IA TREE NO.	SCIENTIFIC NAME	nd MITIGAT		SPREAD(ft)	Hoight /EA	Condition	DISPOSITION	MITIGATION									
1	Conocarpus erectus	Green Buttonwood	28"	30	45'	Fair	Remain	WITTIGATION	81	Conocarpus erectus	Green Buttonwood	20"	24	50'	Fair	Remove	$\overline{}$
2	Quercus virginiana	Live Oak	17"	28	60'	Good	Remain		82	Conocarpus erectus	Green Buttonwood	18"	16	50'	Fair	Remove	+
3	Quercus virginiana	Live Oak	20"	30	50'	Good	Remain		83	Conocarpus erectus	Green Buttonwood	40"	36	50'	Fair	Remove	
4	Quercus virginiana	Live Oak	18"	36	50'	Good	Remain		84	Conocarpus erectus	Green Buttonwood	6"	13	15'	Fair	Remove	
5	Quercus virginiana	Live Oak	18"	21	50'	Fair	Remain		85	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair	Remove	
6	Quercus virginiana	Live Oak	26"	36	55'	Good	Remain		86	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair	Remove	\perp
7	Quercus virginiana	Live Oak	21"	30	45'	Good	Remain	1	87	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair	Remove	\bot
8	Conocarpus erectus	Green Buttonwood	23"	36	40'	Good	Remove	1017.36	88	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair	Remove	+
9	Conocarpus erectus	Green Buttonwood	30"	30	30'	Fair	Remove	706.5	89	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair	Remove	_
10	Washingtonia Palm	Mexican Fan Palm	12"	24	30'	Good	Remove	452.16	90	Washingtonia palm	Mexican Fan Palm	12"	12	45'	Fair Fair	Remove	+
11 12	Washingtonia Palm Washingtonia Palm	Mexican Fan Palm Mexican Fan Palm	13" 12"	24	24' 40'	Good Good	Remove Remove	452.16 452.16	91 92	Washingtonia palm Tabebuia heterophylla	Mexican Fan Palm Pink Trumpet Tree	12" 8"	12 12	45' 18'	Fair Fair	Remove Remove	+
13	Washingtonia Palm	Mexican Fan Palm	12"	24	24'	Good	Remove	452.16	92	Conocarpus erectus	Green Buttonwood	43"	30	40'	Fair	Remove	+
14	Conocarpus erectus	Green Buttonwood	38"	27	30'	Fair	Remove	572.265	94	Tabebuia heterophylla	Pink Trumpet Tree	10"	24	38'	Fair	Remove	+
15	Conocarpus erectus	Green Buttonwood	24"	21	30'	Fair	Remove	346.185	95	Tabebuia heterophylla	Pink Trumpet Tree	14"	24	50'	Poor	Remove	+
16	Conocarpus erectus	Green Buttonwood	22"	27	30'	Fair	Remove	572.265	96	Conocarpus erectus	Green Buttonwood	16"	17	45'	Poor	Remove	+
17	Conocarpus erectus	Green Buttonwood	24"	27	34'	Poor	Remove	572.265	97	Conocarpus erectus	Green Buttonwood	26"	18	45'	Fair	Remove	
18	Conocarpus erectus	Green Buttonwood	29"	30	34'	Fair	Remove	706.5	98	Conocarpus erectus	Green Buttonwood	21"	18	40'	Fair	Remove	
19	Conocarpus erectus	Green Buttonwood	22"	27	45'	Poor	Remove	572.265	99	Conocarpus erectus	Green Buttonwood	31"	17	40'	Fair	Remove	
20	llex cassine	Holly	!"	3	10'	Poor	Remove	7.065	100	Conocarpus erectus	Green Buttonwood	21"	24	40'	Fair	Remove	
21	Conocarpus erectus	Green Buttonwood	18"	27	35'	Poor	Remove	572.265	101	Conocarpus erectus	Green Buttonwood	32"	20	40'	Poor	Remove	
22	Conocarpus erectus	Green Buttonwood	33"	33	50'	Fair	Remove	854.865	102	Conocarpus erectus	Green Buttonwood	25"	25	40'	Fair	Remove	
23	Tabebuia heterophylla	Pink Trumpet Tree	7"	15	16'	Fair	Remove	176.625	103	Washingtonia palm	Mexican Fan Palm	12"	12	20'	Good	Remove	\bot
24	Tabebuia heterophylla	Pink Trumpet Tree	7"	21	18'	Good	Remove	346.185	104	Conocarpus erectus	Green Buttonwood	30"	21	55'	Fair	Remove	
25	llex cassine	Holly	3"	3	6'	Good	Remove	7.065	105	Quercus virginiana	Live Oak	25"	48	55	Good	Remove	
26	Conocarpus erectus	Green Buttonwood	31"	18	31	Fair	Remove	254.34	106	Conocarpus erectus	Green Buttonwood	34"	35	60'	Fair	Remove	
27 28	Conocarpus erectus Ilex cassine	Green Buttonwood Holly	35" 2"	24	50' 15'	Fair Poor	Remove Remove	452.16 19.625	107	Conocarpus erectus	Green Buttonwood	28"	34	40'	Good	Remove	+
<u>20</u> 29	Conocarpus erectus	Green Buttonwood	22"	27	34'	Fair	Remove	572.265	108	Conocarpus erectus	Green Buttonwood	30"	38	45'	Good	Remove	_
30	Conocarpus erectus	Green Buttonwood	23"	30	36'	Fair	Remove	706.5	109 110	Quercus virginiana	Live Oak	19" 28"	50 40	55' 40'	Good	Remove	+
31	Conocarpus erectus	Green Buttonwood	12"	15	28'	Fair	Remove	176.625	111	Quercus virginiana Quercus virginiana	Live Oak Live Oak	14"	27	30'	Good Good	Remove Remove	-
32	Conocarpus erectus	Green Buttonwood	14"	21	40'	Good	Remove	346.185	112	Quercus virginiana	Live Oak	26"	50	50'	Good	Remain	+
33	Conocarpus erectus	Green Buttonwood	6"	18	20'	Good	Remove	254.34	113	Quercus virginiana	Live Oak	26"	50	50'	Good	Remain	_
34	Conocarpus erectus	Green Buttonwood	43"	27	45'	Good	Remove	572.265	114	Conocarpus erectus	Green Buttonwood	24"	30	240'	Fair	Remain	+
36	Washingtonia palm	Mexican Fan Palm	9"	12	60'	Fair	Remain		115	Conocarpus erectus	Green Buttonwood	30"	40	35'	Good	Remove	1
37	Washingtonia palm	Mexican Fan Palm	9"	12	60'	Fair	Remain		116	Bucida buceras	Black Olive	16"	18	35'	Poor	Remove	
38	Washingtonia palm	Mexican Fan Palm	15"	12	60'	Good	Remain		117	Conocarpus erectus	Green Buttonwood	10"	25	30'	Poor	Remain	
39	Washingtonia palm	Mexican Fan Palm	12"	12	60'	Good	Remove	113.04	118	Quercus virginiana	Live Oak	14"	20	25'	Fair	Remain	
40	Washingtonia palm	Mexican Fan Palm	12"	12	35'	Good	Remain		120	Quercus virginiana	Live Oak	21"	32	45'	Good	Remove	
41	Washingtonia palm	Mexican Fan Palm	12"	12	55'	Good	Remain		121	Conocarpus erectus	Green Buttonwood	5"	9	12'	Poor	Remove	
42	Washingtonia palm	Mexican Fan Palm	12'	12	55'	Good	Remain		122	Conocarpus erectus	Green Buttonwood	43"	34	50'	Good	Remove	_
44	Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12' 12'	12 12	55' 55	Good Good	Remain Remain		123	Quercus virginiana	Live Oak	20"	30	45'	Good	Remove	_
45	Washingtonia palm	Mexican Fan Palm	12'	12	55	Good	Remove	113.04	124 125	Quercus virginiana	Live Oak	20" 16"	56 24	55' 30'	Good Good	Remove Remove	+
46	Washingtonia palm	Mexican Fan Palm	12'	12	55'	Good	Remove	113.04	125	Tabebuia heterophylla Quercus virginiana	Pink Trumpet Tree Live Oak	16"	50	50'	Good	Remove	-
47	Washingtonia palm	Mexican Fan Palm	26"	12	55'	Good	Remove	113.04	127	Tabebuia heterophylla	Pink Trumpet Tree	13"	25	30'	Good	Remove	+
48	Washingtonia palm	Mexican Fan Palm	12"	12	55'	Good	Remove	113.04	128	Quercus virginiana	Live Oak	12"	26	35'	Good	Remove	+
49	Washingtonia palm	Mexican Fan Palm	12"	12	55'	Good	Remove	113.04	129	Quercus virginiana	Live Oak	14"	16	30	Fair	Remove	+
50	Washingtonia palm	Mexican Fan Palm	12"	12	55'	Good	Remove	113.04	130	Quercus virginiana	Live Oak	9"	27	30'	Fair	Remove	\top
51	Washingtonia palm	Mexican Fan Palm	10"	12	55'	Good	Remove	113.04	131	Quercus virginiana	Live Oak	16"	40	36	Fair	Remove	
52	Washingtonia palm	Mexican Fan Palm	12"	12	55'	Good	Remove	113.04	132	Quercus virginiana	Live Oak	11"	18	30'	Fair	Remove	
53	Washingtonia palm	Mexican Fan Palm	14"	12	55'	Good	Remove	113.04	133	Quercus virginiana	Live Oak	14"	18	30'	Poor	Remove	
54	Quercus virginiana	Live Oak	11"	12	50'	Poor	Remove	113.04	134	Quercus virginiana	Live Oak	30"	54	50'	Good	Remove	
55	Quercus virginiana	Live Oak	20"	50	45'	Good	Remove	1962.5	135	Quercus virginiana	Live Oak	16"	36	50'	Good	Remove	
56	Washingtonia palm	Mexican Fan Palm	12"	12	50'	Fair	Remove	113.04	136	Quercus virginiana	Live Oak	32"	30	45'	Fair	Remove	\perp
57	Washingtonia palm	Mexican Fan Palm	12" 4"	12	50'	Fair	Remove	113.04	137	Quercus virginiana	Live Oak	18"	36	55'	Fair	Remove	\perp
58 59	Phoenix robelenii Phoenix robelenii	Pygmy Date Palm Pygmy Date Palm (dbl)	4"	J	12' 12'	Good Good	Remove	63.585 200.96	138	Conocarpus erectus	Green Buttonwood	30"	24	45'	Good	Remove	+
60	Phoenix robelenii	, , ,	4 //"	16 16		Good	Remove Remove	200.96	139	Conocarpus erectus	Green Buttonwood	37"	27	45'	Good	Remove	_
61	Phoenix robelenii	Pygmy Date Palm (dbl) Pygmy Date Palm (dbl)	4 4"	16	12' 12'	Good	Remove	200.96	140 141	Conocarpus erectus	Green Buttonwood	8" 11"	18 20	20' 25'	Poor Good	Remove Remove	+
62	Phoenix robelenii	Pygmy Date Palm (dbl)	Δ"	16	12'	Good	Remove	200.96	142	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	20	24	30'	Good	Remove	+
63	Phoenix robelenii	Pygmy Date Palm (dbl)	4"	16	12'	Good	Remove	200.96	143	Conocarpus erectus	Green Buttonwood	9"	24	30'	Good	Remove	+
64	Phoenix robelenii	Pygmy Date Palm (dbl)	4"	16	12'	Good	Remove	200.96	144	Conocarpus erectus	Green Buttonwood	8	24	28	Fair	Remove	+
65	Phoenix robelenii	Pygmy Date Palm (dbl)	4"	16	12'	Good	Remove	200.96	145	Conocarpus erectus	Green Buttonwood	36"	30	55'	Fair	Remove	+
66	Tabebuia heterophylla	Pink Trumpet Tree	9"	30	24'	Good	Remove	706.5	146	Conocarpus erectus	Green Buttonwood	40"	27	55'	Fair	Remove	+
67	Tabebuia heterophylla	Pink Trumpet Tree	22"	30	30'	Good	Remove	706.5	147	Conocarpus erectus	Green Buttonwood	42"	24	50'	Poor	Remove	
68	Conocarpus erectus	Green Buttonwood	34"	40	40'	Good	Remove	1256	148	Conocarpus erectus	Green Buttonwood	31"	18	40'	Poor	Remove	
69	Quercus virginiana	Live Oak	20"	20	30'	Poor	Remove	314	149	Conocarpus erectus	Green Buttonwood	18"	15	35'	Poor	Remove	
70	Quercus virginiana	Live Oak	17"	20	40'	Fair	Remove	314	150	Conocarpus erectus	Green Buttonwood	36"	22	40'	Poor	Remove	
71	Quercus virginiana	Live Oak	17"	30	35'	Fair	Remove	706.5	151	Conocarpus erectus	Green Buttonwood	41"	30	50'	Poor	Remove	\perp
72	Washingtonia palm	Mexican Fan Palm	12"	12	60'	Good	Remove	113.04	152	Conocarpus erectus	Green Buttonwood	24"	30	45'	Poor	Remove	\perp
73	Washingtonia palm	Mexican Fan Palm	12"	12	60'	Good	Remove	113.04	153	Conocarpus erectus	Green Buttonwood	9"	15	20'	Fair	Remove	\bot
74	Washingtonia palm	Mexican Fan Palm	12"	12	60'	Good	Remove	113.04	154	Conocarpus erectus	Green Buttonwood	13"	15	24'	Fair	Remove	
75	Quercus virginiana	Live Oak	19"	40	50'	Good	Remove	1256	155	Conocarpus erectus	Green Buttonwood	10"	15	20'	Fair	Remove	
76	Washingtonia palm	Mexican Fan Palm	12"	12	45	Fair	Remove	113.04	156	llex cassine	Holly		7	12'	Fair	Remove	
77 78	Washingtonia palm	Mexican Fan Palm	12"	12	45	Fair	Remove	113.04	157	Conocarpus erectus	Green Buttonwood	46"	36	60'	Fair	Remove	+
10	Washingtonia palm	Mexican Fan Palm Pink Trumpet Tree	12" 12"	12 22	45 25'	Fair Fair	Remove Remove	113.04 379.94	158 159	Quercus virginiana Quercus virginiana	Live Oak Live Oak	12" 15"	24 30	30' 35'	Poor Poor	Remain Remain	+
79	Tabebuia heterophylla						- cm 0.70	. «/44//	450	/ Morous Mramions	1 in a O ala	. AEU					

161	Ficus lyrata	Fiddle Leaf Fig Tree	9"	18	20'	Poor	Remain	
162	Ptchosperma macarthurii	MacAurthur Palm	4"	5	8'	Fair	Remain	
163	Ptchosperma macarthurii	MacAurthur Palm	4"	5	8'	Fair	Remain	
164	Quercus virginiana	Live Oak	12"	18	26'	Poor	Remain	
165	Conocarpus erectus serceus	Silver Buttonwood	12"	12	10'	Poor	Remain	
66	Ptchosperma macarthurii	MacAurthur Palm	4"	5	8'	Fair	Remain	
67	Quercus virginiana	Live Oak	5"	15	25'	Poor	Remain	
168	Quercus virginiana	Live Oak	6"	12	18'	Poor	Remain	
169	Quercus virginiana	Live Oak	8"	16	20'	Poor	Remain	
170	Quercus virginiana	Live Oak	8"	14	20'	Poor	Remain	
171	Conocarpus erectus	Green Buttonwood	10"	12	18'	Fair	Remain	
172	Conocarpus erectus	Green Buttonwood	10"	16	20'	Fair	Remain	
173	Ptchosperma macarthurii	MacAurthur Palm	4"	5	8'	Poor	Remain	
174	Schefflera	Umbrella Tree	6"	6	12'	Poor	Remove	Invasive
175	Conocarpus erectus	Green Buttonwood	6"	7	12'	Fair	Remain	
176	Ptchosperma macarthurii	MacAurthur Palm	2"	4	8'	Fair	Remain	
177	Conocarpus erectus	Green Buttonwood	6"	7	12'	Fair	Remain	
178	Conocarpus erectus	Green Buttonwood	6"	7	12'	Fair	Remain	
179	Conocarpus erectus	Green Buttonwood	6"	7	12'	Fair	Remain	
180	Conocarpus erectus	Green Buttonwood	6"	7	12'	Fair	Remain	
181	Schefflera ""	Umbrella Tree	8"	6	12'	Poor	Remove	Invasive
182	Ptchosperma macarthurii	MacAurthur Palm	3"	6	12'	Fair	Remain	
183 184	Quercus virginiana Schefflera	Live Oak	10" 4"	16 5	20' 12'	Poor Poor	Remain	Invesive
184 185	Scneπiera Sabal palmetto	Umbrella Tree	4" 14"	5 8	12' 12'	Poor Fair	Remove Remain	Invasive
185	Quercus virginiana	Sabal Palm Live Oak	10"	17	22'	Fair Fair	Remain Remain	
187	Conocarpus erectus	Green Buttonwood	10"	16	20'	Fair	Remain	
188	Schefflera	Umbrella Tree	6"	7	12'	Fair	Remove	Invasive
189	Sabal palmetto	Sabal Palm	14"	8	10'	Fair	Remain	
190	Schefflera	Umbrella Tree	5"	6	12'	Fair	Remove	Invasive
191	Schefflera	Umbrella Tree	4"	4	8'	Fair	Remove	Invasive
192	Conocarpus erectus	Green Buttonwood	10"	16	20'	Fair	Remain	
193	Schefflera	Umbrella Tree	3"	4	6'	Fair	Remove	Invasive
194	Ptchosperma macarthurii	MacAurthur Palm	3"	4	5'	Fair	Remain	
195	Conocarpus erectus	Green Buttonwood	6"	10	16'	Fair	Remain	
196	Sabal palmetto	Sabal Palm	14"	8	10'	Fair	Remain	
197	Conocarpus erectus serceus	Silver Buttownwood	4"	5	10'	Poor	Remain	
198	Conocarpus erectus serceus	Silver Buttownwood	4"	5	10'	Poor	Remain	
199	Conocarpus erectus	Green Buttonwood	5"	6	15'	Poor	Remain	
200 201	Quercus virginiana Schefflera	Live Oak	8" 4"	12 5	15' 12'	Fair Poor	Remain Remove	Invacina
201	Scneπiera Ptchosperma macarthurii	Umbrella Tree	4" 4"	4	5'	Fair	Remove Remain	Invasive
202	Ptchosperma macarthurii Ptchosperma macarthurii	MacAurthur Palm MacAurthur Palm	3"	3	4'	Fair Fair	Remain Remain	
203	Ptchosperma macarthurii	MacAurthur Palm	3"	4	4'	Fair	Remain	
205	Quercus virginiana	Live Oak	3"	20	25'	Fair	Remain	
206	Conocarpus erectus	Green Buttonwood	14"	20	18'	Poor	Remain	
207	Conocarpus erectus	Green Buttonwood Green Buttonwood	12"	18	16'	Poor	Remain	
208	Conocarpus erectus	Green Buttonwood	10"	18	20'	Poor	Remain	
209	Conocarpus erectus	Green Buttonwood	22"	20	20'	Poor	Remain	
210	Schefflera	Umbrella Tree	8"	8	20'	Fair	Remove	Invasive
211	Schefflera	Umbrella Tree	8"	8	18'	Fair	Remove	Invasive
212	Ptchosperma macarthurii	MacAurthur Palm	5"	6	9'	Fair	Remain	
213	Ptchosperma macarthurii	MacAurthur Palm	4"	5	7'	Fair	Remain	
214	Ptchosperma macarthurii	MacAurthur Palm	5"	4	7'	Fair	Remain	
215	Quercus virginiana	Live Oak	18"	36	35'	Fair	Remain	
216	Quercus virginiana	Live Oak	16"	24	30'	Fair	Remain	
217	Schefflera	Umbrella Tree	6"	8	30'	Poor	Remain	N.I.S.
218	Sabal palmetto	Sabal Palm	14"	9	12'	Fair	Remain	
219	Quercus virginiana	Live Oak	12"	15	25'	Fair	Remain	
220	Sabal palmetto	Sabal Palm	24"	15	16'	Fair	Remain	
221	Schefflera	Umbrella Tree	6"	8	10'	Poor	Remove	Invasive
222	Quercus virginiana	Live Oak	16"	18	20'	Fair	Remain	
223	Quercus virginiana	Live Oak	10"	18	25'	Poor	Remain	Le.
224	Ficus benjamina	Figure Tree	1"	2	2'	Poor	Remove	Invasive
225	Ficus benjamina	Ficus Tree	1"	3	3' 3"	Poor	Remove	Invasive
226 227	Ficus benjamina Ficus benjamina	Figure Tree Cluster	3" 3"	4 3	3" 4'	Poor Poor	Remove Remove	Invasive
227	Ficus benjamina Ficus benjamina	Figure Tree	2"	4	5"	Poor	Remove Remove	Invasive
228		Figure Tree	1"	3	3"			Invasive
	Ficus benjamina	Figure Tree	-		_	Poor	Remove	Invasive
230 231	Ficus benjamina	Figure Tree	2" 2"	3 4	3' 5'	Poor Poor	Remove Remove	Invasive
231	Ficus benjamina Ficus benjamina	Figus Tree	2"	3	5'	Poor	Remove	Invasive
232	Schefflera	Ficus Tree Umbrella Tree	6"	4	7"	Poor	Remove	Invasive Invasive
233 234	Ficus benjamina	Ficus Tree	1"	3	3'	Poor	Remove	Invasive
235	Ficus benjamina	Ficus Tree Ficus Tree	1"	2	3'	Poor	Remove	Invasive
	Ficus benjamina	Ficus Tree	2"	3	6'	Poor	Remove	Invasive
236	I ICUS DEIDEITHE							
236	r icus berijarnina	Tidds Tidd					Total Canopy	65339

MITIGATION	V CALCULA	TIONS	
CATEGORY	QUANTITY	CANOPY CREDIT (sqft.)	CANOPY (sqft.)
Shade Tree 1		500	
Shade Tree 2	81	300	24300
Palm Tree 1	16	300	4800
Palm Tree 2	30	100	3000
Small Tree		200	

Total Canopy Provided 32,100.00

TREE REM	TREE REMUNERATION SCHEDULE									
CATEGORY	CANOPY TO BE REMOVED	NUMBER OF TREES BASED ON CANOPY SHADE TREE 1 and 2	TO BE PAID INTO FUND							
Total Trees to be Installed per plant Schedule on L-200	81	24300								
Tree Remuneraton Schedule	33238	67	\$27,637.50							

Replacement costs are required for removing trees required prior to building permit, these costs would be allowed to be used for public art, pedestrian walkway enhancements, building façade enhancements for the public, opens pace amenities or other similar items for this particular project

> CALL 48 HOURS BEFORE YOU DIG IT'S THE LAW! Know what's **below.** Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

OAKWOOD SOUTH RETAIL SHOPPING CENTER

*PLEASE REFER TO SHEET L-100 FOR TREE DISPOSITION PLAN

SHEET NUMBER L-101

E SCHEDULE MITIGATION

A. Natural Resource - Existing trees or palms.

B. Critical Root Zone - The minimum volume of roots necessary to have for tree health and stability.

C. DBH - Diameter Breast High - Indicates the location on the trunk, approximately 4.5' above ground, to

measure the diameter of a tree.

D. Preserved Trees - Trees that are to be saved/remain in place. E. Owner's Representative - A representative, hired and paid for by the owner, that supervises

the construction of the procedures shown on the tree disposition plans. F. Tree Protection Zone (TPZ) - The area surrounding a tree defined by a specified distance, which excavation and other construction related activities should be avoided. The TPZ is variable depending on species,

factors, age and health of the plant, soil conditions, and proposed construction. G. Contractor's Certified Arborist - an independent ISA Certified Arborist, hired and paid for by

the contractor, that supervises the construction of the procedures shown on the tree

PART 2 - TREE BARRIER

A. Tree Protector Barrier Material.

- 1. Six (6) foot tall wire mesh construction fence supported by eight (8) foot tall metal T-Bar Posts and Post Caps.
- 2. The tree protector barrier shall have a two (2) foot by two (2) foot "tree protection zone" sign affixed to the fence every twenty (20) feet placed in such a manner to be clearly visible to the construction workers. The sign must be made up of weather resistant material.
- 3. The eight (8) foot tall metal T-Bar Post and Post Cap shall be placed a maximum of six (6) foot intervals.

PART 3 - EXECUTION

A. If hazards are determined by qualified certified arborist in an individual tree then those hazards can be mitigated

- according to the specifications given by the Qualified Certified Arborist. 1. The tree disposition list. This item is to be coordinated by the Qualified Certified Arborist
- 2. All pruning shall be done in accordance with ANSI A300 (Part 1) Pruning and best management practices. 3. The Contractor's Certified Arborist shall be present during all pruning operations.

B. Root Pruning - Refer to Arborist Report

- 1. Trenching locations shall be approved in the field by the Owner's Representative and the Contractor's Certified Arborist. 2. All roots shall be cut by hand.
- 3. The trench shall be backfilled minus debris and large rocks, as directed by the Contractor's Certified Arborist.
- 4. Phased root pruning timeframes vary by species. Contractor's certified arborist shall direct pruning schedule.
- C. Tree Protector Barrier
 - 2. Tree Protector Barrier shall be placed by the Contractor around each tree to remain as directed by the Contractor's Certified Arborist.

1. Contractor shall remove and discard all trees shown as "Remove" on the Tree Disposition Plan and the Tree Disposition List.

Tree stump shall be ground below grade. Care shall be taken to not damage

- the existing trees marked to remain and their critical root zones shall not be compacted by equipment.
- 2. If Tree Protector Barrier is damaged, repair shall be performed immediately.
- 3. Contractor shall remove and haul away from the job site all wood generated from tree removals, including stumps, the same day the removal happens. 4. Burn pits are not allowed.

PART 4 - PENALTIES

A. Repair of Damaged Trees To Remain

1. If any damage to trees to remain or other natural resources should occur by accident or negligence during the construction period, shall be immediately inspected by Qualified Certified Arborist who shall determine the prescription of care at the Contractor's expense.

PART 5 - TREE PROTECTION

- A. Contractor's Certified Arborist to determine the location of the Tree Protector Barrier around each tree to remain based on his/her analysis of each
- existing tree to remain that is adjacent to construction improvements such as utility installation, pavement addition and/or restoration, etc. B. Contractor shall maintain and repair the Tree Protector Barrier during site construction operations.
- Contractor's access to the fenced tree protection areas will be permitted only with approval of Owner's Representative and Contractor's Certified Arborist's written directive. D. There shall no be change in grade within the critical root zone as per ANSI Standards.
- E. Contractor shall clear by hand all vegetation to grade within the critical root zones of trees to remain.
- F. Contractor shall not install conduit, sprinklers, or any utility line in any critical root zone areas without the approval of the Contractor's Certified Arborist and Owner's Representative.

PART 6 - IRRIGATION

A. Contractor shall irrigate trees as specified by Landscape Architect and Qualified Certified Arborist.

B. On a monthly basis an irrigation audit shall be conducted by an irrigation specialist for review by Landscape Architect or Qualified Certified Arborist.

WEATHER RESISTANT MATERIAL 2' X 2' "TREE PROTECTION ZONE" SIGN.

3 EIGHT (8) FOOT TALL METAL T-BAR POSTS, 24" MINIMUM BURIAL BELOW GRADE OR AS REQUIRED TO CREATE A SAFE CONDITION, WHICHEVER GREATEST. SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO

A. POST SELECTION SHOULD BE BASED ON

EXPECTED STRENGTH NEEDS AND THE LENGTH OF TIME FENCE WILL BE IN PLACE.

METAL "T" POSTS OR ARE TYPICALLY USED FOR CONSTRUCTION

GROUND TO A DEPTH OF TWO (2) FEET MINIMUM OR AS REQUIRED TO ENSURE A SAFE CONDITION. SPACE POSTS 6' MAXIMUM ON



CORNER CONNECTION CONNECTION

SIX (6) FOOT TALL WIRE MESH CONSTRUCTION FENCE BY EIGHT (8) 1) FOOT TALL METAL T-BAR POSTS AND POST CAPS. SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR

(2) SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.

INSTALLATION.

INSTALLATION NOTES:

FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. AND OTHER APPLICATIONS.

B. POSTS SHALL BE DRIVEN INTO THE

C. SECURE FENCING TO POST WITH NYLON CABLE TIES (AVAILABLE FROM CONWED PLASTICS). WOOD STRIPS MAY BE ALSO BE USED TO PROVIDE ADDITIONAL SUPPORT AND PROTECTION BETWEEN TIES AND POSTS.

NOTE: IF WIRE TIES ARE USED, AVOID DIRECT CONTACT WITH PROTECTOR BARRIER, WIRE MAY DAMAGE PROTECTOR BARRIER





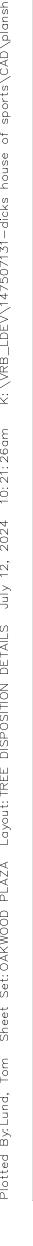
DISPOSITION

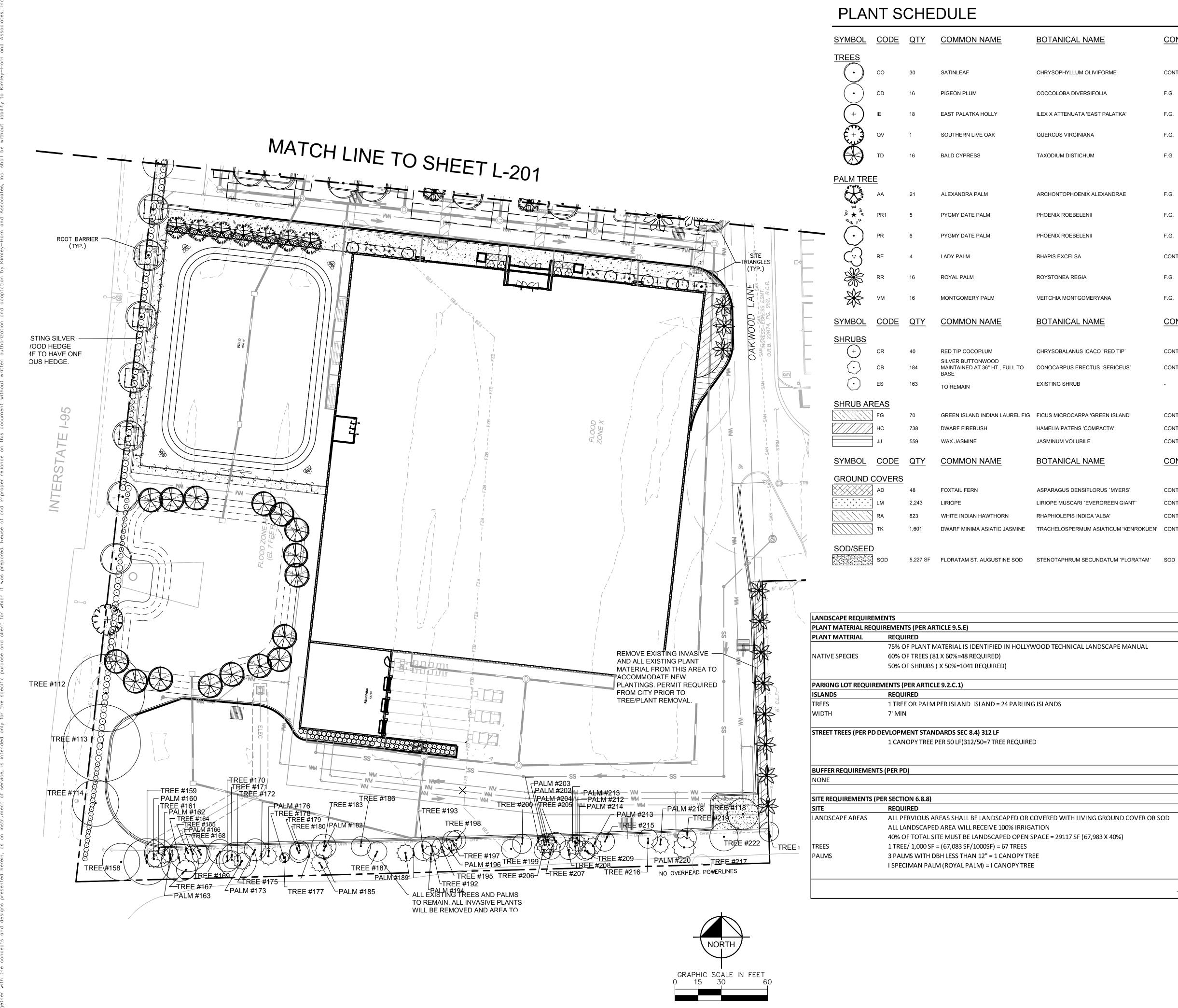
SOUTH

SHEET NUMBER L-102

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SUNSHINE STATE ONE CALL OF FLORIDA, INC.





SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONTAINER	<u>CAL</u>	<u>HT</u>	<u>NATIVE</u>	WATER USE
TREES									
	СО	30	SATINLEAF	CHRYSOPHYLLUM OLIVIFORME	CONT.	2" CAL MIN	12` HT MIN	YES	LOW
$\overline{\cdot}$	CD	16	PIGEON PLUM	COCCOLOBA DIVERSIFOLIA	F.G.	2" CAL MIN	12` HT MIN	YES	LOW
+	IE	18	EAST PALATKA HOLLY	ILEX X ATTENUATA 'EAST PALATKA'	F.G.	2" CAL MIN	12` HT MIN. X 5` SPR	YES	MODERATE
£+3	QV	1	SOUTHERN LIVE OAK	QUERCUS VIRGINIANA	F.G.	2" CAL MIN.	12` HT` MIN, 6` SPR	YES	LOW
	TD	16	BALD CYPRESS	TAXODIUM DISTICHUM	F.G.	MIN 5.5" CAL	12`-15`	YES	NO
	_								
PALM TRE	AA	21	ALEXANDRA PALM	ARCHONTOPHOENIX ALEXANDRAE	F.G.	4" CAL MIN.	10` GW	NO	MODERATE
	PR1	5	PYGMY DATE PALM	PHOENIX ROEBELENII	F.G.		6, LO 8, OAH	NO	MODERATE
\odot	PR	6	PYGMY DATE PALM	PHOENIX ROEBELENII	F.G.	2" CAL MIN	4'-6', FULL HEAD		
$\langle \cdot \rangle$	RE	4	LADY PALM	RHAPIS EXCELSA	CONT.		5-6` OA	NO	LOW
	RR	16	ROYAL PALM	ROYSTONEA REGIA	F.G.		10` GW	YES	LOW
*	VM	16	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	F.G.	5" CAL. MIN.	10` GW	NO	LOW
SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONT	SPACING	SIZE	NATIVE	WATER USE
SHRUBS									
(+)	CR	40	RED TIP COCOPLUM	CHRYSOBALANUS ICACO 'RED TIP'	CONT.	30" O.C.	24" HT., 24" SPR	YES	LOW
\odot	СВ	184	SILVER BUTTONWOOD MAINTAINED AT 36" HT., FULL TO BASE	CONOCARPUS ERECTUS 'SERICEUS'	CONT.	30" O.C.	30"X30"	YES	
\bigcirc	ES	163	TO REMAIN	EXISTING SHRUB	-				
SHRUB AF	REAS								
	FG	70	GREEN ISLAND INDIAN LAUREL FIG	FICUS MICROCARPA 'GREEN ISLAND'	CONT.	24" O.C.	18" X 18"	NO	MODERATE
	нс	738	DWARF FIREBUSH	HAMELIA PATENS 'COMPACTA'	CONT.	24" O.C.	18"X18"	YES	LOW
	IJ	559	WAX JASMINE	JASMINUM VOLUBILE	CONT.	30" O.C.	20" FULL	NO	MODERATE
SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONT	<u>O.C.</u>	SIZE	NATIVE	WATER USE
GROUND (COVERS								
	AD	48	FOXTAIL FERN	ASPARAGUS DENSIFLORUS 'MYERS'	CONT.	20" O.C.	18"X18"	NO	
+ + + + + + + + + + + + + + + + + + + +	LM	2,243	LIRIOPE	LIRIOPE MUSCARI 'EVERGREEN GIANT'	CONT.	12" O.C.	12" HT. MIN.	NO	
	RA	823	WHITE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'ALBA'	CONT.	24" O.C.	12"X12"	NO	MODERATE

ANDSCAPE REQUIRE	MENTS		
PLANT MATERIAL REC	QUIREMENTS (PER ARTICLE 9.5.E)		
PLANT MATERIAL	REQUIRED	PROPOSED	
	75% OF PLANT MATERIAL IS IDENTIFIED IN HOLLYWOOD TECHNICAL LANDSCAPE MANUAL	MET	
NATIVE SPECIES	60% OF TREES (81 X 60%=48 REQUIRED)	81	
	50% OF SHRUBS (X 50%=1041 REQUIRED)	1065	
PARKING LOT REQUIF	REMENTS (PER ARTICLE 9.2.C.1)		
SLANDS	REQUIRED	PROPOSED	
TREES	1 TREE OR PALM PER ISLAND ISLAND = 24 PARLING ISLANDS	51	
WIDTH	7' MIN	7' MIN	
STREET TREES (PER PE	DEVLOPMENT STANDARDS SEC 8.4) 312 LF	PROPOSED	
	1 CANOPY TREE PER 50 LF(312/50=7 TREE REQUIRED	13 PALMS/3 = 4 TREES	
		3 RROYAL PALMS = 3 TREES	
		7 TOTAL TREES	
BUFFER REQUIREMEN	ITS (PER PD)		
NONE			
SITE REQUIREMENTS	(PER SECTION 6.8.8)		
SITE	REQUIRED	PROPOSED	
ANDSCAPE AREAS	ALL PERVIOUS AREAS SHALL BE LANDSCAPED OR COVERED WITH LIVING GROUND COVER OR SOD		
	ALL LANDSCAPED AREA WILL RECEIVE 100% IRRIGATION		
	40% OF TOTAL SITE MUST BE LANDSCAPED OPEN SPACE = 29117 SF (67,983 X 40%)	67,983 SF	
TREES	1 TREE/ 1,000 SF = (67,083 SF/1000SF) = 67 TREES	96 PROPOSED + EXISTING	

3 PALMS WITH DBH LESS THAN 12" = 1 CANOPY TREE I SPECIMAN PALM (ROYAL PALM) = I CANOPY TREE

13 PROPOSED PALMS = 5 TREES

16 ROYAL PALMS = 16 TREES

TOTAL TREES: 125 PROPOSED

TOTAL SHRUBS: 1644 PROPOSED

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SOUTH OPPING

PLANT KEY

SYMBOL CODE COMMON / BOTANICAL NAME BALD CYPRESS / TAXODIUM DISTICHUM EAST PALATKA HOLLY / ILEX X ATTENUATA 'EAST PALATKA' PIGEON PLUM / COCCOLOBA DIVERSIFOLIA SATINLEAF / CHRYSOPHYLLUM OLIVIFORME SOUTHERN LIVE OAK / QUERCUS VIRGINIANA PALM TREE ALEXANDRA PALM / ARCHONTOPHOENIX ALEXANDRAE LADY PALM / RHAPIS EXCELSA MONTGOMERY PALM / VEITCHIA MONTGOMERYANA PYGMY DATE PALM / PHOENIX ROEBELENII PYGMY DATE PALM / PHOENIX ROEBELENII ROYAL PALM / ROYSTONEA REGIA EXISTING SHRUB RED TIP COCOPLUM / CHRYSOBALANUS ICACO 'RED TIP' SILVER BUTTONWOOD / CONOCARPUS ERECTUS `SERICEUS DWARF FIREBUSH / HAMELIA PATENS 'COMPACTA' GREEN ISLAND INDIAN LAUREL FIG / FICUS MICROCARPA 'GREEN ISLAND' WAX JASMINE / JASMINUM VOLUBILE DWARF MINIMA ASIATIC JASMINE / TRACHELOSPERMUM ASIATICUM 'KENROKUEN' FOXTAIL FERN / ASPARAGUS DENSIFLORUS 'MYERS' LIRIOPE / LIRIOPE MUSCARI `EVERGREEN GIANT`

LANDSCAPE NOTES:

1. PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS AND FREE FROM DISEASES, INSECTS EGGS, AND SHALL HAVE A HEALTHY NORMAL ROOT SYSTEM, FURNISHED IN THE MINIMUM SIZES INDICATED IN THE SCHEDULE. NO SUBSTITUTIONS SHALL BE PERMITTED WITHOUT A WRITTEN PERMISSION FROM THE CITY OF HOLLYWOOD.

WHITE INDIAN HAWTHORN / RHAPHIOLEPIS INDICA 'ALBA'

FLORATAM ST. AUGUSTINE SOD / STENOTAPHRUM SECUNDATUM `FLORATAM'

2. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER

3. ALL PLANTING SOIL AND TOP SOIL SHALL CONSIST OF 30% MUCK, 70% SAND, AND SHALL BE FREE OF HEAVY CLAY, COARSE SAND, ROCKS LARGER THAN 2", LUMPS, STICKS OR ANY OTHER DEBRIS.

4. FERTILIZER SHALL BE 12-12-12, 50% ORGANIC OR SLOW RELEASE NITROGEN.

5. TERRA-SORB OR APPROVED EQUAL SHALL BE PROVIDED ACCORDING TO MANUFACTURER'S RECOMMENDATION.

6. ALL PLANT MATERIALS EXCEPT TREES SHALL BE GUARANTEED FOR 180 DAYS AFTER THE COMPLETED PROJECTS IS ACCEPTED BY THE CITY, TREES SHALL BE GUARANTEED FOR ONE (1) YEAR.

7. CONTRACTOR SHALL CONFIRM PLANT QUANTITIES PRIOR TO BIDDING.

8. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF LANDSCAPE AREA AND PLANTS FOR 90 DAYS STARTING ON THE DATE

9. MULCH SHALL BE EUCALYPTUS GRADE A OR BETTER, USE OF CYPRESS BARK MULCH IS PROHIBITED IN THE PUBLIC RIGHT-OF-

10. THE ESTABLISHMENT PERIOD SHALL BEGIN AT THE TIME OF ACCEPTANCE AWAY FROM ANY UNDERGROUND UTILITY LINE.

14. ALL TREES AND PALMS SHALL BE PLANTED AT LEAST SEVEN AND A HALF (7.5) FEET AWAY FROM ANYFIRE HYDRANT.

15. ANY SPECIES THAT ARE LISTED AS CATEGORY I AND II SPECIES ON THE MOST CURRENT 'FLORIDA EXOTIC PEST PLANT COUNCIL LIST ARE PROHIBITED TO BE PLANTED ON PRIVATE PROPERTY OR ON CITY PROPERTY INCLUDING ROW AND SWALE AREAS. - SEC. 106.01

16. A MAXIMUM OF 50% OF THE REQUIRED TREES MAY BE OF A PALM SPECIES. SEC.3.5

17. STREET TREES: AT TIME OF INSTALLATION, SHADE TREES MUST BE A MINIMUM OF 12' OVERALL HEIGHT, APPROVEDPALM TREES ARE TO HAVE A MINIMUM OF 8' CLEAR TRUNK (CT).

18. IDENTIFY ALL TREES TO REMAIN ON SITE WITH THE CORRESPONDING TREE PROTECTION AND PROTECTION BARRIERS.PROVIDE A TREE PROTECTION BARRIER DETAIL ON PLAN AS APPROVED BY CITY OF HOLLYWOOD. OUTLINE THE TREE PROTECTION BARRIER TO SCALE AROUND EACH TREE/PALM TO REMAIN ON PLAN.

19. PROVIDE A RECENT TREE SURVEY TO SHOW THE EXISTING TREES ON SITE AND IN SWALE AREAS.

20. SHOW ALL TREES ON SITE TO SCALE, SUPERIMPOSE EXISTING TREES ON PROPOSED SITE PLAN. THE TREE LEGEND MUST INCLUDE THE TREE NUMBER, COMMON NAME, BOTANICAL NAME, DBH, OVERALL HEIGHT, SPREAD, CONDITION, AND DISPOSITION (TO REMAIN, TO BE RELOCATED, TO BE REMOVED). SHOW ALL CANOPY INCLUDING CROWNS OF TREES FROM ADJACENT LOT LOCATED WITHIN 10' FROM PROPERTY LINE.

21. PROVIDE SIGHT TRIANGLES ON PLANS AT INTERSECTION OF DRIVEWAY AND PROPERTY LINE.

22. NATIVE PLANT REQUIREMENTS; 60% TREES, 50% SHRUBS - SEC. 3.4.

23. LABEL ALL SIDES OF PROPERTY WEATHER THERE ARE 'EXISTING OVERHEAD POWERLINES' OR 'NO OVERHEAD

POWERLINES'. PROVIDE FPL APPROVED TREES FOR PLANTING UNDER POWERLINES.

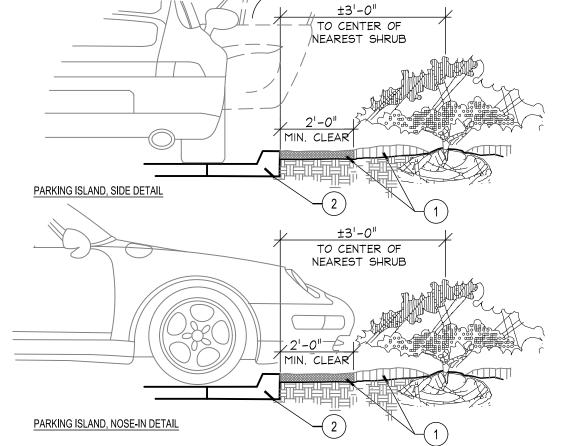
24. TREE REMOVAL DISCLAIMER: WRITE THIS STATEMENT ON ALL SHEETS FOR EXISTING/PROPOSED LANDSCAPE: 'TREES AND PALMS SHALL NOT BE REMOVED WITHOUT FIRST OBTAINING AN APPROVED TREE REMOVAL PERMIT FROM THE CITY OF HOLLYWOOD.'

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1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN. MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE

2. CURB OR PARKING LOT EDGE, BY OTHERS

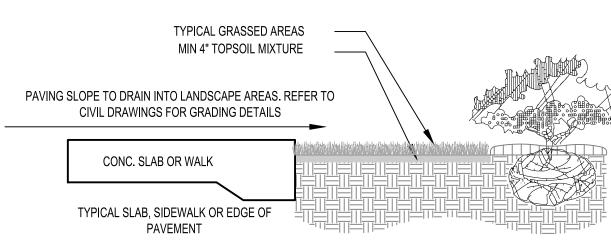
Parking Space/Curb Planting

SOD NOTES:

- 1. TYPICAL SOLID SOD LAID LEVEL WITH TIGHT JOINTS SET ADJACENT TO EDGE OF PAVEMENT SUCH THAT THE TOP OF SOD WHEN FRESHLY MOWED IS FLUSH WITH TOP OF PAVEMENT IN ORDER NOT TO IMPEDE THE FLOW OF RUNOFF INTO LANDSCAPE AREAS AND TO APPEAR NEAT AND WELL MAINTAINED.
- 2. ALL SOD LAID ADJACENT TO THE SHRUB OR GROUNDCOVER PLANTING AREAS SHALL HAVE WELL DEFINED BEDLINES, AND SHALL BE INSTALLED A DISTANCE BACK FROM THE FACE EDGE OF PLANT MATERIALS TO ALLOW FOR GROWTH OF THE PLANTS. THE TOP OF THE
- SOD AND THE FINISHED GRADE OF THE 3" MULCH COVER SHALL BE FLUSH AND LEVEL. 3. SOD SET ON PREPARED GRADE WHICH IS LEVEL OR GRADED TO MEET THE REQUIREMENTS OF THE ENGINEERED SITE DRAINAGE
- TOP SOIL NOTES:

 1. PLANTING SOIL SHALL CONSIST OF 70% CLEAN, SHARP, SILICA SAND AND 30% EVERGLADES MUCK, MIXED WITH THE NATIVE,
- 2. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND A PH BETWEEN 5.5 AND 6.5 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.

3. CONTRACTOR TO SUBMIT SAMPLES OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.

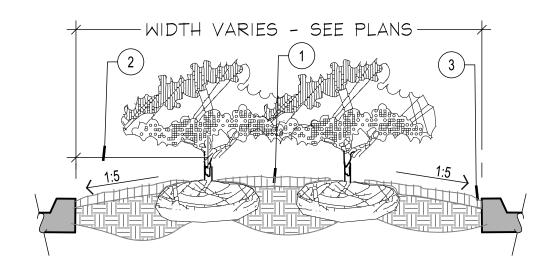


3. FILTER CLOTH, MIRAFI 500X OR TREE/ SHRUB 4. 12" CLEAN SAND, COMPACTED. ADJUST LAYER THICKNESS SO TOP OF ROOTBALL IS AT LEAST 1" ABOVE FINISHED GRADE. 5. SLOPE BOTTOM TO DRAIN 6. ±18"Ø AUGURED HOLE PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7' TO ASSURE PROPER PERCOLATION. 7. BACKFILL WITH 1/2" - 3/4" GRAVEL. 8. WATER TABLE. (DEPTH VARIES) FOR A PARKING ISLAND PLANTING SITUATION, CONTRACTOR TO BACKFILL ENTIRE LENGTH OF PLANTING AREA TO WITHIN 6" OF BACK OF CURB OR EDGE OF PAVEMENT. REFER TO NOTE 0.3 OF WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION. \ Poor Drainage Condition

1. FINISH GRADE

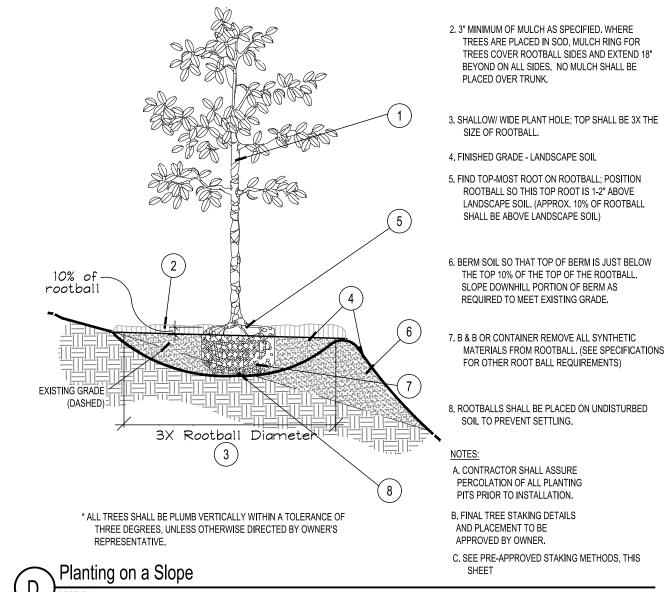
MIX AS SPECIFIED.

2. BACKFILL WITH PREPARED PLANTING SOIL



PLANTER ISLAND NOTES

- CROWN ISLANDS @ 5:1 SLOPES (OR AS SPECIFIED ON THE LANDSCAPE PLANS). CLEAR ZONE: 36" MIN. FROM BACK OF CURB TO CENTER OF NEAREST SHRUB. CLEAR ZONE SHALL CONTAIN 3" CONTINUOUS MULCH OR TURF, SEE PLANS. SEE DETAIL II' FOR PLANTER MEDIANS ADJACENT TO PARKING
- 3. 1" MIN VERTICAL CLEARANCE, TOP OF CURB TO TOP OF MULCH.
- EXCAVATE CONTINUOUS 36" DEEP (FROM TOP OF CURB) FOR ENTIRE LENGTH AND WIDTH OF ISLAND &
- BACKFILL WITH APPROVED PLANTING MIX. PROTECT AND RETAIN ALL CURBS AND BASE. COMPACTED SUBGRADE TO REMAIN FOR STRUCTURAL
- SUPPORT OF CURB SYSTEM (TYP).
- ALL ISLANDS SHALL UTILIZE POOR DRAINAGE DETAIL WHEN PERCOLATION RATES ARE 2" PER HOUR OR

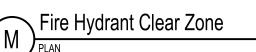


'FRONT' OF HYDRANT (TOWARD CURB)

1. TREES, PALMS, AND LARGE SHRUBS (15 GAL OR GREATER) SHALL BE PLANTED IN SIMILAR MANNER

FIRE HYDRANT

- 2. NO TREES SHALL BE PLACED WITHIN SHOWN RADIUS OF ALL PROPOSED OR EXISTING FIRE HYDRANTS. CONTRACTOR SHALL ADJUST PLANT MATERIAL SO THAT NO CONFLICTS WITH FIRE HYDRANTS OCCUR ON SITE.
- 3. PROVIDE A MULCH, 3" DEPTH MIN., SURROUNDING AREA INDICATED.



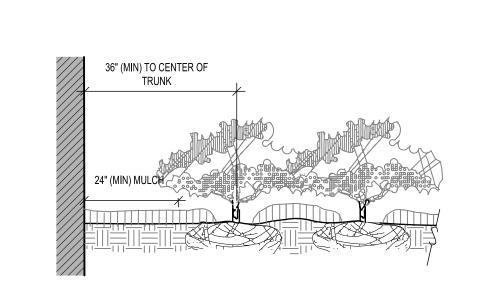
SOUTH

SHEET NUMBER L-202

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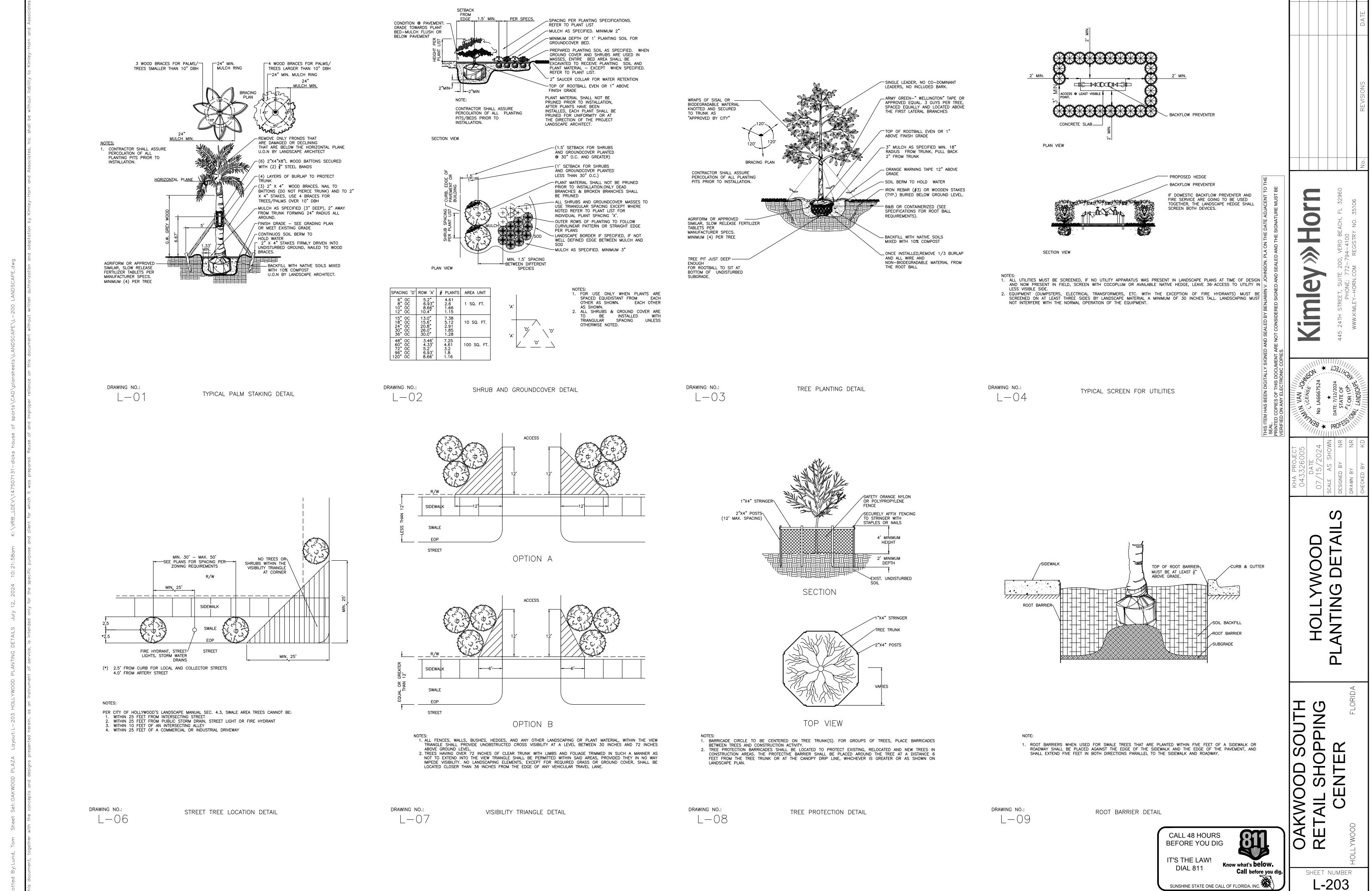




* <u>CLEAR ZONE:</u> 36" MIN. FROM BUILDING TO CENTER OF NEAREST SHRUB.

➤ Plantings Adjacent to Buildings

Planted Parking Lot Islands / Medians



GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

A. SCOPE OF WORK

1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS HEREIN SPECIFIED.

2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER.

B. PROTECTION OF EXISTING STRUCTURES

ALL EXISTING BUILDINGS. WALKS, WALLS, PAVING, PIPING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.

C. PROTECTION OF EXISTING PLANT MATERIALS OUTSIDE LIMIT OF WORK

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE, CAUSED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING INSIDE THE DRIP-LINE AND SPILLING OIL, GASOLINE, OR OTHER DELETERIOUS MATERIALS WITHIN THE DRIP-LINE. NO MATERIALS SHALL BE BURNED WHERE HEAT WILL DAMAGE ANY PLANT. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MISSHAPEN AND/ OR UNSIGHTLY SHALL BE REPLACED AT THE COST TO THE CONTRACTOR OF ONE HUNDRED DOLLARS (\$100) PER CALIPER INCH ON AN ESCALATING SCALE WHICH ADDS AN ADDITIONAL TWENTY (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LIQUIDATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.

D. MATERIALS

MATERIALS LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL. UPON SUBMITTALS' APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

PRODUCT DATA TOPSOIL MIX AMENDMENT MIX/ PRODUCT DATA/ TEST RESULTS PLANTS PHOTOGRAPHS OF ONE (1) OF EACH SPECIES (OR TAGGED IN NURSERY)

INDICATE SIZES (HEIGHT/WIDTH) AND QUALITY PER SPEC. CLIENT-REQUESTED TAGGING MAY SUBSTITUTE PHOTOS.

FERTILIZER PRODUCT DATA INNOCULANT PRODUCT DATA HERBICIDE PRODUCT DATA

2. PLANT MATERIALS

A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. NOMENCLATURE SHALL CONFORM TO STANDARDIZED PLANT NAMES, 1942 EDITION. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL PLANTS SHALL BE HEALTHY, VIGOROUS, SOUND, WELL-BRANCHED, AND FREE OF DISEASE AND INSECTS, INSECT EGGS AND LARVAE AND SHALL HAVE ADEQUATE ROOT SYSTEMS. TREES FOR PLANTING IN ROWS SHALL BE UNIFORM IN SIZE AND SHAPE. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER. WHERE ANY REQUIREMENTS ARE OMITTED FROM THE PLANT LIST, THE PLANTS FURNISHED SHALL BE NORMAL FOR THE VARIETY. PLANTS SHALL BE PRUNED PRIOR TO DELIVERY ONLY WITH APPROVAL FROM OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE OWNER'S REPRESENTATIVE

B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.

C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE. AS DETERMINED BY THE OWNER, FOR QUALITY, SIZE, AND VARIETY: SUCH APPROVAL SHALL NOT IMPAIR THE RIGHT OF INSPECTION AND REJECTION AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR SIZE AND CONDITION OF ROOT BALLS OR ROOTS, LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.

E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, MIX)

- 1. SOIL MIXTURE SHALL CONSIST OF 70% COARSE SAND, 30% FLORIDA PEAT AS DESCRIBED BELOW.
- 2. SOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING SHALL BE FERTILE, FRIABLE, AND REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEED AND OTHER LITTER, FREE OF ROOTS, STUMPS, STONE LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL HAVE A PH BETWEEN 5.5 AND 7.0 - SUBMIT SAMPLE AND PH TESTING RESULTS FOR APPROVAL.
- 3. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE ORTONA MINED SAND. CONTRACTOR SHALL SUBMIT RESULTS OF SOIL TEST FOR PEAT AND SAND PROPOSED FOR USE UNDER THIS CONTRACT FOR APPROVAL.
- 4. CONTRACTOR SHALL SUBMIT SAMPLES OF SOIL MIXTURE FOR LANDSCAPE ARCHITECT REVIEW UNDER FORMAL SUBMITTAL AND SUBSEQUENTLY TO OWNER'S REPRESENTATIVE THEREAFTER FOR APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
- 5. FLORIDA MUCK / FLORIDA MUCKY PEAT MAY BE PROVIDED AS A SUBSTITUTE FOR THE 30% FLORIDA PEAT, CONTINGENT UPON PRELIMINARY TEST RESULTS AND AS DETERMINED BY THE LANDSCAPE ARCHITECT DURING THE SUBMITTAL PROCESS. ANY CHANGES IN THE PERCENTAGES OR PARENT MATERIALS REQUIRED TO PROVIDE THE SPECIFIED MIXTURE AS DETERMINED BY THE LANDSCAPE ARCHITECT SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- 6. CONTRACTOR SHALL PROVIDE PH TEST RESULTS FOR ALL MIX COMPONENTS AND FINAL MIX.
- 7. CONTRACTOR SHALL PROVIDE PENETROMETER ON-SITE AT ALL TIMES FOR COMPACTION INSPECTION AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.
- 8. PENETROMETER CRITERIA / SPECIFICATIONS SHALL RANGE FROM APPROX. 75 PSI TO LESS THAN 300 PSI OR AS DETERMINED BY THE LANDSCAPE ARCHITECT.
- 9. FINAL MIX SHALL BE TESTED TO HAVE A SATURATED WEIGHT OF NO MORE THAN 85 POUNDS PER CUBIC FOOT WHEN COMPACTED TO 85% STANDARD PROCTOR. FERTILIZER PRODUCT DATA AND RATE SCHEDULE SHALL BE SUBMITTED CONCURRENTLY WITH THE SOIL SUBMITTAL FOR EVALUATION BY THE LANDSCAPE ARCHITECT.
- 10. SOIL SHALL BE SUPPLIED BY ATLAS PEAT & SOIL INC. 9621 STATE ROAD, BOYNTON BEACH, FLORIDA 33472 PHONE: 561-734-7300
- F. WATER

WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN AN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE BY HIS TANKS, HOSES, SPRINKLERS, ETC.. IF SUCH WATER IS NOT AVAILABLE AT THE SITE, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.

*WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

G. FERTILIZER

CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED

*FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.

H. ROCK MULCH

ROCK MULCH MATERIAL SHALL BE TWO (2) TO THREE (3) INCHES DIAMETER CHATTAHOOCHEE ROCK (OR APPROVED EQUAL) AT A MINIMUM DEPTH OF THREE (3) INCHES IN ALL LANDSCAPE SHRUB AND GROUNDCOVER AREAS. THE ROCK MULCH SHALL CONFINE TO THE LANDSCAPE BED LINES ESTABLISHED BY ADJACENT SOD AREAS, HARDSCAPE AREAS, AND CURBS, CLEAR MULCH FROM EACH PLANT'S CROWN (BASE).

I. DIGGING AND HANDLING

- 1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES OR WHICH ARE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO SITE SHALL BE SPRAYED WITH AN ANTITRANSPIRANT PRODUCT ("WILTPRUF" OR EQUAL) TO MINIMIZE TRANSPIRATIONAL WATER LOSS.
- 2. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO ENCOMPASS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BROKEN. PLANTS BALLED AND BURLAPPED OR CONTAINER GROWN SHALL NOT BE HANDLED BY STEMS.
- 3. PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS, COMPLYING WITH FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS, CURRENT EDITION. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORTATION AND PRIOR TO PLANTING.
- 4. PROTECTION OF PALMS (IF APPLICABLE): ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND HANDLING. CLEAR TRUNK (CT) SHALL BE AS SPECIFIED AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED. ALL PALMS SHALL BE BRACED PER PALM PLANTING DETAIL.
- 5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDSCAPE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.

J. CONTAINER GROWN STOCK

- 1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION, FLORIDA #1 OR BETTER.
- 2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER SUFFICIENTLY LONG FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.

3. PLANT ROOTS BOUND IN CONTAINERS ARE NOT ACCEPTABLE.

4. SUBSTITUTION OF NON-CONTAINER GROWN MATERIAL FOR MATERIAL EXPLICITLY SPECIFIED TO BE CONTAINER GROWN WILL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL IS OBTAINED FROM THE OWNER OR OWNER'S

K. COLLECTED STOCK

WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZES OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.

PLANTS COLLECTED FROM WILD OR NATIVE STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY ROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY ROW.

M. MATERIALS LIST

QUANTITIES NECESSARY TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE LANDSCAPE ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A DISCREPANCY OCCUR BETWEEN THE PLANS AND THE PLANT LIST QUANTITY, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION PRIOR TO BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE

N. FINE GRADING

- 1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.
- 2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOD AND/OR MULCH DEPTH. THIS CONTRACTOR SHALL FINE GRADE BY HAND AND/OR WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL WITHIN THE SITE.
- 3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES.

O. PLANTING PROCEDURES

- 1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER. ALL MORTAR, CEMENT, AND TOXIC MATERIAL SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE MATERIALS SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, HE SHALL IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE
- 2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUITS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE, AND TELEPHONE PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL NATIONAL ONE CALL - 811 - TO LOCATE UTILITIES.

3. SUBGRADE EXCAVATION: CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIMEROCK AND LIMEROCK SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36". CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE. IF LIMEROCK OR OTHER ADVERSE CONDITIONS OCCUR IN PLANTED AREAS AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND ADEQUATE PERCOLATION CAN NOT BE ACHIEVED, CONTRACTOR SHALL UTILIZE PLANTING DETAIL THAT ADDRESSES POOR DRAINAGE.

4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS HEREIN SPECIFIED AND REQUIRED. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.

- 5. GENERAL: COMPLY WITH APPLICABLE FEDERAL. STATE. COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ACCEPTED HORTICULTURAL PRACTICES AS USED IN THE TRADE. UPON ARRIVAL AT THE SITE , PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES, METHODS CUSTOMARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
- 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE AVAILABILITY OF WATER AND PROPER LOCATION OF IRRIGATION APPURTENANCES
- 7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 260.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACKFILLED WITH THE PREPARED PLANTING SOIL MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER PERCOLATION. IF POOR PERCOLATION EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE SET PLUMB AND HELD IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FULL HOSE STREAM. ALL PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETTING IN" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STICK" OR EQUAL IS RECOMMENDED.
- 8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
- 9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION E OF THESE SPECIFICATIONS.
- 10. TREES AND SHRUBS SHALL BE SET STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACKFILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT INFORMATION SUBMITTAL PRIOR TO INOCULATION.
- 12. FILL HOLE WITH SOIL MIXTURE, MAKING CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET. ADD MORE WET SOIL MIXTURE. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE, ONLY WITH MULCH. ALL BURLAP, ROPE, WIRES, BASKETS, ETC.., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDERNEATH.
- 13. PRUNING: TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR SUCKER GROWTH AND ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL PRUNING TO BE PERFORMED BY LICENSED ARBORIST, IN ACCORDANCE WITH ANSI A-300.
- 14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. CULTIVATE ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6", REMOVE AND DISPOSE ALL DEBRIS. MIX TOP 4" TO ACHEIVE SOIL MIXTURE AS SPECIFIED IN SECTION E. THOROUGHLY WATER ALL PLANTS AFTER INSTALLATION.
- 15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WAIVE THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING AND AGREE TO INDEMNIFY AND HOLD HARMLESS THE LANDSCAPE ARCHITECT IN THE EVENT UNSUPPORTED TREES PLANTED UNDER THIS CONTRACT FALL AND DAMAGE PERSON OR PROPERTY.
- 16. MULCHING: PROVIDE A THREE INCH (MINIMUM) LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH SHRUB BED, GROUND COVER, VINE BED, AND TREE PIT PLANTED UNDER THIS CONTRACT.
- 17. HERBICIDE WEED CONTROL: ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. IF DIRECTED BY THE OWNER, "ROUND-UP" SHALL BE APPLIED FOR WEED CONTROL BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S PRECAUTIONS AND SPECIFICATIONS. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. (AS ALLOWED BY JURISDICTIONAL

P. LAWN SODDING

- 1, THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETE, IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 2. LAWN BED PREPARATION: ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS AND DEBRIS, AND THE GROUND BROUGHT TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- 3. SOIL PREPARATION: PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY. 4. SODDING
- A. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- B. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- C. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS. PAVED AND PLANTED AREAS. ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED - REFER TO DETAILS. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARILY USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.

6. LAWN MAINTENANCE:

- A. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PRODUCE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"X12") UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRADING IF NECESSARY).
- B. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATERING/IRRIGATION SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL

Q. CLEANUP

UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE BROOM-CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S AUTHORIZED REPRESENTATIVE

R. PLANT MATERIAL MAINTENANCE

ALL PLANTS AND PLANTING INCLUDED UNDER THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR UNTIL CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE. MAINTENANCE AFTER THE CERTIFICATION OF ACCEPTABILITY SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS IN THIS SECTION. CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE TO COVER LANDSCAPE AND IRRIGATION MAINTENANCE FOR A PERIOD OF 90 CALENDAR DAYS COMMENCING AFTER

S. MAINTENANCE (ALTERNATE BID ITEM)

CONTRACTORS ARE REQUESTED TO PROVIDE A BID ESTIMATE FOR MAINTENANCE FOLLOWING THE INITIAL 90-DAY MAINTENANCE PERIOD ON A COST-PER-MONTH BASIS.

T. FINAL INSPECTION AND ACCEPTANCE OF WORK

FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT. ANY REPLACEMENT AT THIS TIME SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN

U. WARRANTY

- 1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTABILITY BY THE OWNER'S REPRESENTATIVE.
- 2. REPLACEMENT: ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED UNDER "PLANTING", AT NO ADDITIONAL COST TO THE OWNER.
- 3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE (AND IRRIGATION) MAINTENANCE, THE CONTRACTOR IS ENCOURAGED TO VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER, AND SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. IT IS SUGGESTED SUCH SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A PERIOD OF TWELVE (12) MONTHS FROM THE DATE OF ACCEPTANCE.

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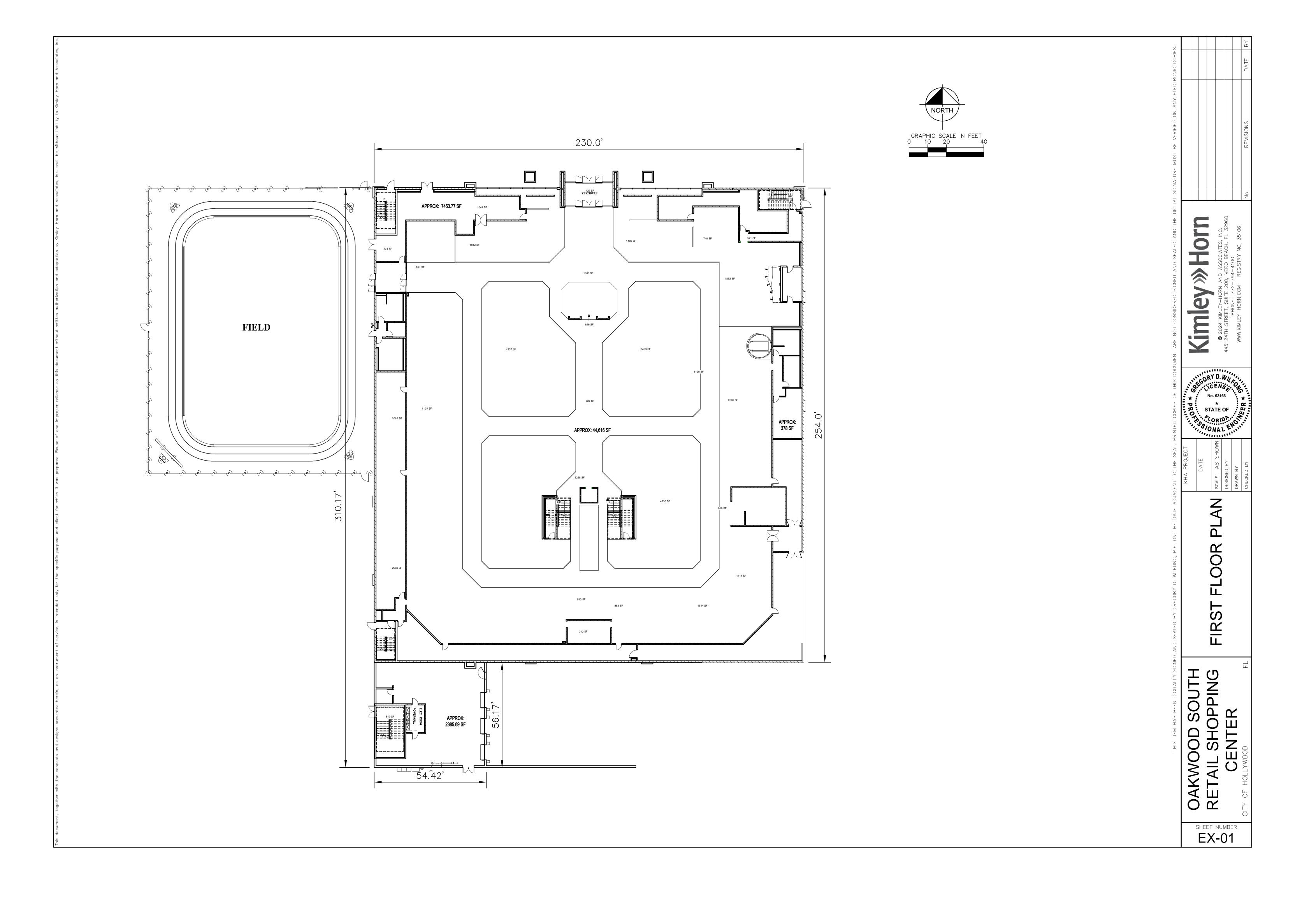
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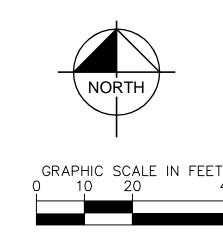
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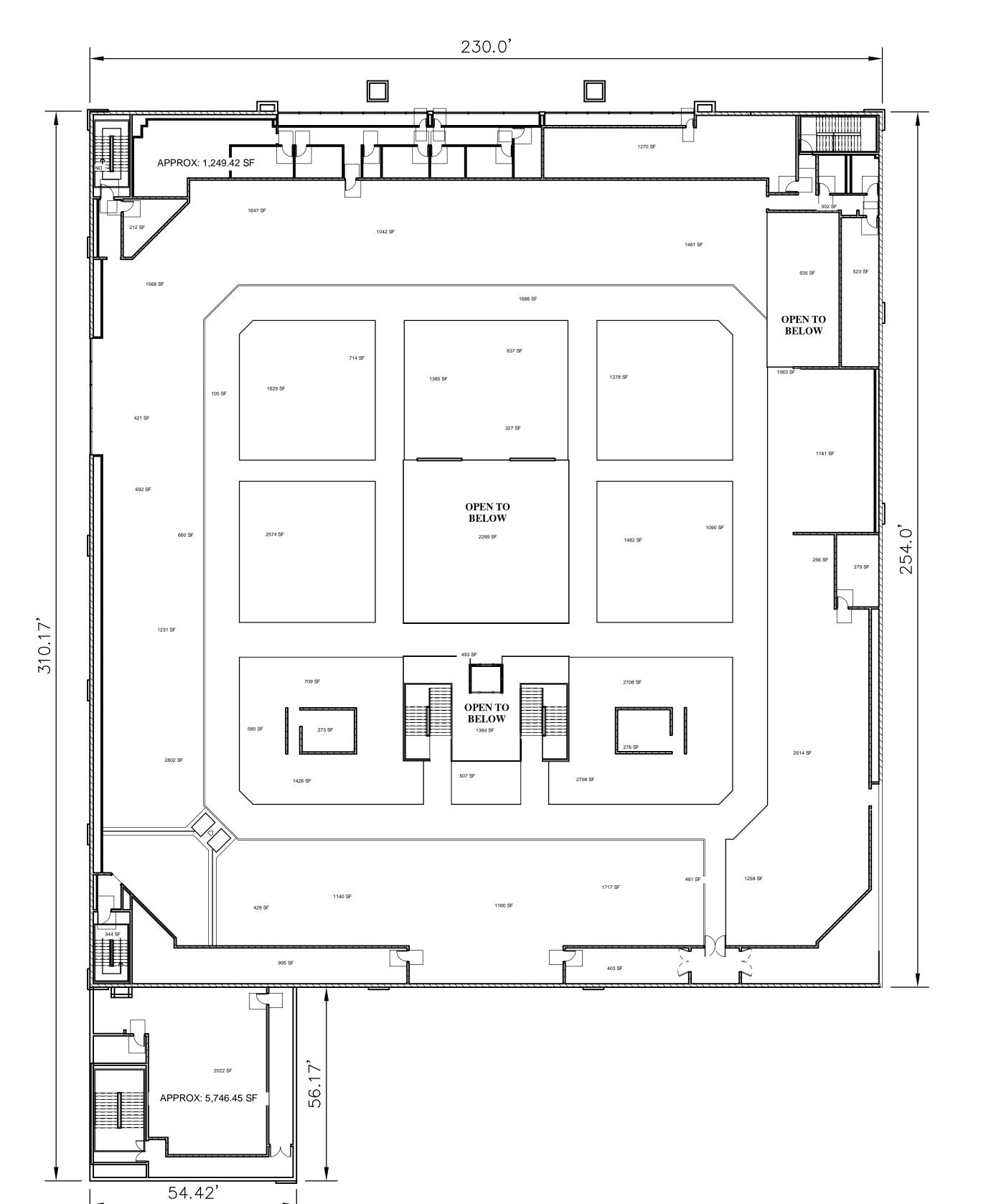
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