UF ANIMAL SCIENCES PARKING GAINESVILLE, FLORIDA	 DRMP ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS Certificate of Authorization No. 2648 941 Lake Baldwin Lane - Orlando, Florida 32814 Phone: 407.896.0594 Fax: 407.896.4838 www.drmp.com	DRMP, Inc.
		DESCRIPTION		DRAWN BY	XXX				
				CHECKED BY	XXX				
				APPROVED BY	XXX				
		BY		DO NOT SCALE THIS DRAWING - DIMENSIONS AND NOTES TAKE PREFERENCE					