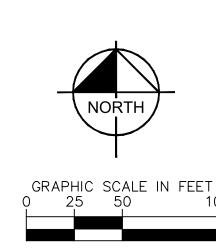
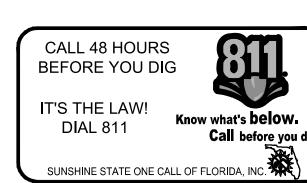
TREE DISPOSITION GRAPHIC LEGEND

PALM TO BE REMOVED TREE TO BE REMOVED EXISTING TREE NOT IN SCOPE TREE PROTECTION FENCE TREE TO REMAIN PALM TO REMAIN

*PLEASE REFER TO SHEET L-101 FOR TREE DISPOSITION LIST AND MITIGATION CALCULATIONS.





OAKWOOD SOUTH RETAIL SHOPPING

SHEET NUMBER L-100

DISPOSITION
PLAN

TREE DIS	SPOSITION a	nd MITIGA	TION LIS	ST																	
KHA TREE NO.	SCIENTIFIC NAME	COMMON NAME	DBH (In.) SPR	READ(ft) Height (F	t) Condition	DISPOSITION MITIGATIO	N													1	
1	Conocarpus erectus	Green Buttonwood	28	30 45	Fair	Remain	81	Conocarpus erectus	Green Buttonwood	20	24 50	Fair	Remove		161 Ficus lyrata	Fiddle Leaf Fig Tree	9 18	20	Poor	Remain	
2	Quercus virginiana	Live Oak	17	28 60	Good	Remain	82	Conocarpus erectus	Green Buttonwood	18	16 50	Fair	Remove		162 Ptchosperma macart	Triady tartifal T all II	4 5	8	Fair F	Remain	
3	Quercus virginiana	Live Oak	20	30 50	Good	Remain	83	Conocarpus erectus	Green Buttonwood	40	36 50	Fair	Remove		163 Ptchosperma macart		4 5 2 18	8	Fair	Remain	
4	Quercus virginiana	Live Oak	18	36 50	Good	Remain	84	Conocarpus erectus	Green Buttonwood	12	13 15 12 45	Fair	Remove		164 Quercus virginian 165 Conocarpus erectus se		2 10	10	Poor Poor	Remain Remain	
5	Quercus virginiana	Live Oak		21 50	Fair	Remain	85	Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12	12 45 12 45	Fair Fair	Remove Remove		166 Ptchosperma macart	Sliver Buttoriwood	1 5	8	Fair	Remain	+
6	Quercus virginiana	Live Oak	26	36 55	Good	Remain	97	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove		167 Quercus virginian	THE CONTEST OF CONTEST	5 15	25	Poor	Remain	
7	Quercus virginiana	Live Oak	21	30 45	Good	Remain	88	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove		168 Quercus virginian		3 12	18	Poor	Remain	
8	Conocarpus erectus	Green Buttonwood	23	36 40	Good	Remove	$ \frac{30}{89}$	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove		169 Quercus virginian		3 16	20	Poor	Remain	
10	Conocarpus erectus	Green Buttonwood		30 30	Fair	Remove	90	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove		170 Quercus virginian		3 14	20	Poor	Remain	
10	Washingtonia Palm Washingtonia Palm	Mexican Fan Palm Mexican Fan Palm		24 30 24 24	Good Good	Remove Remove	91	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove		171 Conocarpus erectu	s Green Buttonwood	0 12	18	Fair	Remain	
12	Washingtonia Palm	Mexican Fan Palm		24 24	Good	Remove	92	Tabebuia heterophylla	Pink Trumpet Tree	8	12 18	Fair	Remove		172 Conocarpus erectu	Green Buttonwood	0 16	20	Fair	Remain	
13	Washingtonia Palm	Mexican Fan Palm	- ' - -	24 24	Good	Remove	93	Conocarpus erectus	Green Buttonwood	43	30 40	Fair	Remove		173 Ptchosperma macart	thurii MacAurthur Palm	4 5	8	Poor	Remain	
14	Conocarpus erectus	Green Buttonwood		27 30	Fair	Remove	94	Tabebuia heterophylla	Pink Trumpet Tree	10	24 38	Fair	Remove		174 Schefflera	Umbrella Tree	6	12	Poor	Remove	Invasive
15	Conocarpus erectus	Green Buttonwood		21 30	Fair	Remove	95	Tabebuia heterophylla	Pink Trumpet Tree	14	24 50	Poor	Remove		175 Conocarpus erectu		5 7	12	Fair	Remain	
16	Conocarpus erectus	Green Buttonwood		27 30	Fair	Remove	96	Conocarpus erectus	Green Buttonwood	16	17 45	Poor	Remove		176 Ptchosperma macart	1110107 1011111111111111111111111111111	2 4	8	Fair	Remain	
17	Conocarpus erectus	Green Buttonwood	24	27 34	Poor	Remove	97	Conocarpus erectus	Green Buttonwood	26	18 45	Fair	Remove		177 Conocarpus erectu		6 /	12	Fair	Remain	
18	Conocarpus erectus	Green Buttonwood	29	30 34	Fair	Remove	98	Conocarpus erectus	Green Buttonwood	21	18 40	Fair	Remove		178 Conocarpus erectu 179 Conocarpus erectu	0.000.000) / 2 7	12	Fair	Remain	
19	Conocarpus erectus	Green Buttonwood	22	27 45	Poor	Remove	99	Conocarpus erectus	Green Buttonwood	31	17 40	Fair	Remove		179 Conocarpus erectu 180 Conocarpus erectu		5 7	12	Fair Fair	Remain Remain	
20	llex cassine	Holly	!	3 10	Poor	Remove	100	Conocarpus erectus	Green Buttonwood	21	24 40	Fair	Remove		181 Schefflera	Umbrella Tree	8 6	12	Poor	Remove	Invasive
21	Conocarpus erectus	Green Buttonwood	18	27 35	Poor	Remove	101	Conocarpus erectus	Green Buttonwood	32	20 40	Poor	Remove		182 Ptchosperma macart		3 6	12	Fair	Remain	IIIVasive
22	Conocarpus erectus	Green Buttonwood	33	33 50	Fair	Remove	102	Conocarpus erectus	Green Buttonwood	25	25 40	Fair	Remove		183 Quercus virginian		0 16	20	Poor	Remain	+
23	Tabebuia heterophylla	Pink Trumpet Tree	7	15 16	Fair	Remove	103	Washingtonia palm	Mexican Fan Palm	12	12 20	Good	Remove		184 Schefflera		4 5	12	Poor	Remove	Invasive
24	Tabebuia heterophylla	Pink Trumpet Tree	7	21 18	Good	Remove	104	Conocarpus erectus	Green Buttonwood Live Oak	30 25	21 55 48 55	Fair Good	Remove		185 Sabal palmetto		4 8	12	Fair	Remain	
25	llex cassine	Holly	3	3 6	Good	Remove	105	Quercus virginiana Conocarpus erectus	Green Buttonwood	34	48 55 35 60	Fair	Remove Remove		186 Quercus virginian		0 17	22	Fair	Remain	
26	Conocarpus erectus	Green Buttonwood		18 31	Fair	Remove	106	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	28	34 40	Good	Remove		187 Conocarpus erectu	S Green Buttonwood	0 16	20	Fair	Remain	
27 28	Conocarpus erectus	Green Buttonwood	35	24 50 5 15	Fair	Remove	107	Conocarpus erectus	Green Buttonwood	30	38 45	Good	Remove		188 Schefflera	Umbrella Tree	6 7	12	Fair	Remove	Invasive
28	llex cassine	Holly	22	27 34	Poor Fair	Remove Remove	109	Quercus virginiana	Live Oak	19	50 55	Good	Remove		189 Sabal palmetto	Sabal Palm	4 8	10	Fair	Remain	
29	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	23	30 36	Fair	Remove	110	Quercus virginiana	Live Oak	28	40 40	Good	Remove		190 Schefflera	Umbrella Tree	5 6	12	Fair	Remove	Invasive
31	Conocarpus erectus	Green Buttonwood	12	15 28	Fair	Remove	111	Quercus virginiana	Live Oak	14	27 30	Good	Remove		191 Schefflera	Umbrella Tree	4 4	8	Fair	Remove	Invasive
32	Conocarpus erectus	Green Buttonwood	12	21 40	Good	Remove	112		Live Oak	26	50 50	Good	Remain		192 Conocarpus erectu		0 16	20	Fair	Remain	<u> </u>
33	Conocarpus erectus	Green Buttonwood	 	18 20	Good	Remove	113		Live Oak	26	50 50	Good	Remain		193 Schefflera	Umbrella Tree	3 4	6	Fair	Remove	Invasive
34	Conocarpus erectus	Green Buttonwood		27 45	Good	Remove	114	Conocarpus erectus	Green Buttonwood	24	30 240	Fair	Remain		194 Ptchosperma macart		3 4	16	Fair Fair	Remain Remain	
36	Washingtonia palm	Mexican Fan Palm		12 60	Fair	Remain	115	Conocarpus erectus	Green Buttonwood	30	40 35	Good	Remove		195 Conocarpus erectu 196 Sabal palmetto		4 8	10	Fair	Remain	
37	Washingtonia palm	Mexican Fan Palm	9	12 60	Fair	Remain	116	Bucida buceras	Black Olive	16	18 35	Poor	Remove		197 Conocarpus erectus se		4 5	10	Poor	Remain	
38	Washingtonia palm	Mexican Fan Palm	15	12 60	Good	Remain	117	Conocarpus erectus	Green Buttonwood	10	25 30	Poor	Remain		198 Conocarpus erectus se		4 5	10	Poor	Remain	-
39	Washingtonia palm	Mexican Fan Palm	12	12 60	Good	Remove	118	Quercus virginiana	Live Oak	14	20 25	Fair	Remain		199 Conocarpus erectu		5 6	15	Poor	Remain	+
40	Washingtonia palm	Mexican Fan Palm	12	12 35	Good	Remain	120	Quercus virginiana	Live Oak	21	32 45	Good	Remove		200 Quercus virginian		3 12	15	Fair	Remain	
41	Washingtonia palm	Mexican Fan Palm	12	12 55	Good	Remain	121	Conocarpus erectus	Green Buttonwood	5	9 12	Poor	Remove		201 Schefflera	Umbrella Tree	4 5	12	Poor	Remove	Invasive
42	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remain	122	Conocarpus erectus	Green Buttonwood	43	34 50	Good	Remove		202 Ptchosperma macart	thurii MacAurthur Palm	4 4	5	Fair	Remain	
43	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remain	123		Live Oak	20	30 45	Good	Remove		203 Ptchosperma macart	thurii MacAurthur Palm	3 3	4	Fair	Remain	
44	Washingtonia palm	Mexican Fan Palm	· - -	12 55	Good	Remain	124		Live Oak	20	56 55	Good	Remove		204 Ptchosperma macart	thurii MacAurthur Palm	3 4	4	Fair	Remain	
45	Washingtonia palm	Mexican Fan Palm	12'	12 55	Good	Remove	125	Tabebuia heterophylla	Pink Trumpet Tree	16	24 30	Good	Remove		205 Quercus virginian		3 20	25	Fair	Remain	
46	Washingtonia palm	Mexican Fan Palm	12'	12 55	Good	Remove	126	Quercus virginiana	Live Oak	16	50 50	Good	Remove		206 Conocarpus erectu		4 20	18	Poor	Remain	
47	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remove	127 128	Tabebuia heterophylla Quercus virginiana	Pink Trumpet Tree Live Oak	13 12	25 30 26 35	Good Good	Remove Remove		207 Conocarpus erectu		2 18	16	Poor	Remain	
48	Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm		12 55 12 55	Good Good	Remove Remove	129	Quercus virginiana Quercus virginiana	Live Oak	14	16 30	Fair	Remove		208 Conocarpus erectu		0 18	20	Poor	Remain	
50	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remove	130		Live Oak	9	27 30	Fair	Remove		209 Conocarpus erectu 210 Schefflera		2 20	20	Poor	Remain	Invasiva
51	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remove	131	Quercus virginiana	Live Oak	16	40 36	Fair	Remove		210 Schefflera 211 Schefflera	Umbrella Tree Umbrella Tree	9 9	20	Fair Fair	Remove Remove	Invasive Invasive
52	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remove	132	Quercus virginiana	Live Oak	11	18 30	Fair	Remove		212 Ptchosperma macart		5 6	9	Fair	Remain	IIIVasive
53	Washingtonia palm	Mexican Fan Palm		12 55	Good	Remove	133	Quercus virginiana	Live Oak	14	18 30	Poor	Remove		213 Ptchosperma macart		4 5	7	Fair	Remain	
54	Quercus virginiana	Live Oak	+	12 50	Poor	Remove	134	Quercus virginiana	Live Oak	30	54 50	Good	Remove		214 Ptchosperma macart		5 4	7	Fair	Remain	+
55	Quercus virginiana	Live Oak		50 45	Good	Remove	135	Quercus virginiana	Live Oak	16	36 50	Good	Remove		215 Quercus virginian		8 36	35	Fair	Remain	+ '
56	Washingtonia palm	Mexican Fan Palm		12 50	Fair	Remove	136	Quercus virginiana	Live Oak	32	30 45	Fair	Remove		216 Quercus virginian		6 24	30	Fair	Remain	
57	Washingtonia palm	Mexican Fan Palm	12	12 50	Fair	Remove	137	Quercus virginiana	Live Oak	18	36 55	Fair	Remove		217 Schefflera	Umbrella Tree	6 8	30	Poor	Remain	N.I.S.
58	Phoenix robelenii	Pygmy Date Palm	4	9 12	Good	Remove	138	Conocarpus erectus	Green Buttonwood	30	24 45	Good	Remove		218 Sabal palmetto		4 9	12	Fair	Remain	
59	Phoenix robelenii	Pygmy Date Palm (dbl)) 4	16 12	Good	Remove	139	Conocarpus erectus	Green Buttonwood	37	27 45	Good	Remove		219 Quercus virginian		2 15	25	Fair	Remain	
60	Phoenix robelenii	Pygmy Date Palm (dbl)) 4	16 12	Good	Remove	140	Conocarpus erectus	Green Buttonwood	8	18 20	Poor	Remove		220 Sabal palmetto	Sabal Palm 2	4 15	16	Fair	Remain	
61	Phoenix robelenii	Pygmy Date Palm (dbl)) 4	16 12	Good	Remove	141	Conocarpus erectus	Green Buttonwood	11	20 25	Good	Remove		221 Schefflera	Umbrella Tree	6 8	10	Poor	Remove	Invasive
62	Phoenix robelenii	Pygmy Date Palm (dbl)	, · · ·	16 12	Good	Remove	142	Conocarpus erectus	Green Buttonwood	20	24 30	Good	Remove		222 Quercus virginian	u Live Oak	6 18	20	Fair	Remain	
63	Phoenix robelenii	Pygmy Date Palm (dbl)		16 12	Good	Remove	143	Conocarpus erectus	Green Buttonwood	9	24 30	Good	Remove		223 Quercus virginian	- Livo Oak	0 18	25	Poor	Remain	
64	Phoenix robelenii	Pygmy Date Palm (dbl)) 4	16 12	Good	Remove	144	Conocarpus erectus	Green Buttonwood	8	24 28	Fair	Remove		224 Ficus benjamina	Ficus Tree	1 2	2	Poor	Remove	Invasive
65	Phoenix robelenii	Pygmy Date Palm (dbl)) 4	16 12	Good	Remove	145	Conocarpus erectus	Green Buttonwood	36	30 55	Fair	Remove		225 Ficus benjamina	Ficus Tree	$\frac{1}{2}$	3	Poor	Remove	Invasive
66	Tabebuia heterophylla	Pink Trumpet Tree	9	30 24	Good	Remove	146 147	Conocarpus erectus	Green Buttonwood	40	27 55	Fair	Remove Remove		226 Ficus benjamina 227 Ficus benjamina	Tiodo Troc Glastor	3 4	3"	Poor	Remove	Invasive
68	Tabebuia heterophylla	Pink Trumpet Tree		30 30	Good	Remove	147	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	42 31	24 50 18 40	Poor Poor	Remove		227 Ficus benjamina 228 Ficus benjamina		3	4 E"	Poor Poor	Remove Remove	Invasive Invasive
69	Conocarpus erectus	Green Buttonwood		40 40	Good	Remove	148	<u> </u>	Green Buttonwood Green Buttonwood	18	15 40	Poor	Remove		229 Ficus benjamina		<u> 4</u>	ייכ	Poor	Remove	Invasive
70	Quercus virginiana Quercus virginiana	Live Oak Live Oak		20 30 20 40	Poor Fair	Remove Remove	150	Conocarpus erectus	Green Buttonwood Green Buttonwood	36	22 40	Poor	Remove		230 Ficus benjamina	Ficus Tree Ficus Tree	2 3	2	Poor	Remove	Invasive
70	Quercus virginiana Quercus virginiana	Live Oak		30 35	Fair	Remove	151	Conocarpus erectus	Green Buttonwood	41	30 50	Poor	Remove		231 Ficus benjamina		2 3	5	Poor	Remove	Invasive
72	Washingtonia palm	Mexican Fan Palm		12 60	Good	Remove	152	Conocarpus erectus	Green Buttonwood Green Buttonwood	24	30 45	Poor	Remove		232 Ficus benjamina		2 3	5	Poor	Remove	Invasive
73	Washingtonia palm	Mexican Fan Palm		12 60	Good	Remove	153	·	Green Buttonwood Green Buttonwood	9	15 20	Fair	Remove		233 Schefflera	Umbrella Tree	5 4	7"	Poor	Remove	Invasive
74	Washingtonia palm	Mexican Fan Palm		12 60	Good	Remove	154	·	Green Buttonwood	13	15 24		Remove		234 Ficus benjamina		1 3	3	Poor	Remove	Invasive
75	Quercus virginiana	Live Oak		40 50	Good	Remove	155	Conocarpus erectus	Green Buttonwood	10	15 20	Fair	Remove		235 Ficus benjamina		1 2	3	Poor	Remove	Invasive
76	Washingtonia palm	Mexican Fan Palm		12 45	Fair	Remove	156	·	Holly		7 12	Fair	Remove		236 Ficus benjamina		2 3	6	Poor	Remove	Invasive
77	Washingtonia palm	Mexican Fan Palm	+	12 45	Fair	Remove	157	Conocarpus erectus	Green Buttonwood	46	36 60	Fair	Remove							TOTAL DBH	2020
78	Washingtonia palm	Mexican Fan Palm		12 45	Fair	Remove	158	•	Live Oak	12	24 30	Poor	Remain							REMOVED (IN.)	2039
79	Tabebuia heterophylla	Pink Trumpet Tree	12	22 25	Fair	Remove	159		Live Oak	15	30 35	Poor	Remain	NI.S	S. = Not in Scope					TOTAL PALMS	38
80	Tabebuia heterophylla	Pink Trumpet Tree	10	22 25	Fair	Remove	160	Ptchosperma macarthurii	MacAurthur Palm	3	6 10	Fair	Remain	74.1.5.						REMOVED (EA.)	

TREE MITIGATION CALCULATIONS	
TOTAL MITIGATION REQUIRED (DBH IN INCHES)	2,039
TOTAL DBH PROVIDED (IN INCHES)	247
TOTAL PALMS REMOVED (EA.)	38
TOTAL PALMS PROVIDED (EA.)	38

TREE TRUST FUND CALCULATIONS	
TOTAL MITIGATION REQUIRED (DBH IN INCHES)	2,039
TOTAL DBH PROVIDED	247
TOTAL DBH DELTA	1,792
TOTAL TREE REPLACEMENT TREE DEFICIT (12 FT' HT. x 2" DBH):	896
TOTAL TREE TRUST FUND CONTRIBUTION (TREE DEFICIT x \$350)	\$ 313.600.00

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! DIAL 811 DIAL 811

Know what's below.
Call before you dig.

OAKWOOD SOUTH
RETAIL SHOPPING
CENTER

TREE SCHEDULE AND MITIGATION

L-101

TREE REMOVAL AND TREE TO REMAIN PRUNING SPECIFICATIONS

PART 1 - DEFINITIONS

- 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.

disposition plans.

- 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 with the Owner's Representative.
 - 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.

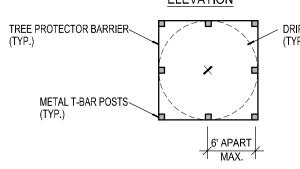
PART 5 - TREE PROTECTION

- 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.
- C. 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.

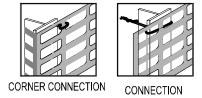
PART 6 - IRRIGATION

- 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.

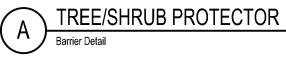
- SIX (6) FOOT TALL WIRE MESH CONSTRUCTION FENCE BY EIGHT (8) FOOT TALL METAL T-BAR POSTS AND POST CAPS. SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- (2) SUBMIT PRODUCT INFORMATION FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.







B. POSTS SHALL BE DRIVEN INTO THE GROUND TO A DEPTH OF TWO (2) FEET MINIMUM OR AS REQUIRED TO ENSURE A SAFE CONDITION. SPACE POSTS 6' MAXIMUM ON C. SECURE FENCING TO POST WITH NYLON



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

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 INSTALLATION.

INSTALLATION NOTES: A. POST SELECTION SHOULD BE BASED ON EXPECTED STRENGTH NEEDS AND THE

LENGTH OF TIME FENCE WILL BE IN PLACE.

FLEXIBLE FIBERGLASS ROD POSTS ARE RECOMMENDED FOR PARKS, ATHLETIC EVENTS AND CROWD CONTROL INSTALLATIONS. METAL "T" POSTS OR ARE TYPICALLY USED FOR CONSTRUCTION AND OTHER APPLICATIONS.

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



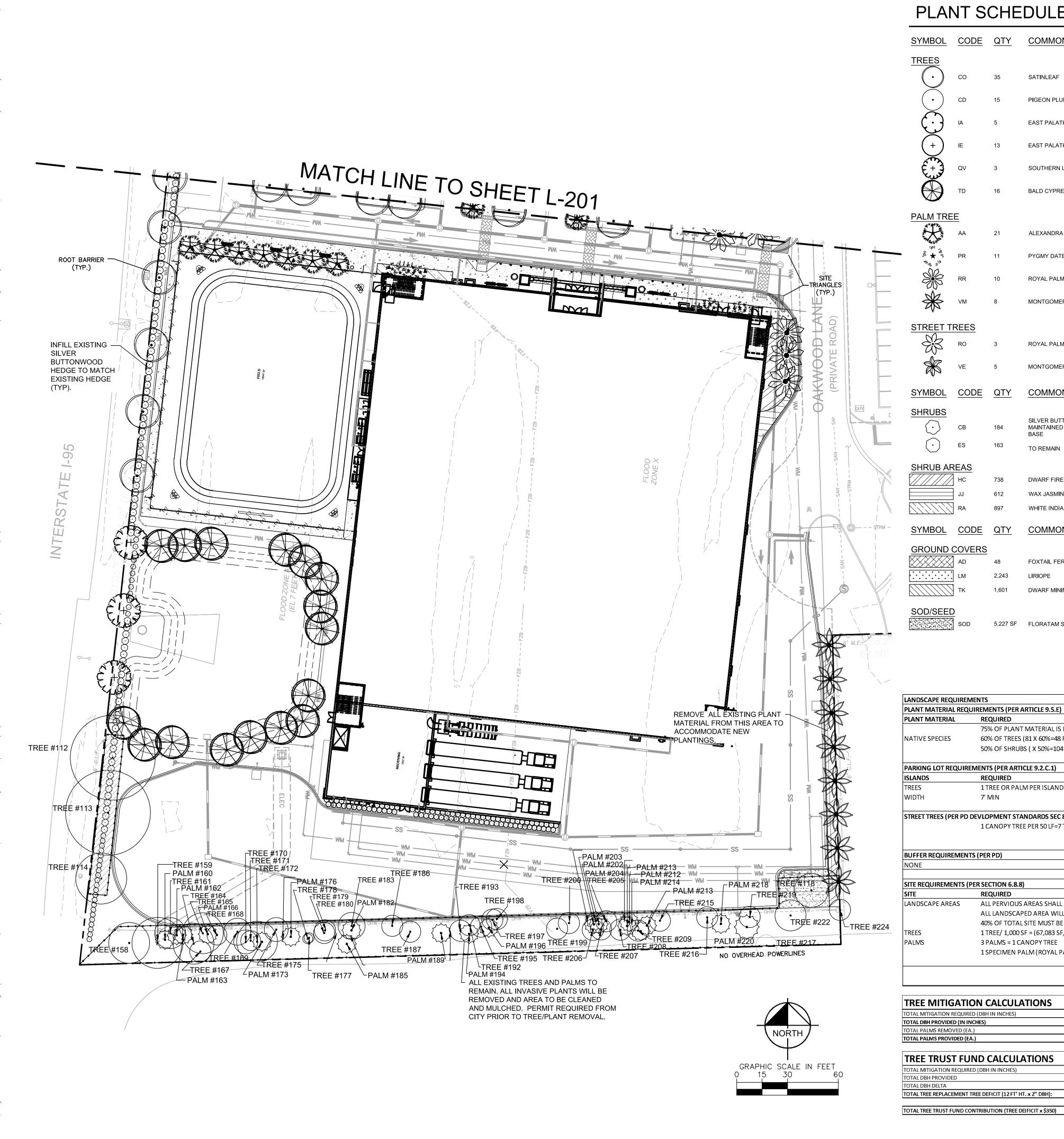


DISPOSITION TRE

SOUTH

BEFORE YOU DIG IT'S THE LAW!

Call before you dig. SUNSHINE STATE ONE CALL OF FLORIDA, INC.



SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONTAINER	(DBH	<u>HT</u>	<u>NATIVE</u>	WATER US
TREES									
	СО	35	SATINLEAF	CHRYSOPHYLLUM OLIVIFORME	F.G.	3" DBH MIN.	12` HT MIN. X 5` SPR	YES	LOW
lacksquare	CD	15	PIGEON PLUM	COCCOLOBA DIVERSIFOLIA	F.G.	2" DBH MIN.	12` HT MIN. X 5` SPR	YES	LOW
$\begin{array}{c} \\ \\ \end{array}$	IA	5	EAST PALATKA HOLLY	ILEX X ATTENUATA 'EAST PALATKA'	F.G.	2" DBH MIN.	12` HT MIN. X 5` SPR	YES	MODERATE
+	ΙΕ	13	EAST PALATKA HOLLY	ILEX X ATTENUATA 'EAST PALATKA'	F.G.	3" DBH MIN.	14`HT X 6`SPR	YES	MODERATE
E + 3	QV	3	SOUTHERN LIVE OAK	QUERCUS VIRGINIANA	F.G.	3" DBH MIN.	14`HT X 6`SPR	YES	LOW
	TD	16	BALD CYPRESS	TAXODIUM DISTICHUM	F.G.	5.5" DBH M I N.	14-16` HT. MIN., 8` CLEAR TRUNK	YES	NO
PALM TRE	==								
THE PARTY OF THE P	AA	21	ALEXANDRA PALM	ARCHONTOPHOENIX ALEXANDRAE	F.G.		8' GW	NO	MODERATE
	PR	11	PYGMY DATE PALM	PHOENIX ROEBELENII	F.G.		8' GW	NO	MODERATE
	RR	10	ROYAL PALM	ROYSTONEA REGIA	F.G.		10' GW	YES	LOW
	VM	8	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	F.G.		8' GW	NO	LOW
STREET T	REES								
Si3	RO	3	ROYAL PALM	ROYSTONEA REGIA	F.G.		10` GW	YES	LOW
	VE	5	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	F.G.		10` GW	NO	LOW
SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONT	<u>SPACING</u>	SIZE	NATIVE	WATER US
SHRUBS									
\bigcirc	СВ	184	SILVER BUTTONWOOD MAINTAINED AT 36" HT., FULL TO BASE	CONOCARPUS ERECTUS 'SERICEUS'	CONT.	30" O.C.	30"X30"	YES	
$\overline{}$	ES	163	TO REMAIN	EXISTING SHRUB	-				
SHRUB AF	REAS								
	нс	738	DWARF FIREBUSH	HAMELIA PATENS 'COMPACTA'	CONT.	24" O.C.	18"X18"	YES	LOW
	J)	612	WAX JASMINE	JASMINUM VOLUBILE	CONT.	30" O.C.	20" FULL	NO	MODERATE
	RA	897	WHITE INDIAN HAWTHORN	RHAPHIOLEPIS INDICA 'ALBA'	CONT.	24" O.C.	18"X18"	NO	MODERATE
SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONT	<u>O.C.</u>	SIZE	<u>NATIVE</u>	WATER US
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	
	тк	1,601	DWARF MINIMA ASIATIC JASMINE	TRACHELOSPERMUM ASIATICUM 'KENROKUEN'	CONT.	15" O.C.	10" FULL	YES	LOW
	u								

LANDSCAPE REQUIRE	MENTS	
PLANT MATERIAL REQ	UIREMENTS (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 REQUIR	EMENTS (PER ARTICLE 9.2.C.1)	
ISLANDS	REQUIRED	PROPOSED
TREES	1 TREE OR PALM PER ISLAND ISLAND = 24 PARKING ISLANDS	51
WIDTH	7' MIN	7' MIN
STREET TREES (PER PD	DEVLOPMENT STANDARDS SEC 8.4) 312 LF	PROPOSED
	1 CANOPY TREE PER 50 LF=7 TREE REQUIRED (312 LF/50)	13 TOTAL (8 EXISTING + 5 PROPOSED) = 4 TREES
		3 ROYAL PALMS = 3 TREES
		7 TOTAL TREES
BUFFER REQUIREMEN	TS (PER PD)	
NONE		
SITE REQUIREMENTS (PER SECTION 6.8.8)	
SITE	REQUIRED	PROPOSED
LANDSCAPE 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	20 PROPOSED + 47 EXISTING
PALMS	3 PALMS = 1 CANOPY TREE	9 PROPOSED PALMS = 3 TREES
	1 SPECIMEN PALM (ROYAL PALM) = 1 CANOPY TREE	7 ROYAL PALMS = 7 TREES
	TOTA	AL TREES: (30 PROPOSED + 47 EXISTING) = 77 TOTAL TREES
	TOTAL	SHRUBS: 1644 PROPOSED

TOTAL MITIGATION REQUIRED (DBH IN INCHES)	2,039
TOTAL DBH PROVIDED (IN INCHES)	247
TOTAL PALMS REMOVED (EA.)	38
· ·	38
TREE TRUST FUND CALCULATIONS	2,039
TREE TRUST FUND CALCULATIONS TOTAL MITIGATION REQUIRED (DBH IN INCHES)	
TREE TRUST FUND CALCULATIONS TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED TOTAL DBH DELTA	2,039

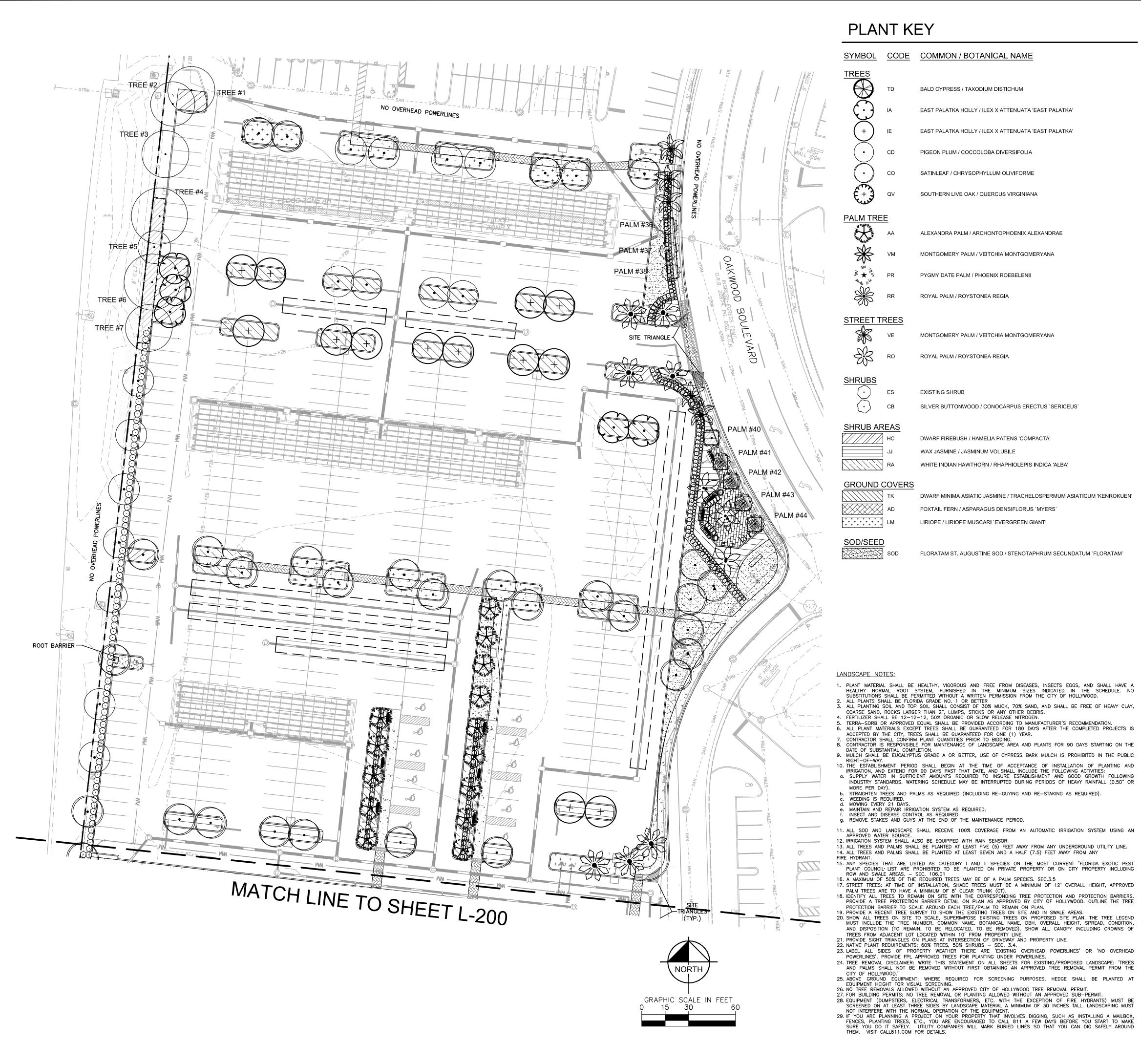
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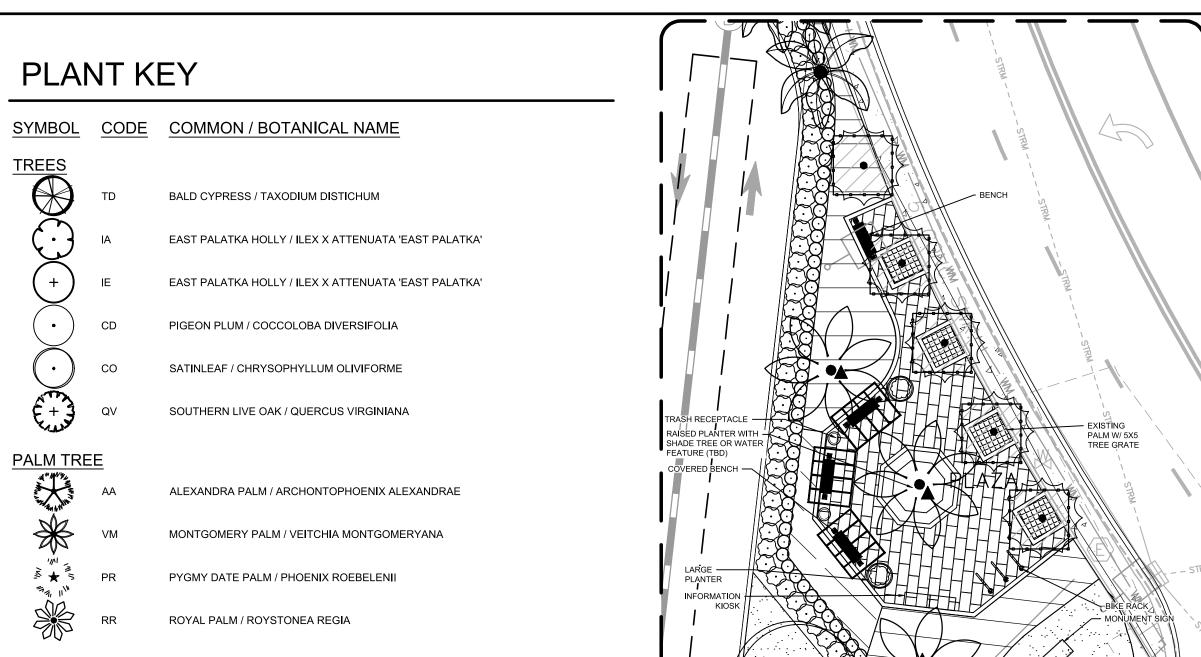
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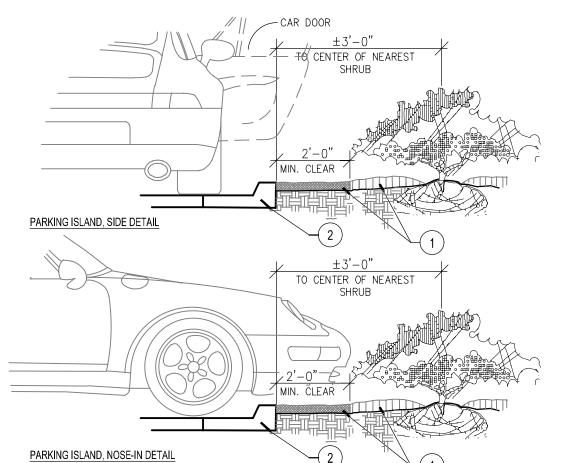
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1. INSTALL CONTINUOUS MULCH BED ADJACENT TO PARKING SPACES AS SHOWN, MULCH SHALL BE MIN. 3" DEEP. NO POP-UP IRRIGATION HEADS SHALL BE LOCATED WITHIN 24" OF A PARKING SPACE ON ANY SIDE

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.

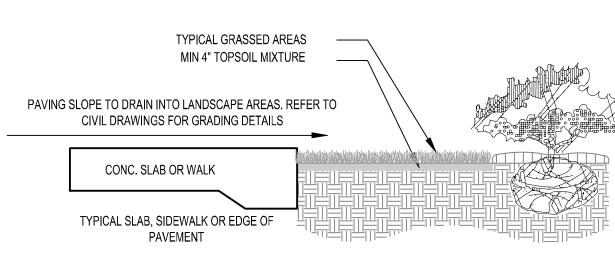
2. ALL SOD LAID ADJACENT TO THE SHRUB OR GROUNDCOVER PLANTING AREAS SHALL HAVE WELL DEFINED BEDLINES, AND SHALL BE INSTALLED A DISTANCE BACK FROM THE FACE EDGE OF PLANT MATERIALS TO ALLOW FOR GROWTH OF THE PLANTS. THE TOP OF THE SOD AND THE FINISHED GRADE OF THE 3" MULCH COVER SHALL BE FLUSH AND LEVEL.

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,

EXCAVATED SOIL IN A 1:1 RATIO (50/50). 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.



36" (MIN) TO CENTER OF

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

PLANTER ISLAND NOTES

TREE/ SHRUB

- 1. 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
- 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

1. FINISH GRADE

BETTER

MIX AS SPECIFIED.

3. FILTER CLOTH, MIRAFI 500X OR

4. 12" CLEAN SAND, COMPACTED.

ADJUST LAYER THICKNESS SO TOP

OF ROOTBALL IS AT LEAST 1" ABOVE

10% of-

EXISTING GRADE

(DASHED)=

REPRESENTATIVE.

3X Rootball Diameter

* ALL TREES SHALL BE PLUMB VERTICALLY WITHIN A TOLERANCE OF

THREE DEGREES, UNLESS OTHERWISE DIRECTED BY OWNER'S

2. BACKFILL WITH PREPARED PLANTING SOIL

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

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

2.3" MINIMUM OF MULCH AS SPECIFIED. WHERE

PLACED OVER TRUNK.

SIZE OF ROOTBALL.

4. FINISHED GRADE - LANDSCAPE SOIL

TREES ARE PLACED IN SOD, MULCH RING FOR

BEYOND ON ALL SIDES. NO MULCH SHALL BE

3. SHALLOW/ WIDE PLANT HOLE; TOP SHALL BE 3X THE

5. FIND TOP-MOST ROOT ON ROOTBALL; POSITION

ROOTBALL SO THIS TOP ROOT IS 1-2" ABOVE LANDSCAPE SOIL. (APPROX. 10% OF ROOTBALL SHALL BE ABOVE LANDSCAPE SOIL)

6. BERM SOIL SO THAT TOP OF BERM IS JUST BELOW

THE TOP 10% OF THE TOP OF THE ROOTBALL.

SLOPE DOWNHILL PORTION OF BERM AS REQUIRED TO MEET EXISTING GRADE.

7. B & B OR CONTAINER REMOVE ALL SYNTHETIC MATERIALS FROM ROOTBALL. (SEE SPECIFICATIONS

FOR OTHER ROOT BALL REQUIREMENTS)

8. ROOTBALLS SHALL BE PLACED ON UNDISTURBED

C. SEE PRE-APPROVED STAKING METHODS, THIS

SOIL TO PREVENT SETTLING.

A. CONTRACTOR SHALL ASSURE

PERCOLATION OF ALL PLANTING

PITS PRIOR TO INSTALLATION.

B. FINAL TREE STAKING DETAILS

AND PLACEMENT TO BE

APPROVED BY OWNER.

TREES COVER ROOTBALL SIDES AND EXTEND 18"

3. PROVIDE A MULCH, 3" DEPTH MIN., SURROUNDING AREA INDICATED.

'FRONT' OF HYDRANT (TOWARD CURB)



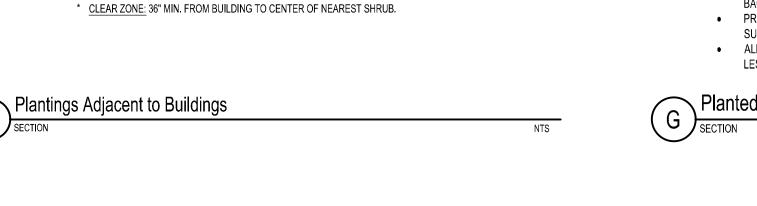
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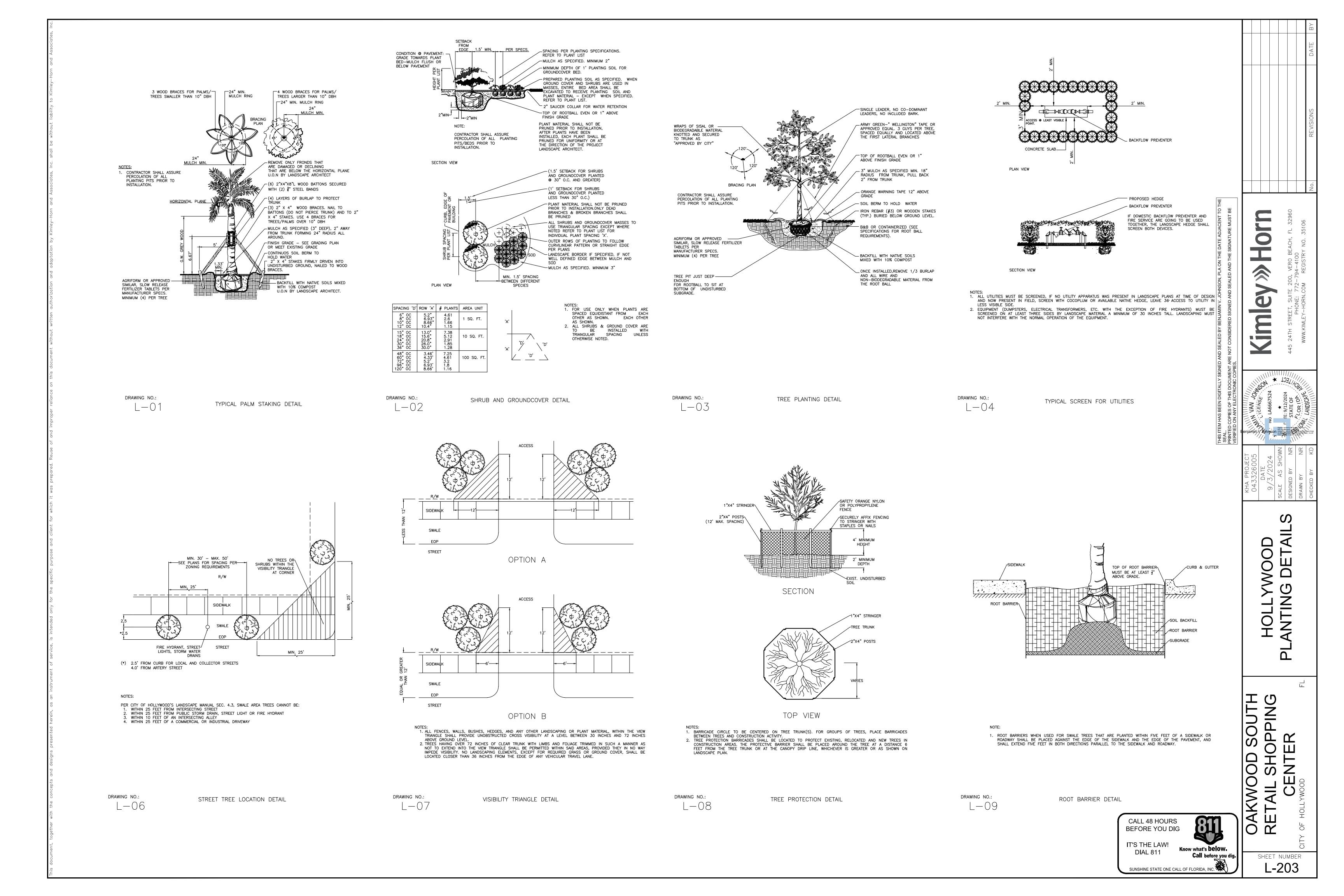
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A. SCOPE OF WORK

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.

MULCH 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.
- 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
- 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.

- 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

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 ACCEPTANCE.

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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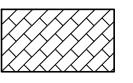
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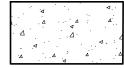
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PAVING SCHEDULE

6X9, 3 1/8" CROSSWALK VEHICULAR PAVERS FROM BELGARD PATTERN: HERRINGBONE SEE DETAIL B, SHEET L-350



12X24, 3 1/8" PEDESTRIAN PAVERS FROM BELGARD PATTERN 1/3 RUNNING BOND, ORIENT AS SHOWN ON PLAN SEE DETAIL A, SHEET L-350



STANDARD GREY CONCRETE WITH BROOM FINISH REFER TO CIVIL

REFERENCE NOTES SCHEDULE

SYMBOL	HARDSCAPE DESCRIPTION	<u>QTY</u>	<u>DETAIL</u>
H-101	P.I.P. PLANTER WALL	37 LF	DTL A, SHT L351
H-102	TREE GRATE	4	DTL D, SHT L351
SYMBOL	<u>LIGHTING</u> <u>DESCRIPTION</u>	QTY	<u>DETAIL</u>
LI-101	LANDSCAPE UPLIGHTING	25	DTL D, SHT L352
SYMBOL	SITE FURNISHING DESCRIPTION	QTY	<u>DETAIL</u>
S-101	COVERED BENCH SEATING	3	DTL A, SHT L352
S-102	TRASH RECEPTACLE	5	DTL C, SHT L351
S-103	BENCH SEATING	14	DTL B, SHT L352
S-104	BICYCLE RACK	7	DTL B, SHT L351
S-105	LARGE PLANTER	4	DTL E, SHT L351
S-106	INFORMATION KIOSK	2	DTL F, SHT L351
S-107	BOLLARD	21	DTL C, SHT L352

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HARDSCAPE PLAN

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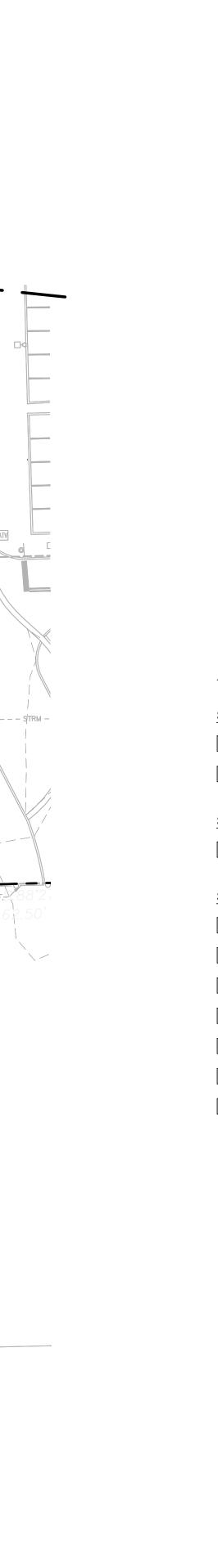
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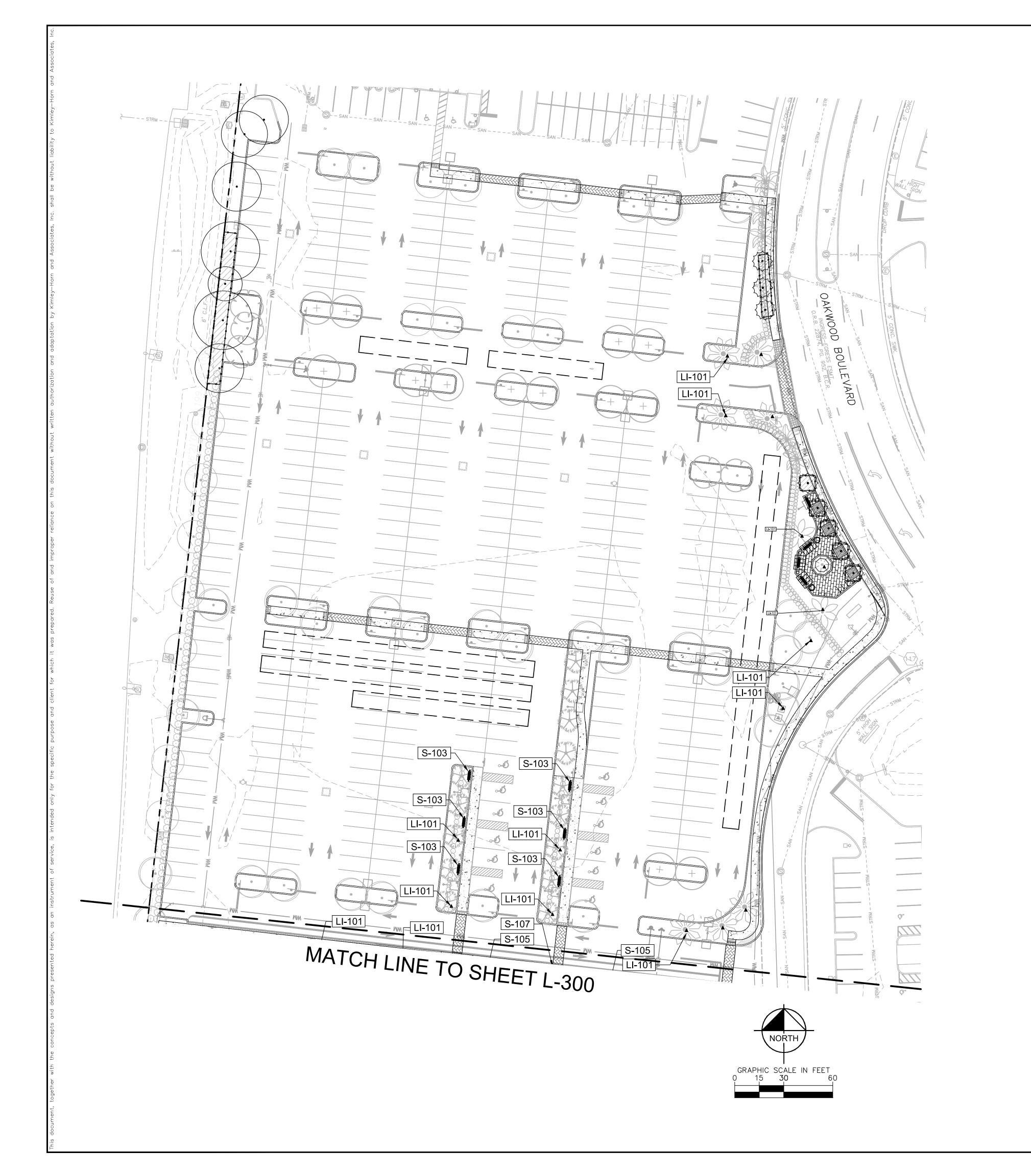
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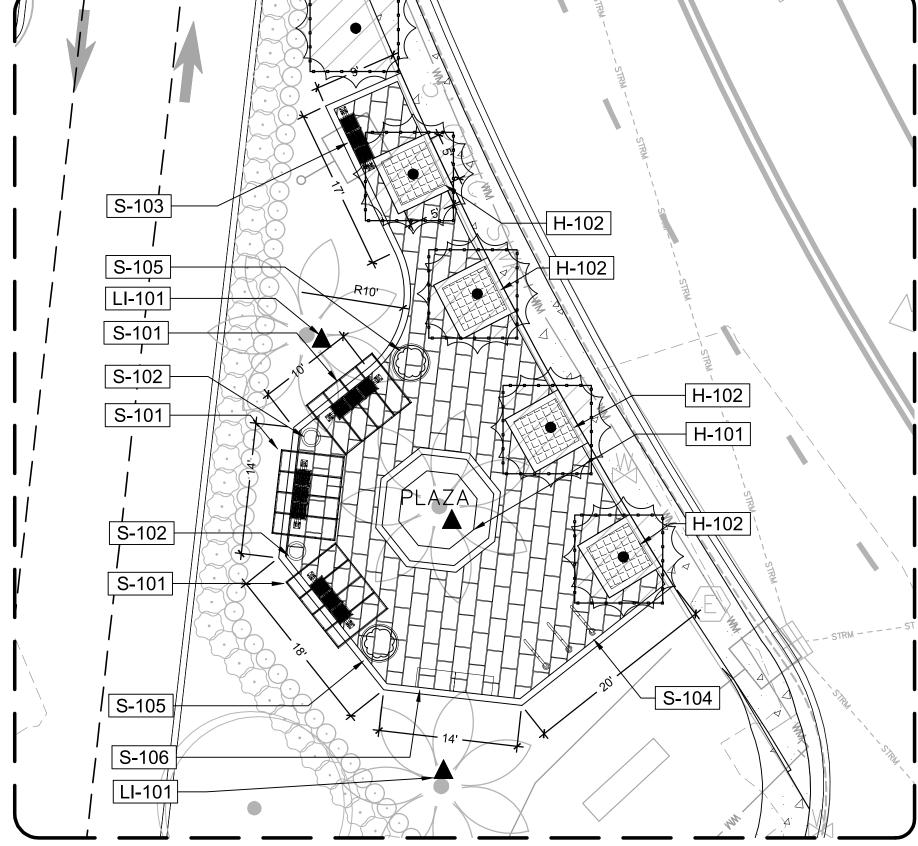
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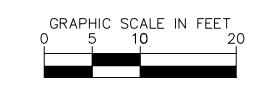
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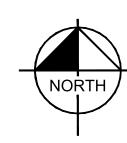




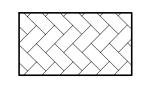


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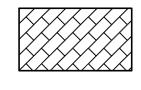




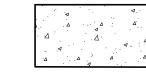
PAVING SCHEDULE



6X9, 3 1/8" CROSSWALK VEHICULAR PAVERS FROM BELGARD PATTERN: HERRINGBONE SEE DETAIL B, SHEET L-350



12X24, 3 1/8" PEDESTRIAN PAVERS FROM BELGARD PATTERN 1/3 RUNNING BOND, ORIENT AS SHOWN ON PLAN SEE DETAIL A, SHEET L-350



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S-107	BOLLARD	21	DTL C, SHT L352

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PLAN SCALE AS DESIGNED BY

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OAKWOODD SOR RETAIL SHOP CONCRETE PAVERS BY BELGARD (305) 522-0002 - FRANK GONZALEZ

6" X 9" X 2 3" MODULINE PATTER: 50% SLATE FINISH: GROUND FACE 50% TITANIUM FINISH: GROUND FACE PATTERN: HERRINGBONE W/ 8" CONCRETE HEADER BAND (ORIENT AS SHOWN ON HARDSCAPE PLAN)

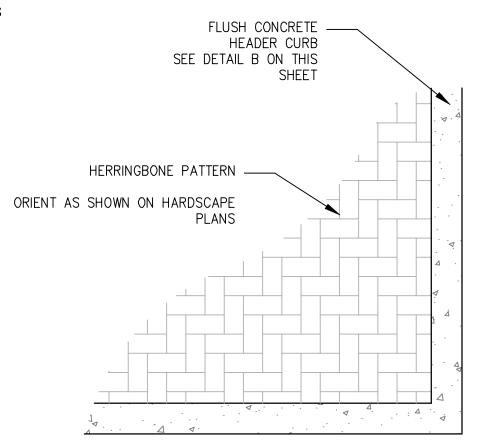
CONTRACTOR TO PROVIDE SHOP DRAWINGS, COLOR SAMPLES, AND 10'X10' MOCKUPS FOR OWNER'S REP APPROVAL PRIOR TO CONSTRUCTION AS WELL AS SIEVE ANALYSIS FOR JOINT AND BEDDING SAND.

PAVERS SHALL BE SWEPT WITH TECHNISEAL POLYMERIC SAND.

REFER TO CIVIL PLANS FOR GRADING.

REFER TO ICPI TECHNICAL SPECIFICATION NUMBER 2 'CONSTRUCTION OF INTERLOCKING CONCRETE PAVEMENTS' FOR INSTALLATION SPECS.

- 1. CONTRACTOR SHALL SUBMIT DETAILED, (SIGNED AND SEALED) ENGINEERED SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, AND LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION. PAVERS MUST MEET ALL FLORIDA BUILDING CODE SLIP COEFFICIENT REQUIREMENTS.
- 2. CONTRACTOR SHALL PROVIDE MOCK-UP AND SAMPLES FOR REVIEW AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, LANDSCAPE ARCHITECT, AND PRODUCT MANUFACTURER PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION. MOCK-UP SHALL BE ITERATIVE AND RE-WORKED UP TO (3) THREE TIMES BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER UNTIL ACCEPTED BY CLIENT, CIVIL ENGINEER, LANDSCAPE ARCHITECT AND PRODUCT MANUFACTURER.
- CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR REVIEW AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, AND LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION.



HERRINGBONE PATTERN W/ 8" FLUSH CONCRETE BAND PLAN

NCRETE PAVERS — PEDESTRIAN

LANDSCAPE AREA PEDESTRIAN PAVERS. PEDESTRIAN PAVERS. SEE DETAIL THIS SHEET. REFER TO SEE DETAIL THIS SHEET. REFER TO HARDSCAPE PLAN FOR PAVER TYPE HARDSCAPE PLAN FOR PAVER TYPE 3" MULCH BED AND LOCATION. AND LOCATION. PLANTING SOIL BASE COURSE BASE COURSE REFER TO DETAIL A ABOVE REFER TO DETAIL A ABOVE FLUSH CONCRETE HEADER FLUSH CONCRETE HEADER CURB - 3000 PSI @ 28 COMPACTED SUBGRADE CURB - 3000 PSI @ 28 COMPACTED SUBGRADE DAYS, LIGHT BROOM DAYS, LIGHT BROOM REFER TO DETAIL A ABOVE REFER TO DETAIL A ABOVE FINISH, CONTROL JTS AT FINISH. CONTROL JTS AT 4' O.C.; EXPANSION JTS 4' O.C.; EXPANSION JTS AT 12' O.C. AT 12' O.C. PAVER AT LANDSCAPE AREA PAVER AT PAVER

1/3 RUNNING BOND PATTERN W/ HEADER COURSE PLAN

MORTAR SETTING BED PER ICPI AND ----- LANDSCAPE AREA MANUFACTURER'S INSTALLATION SPECIFICATIONS PEDESTRIAN PAVERS. SEE DETAIL THIS SHEET. REFER TO 3" MULCH BED HARDSCAPE PLAN FOR PAVER TYPE AND LOCATION. PLANTING SOIL BASE COURSE REFER TO DETAIL A ABOVE - CONCRETE HEADER CURB - 3000 PSI @ 28 DAYS, LIGHT BROOM FINISH. COMPACTED SUBGRADE CONTROL JTS AT 4' O.C.; REFER TO DETAIL A ABOVE EXPANSION JTS AT 12'

PAVER AT LANDSCAPE AREA

TELUSH PAVER HEADER COURSE

CONCRETE HEADER CURB

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OPPING

SOUTH OAKWOOD

MANUFACTURER: KEYSTONE RIDGE www.keystoneridgedesigns.com (724) 284-1213 MODEL: PENN PN-10 (WITH CUSTOM LOGO MODIFICATION. COORDINATE WITH OWNER FOR ARTWORK) 2 SPOTS $39\frac{1}{4}$ [997mm] LENGTH: 27.5" WIDTH: 2" HEIGHT: 31" COLOR: CHARCOAL. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL. 27 1/2" LENGTH WIDTH HEIGHT NOTES: EMBEDDED MOUNT SET IN CONCRETE PAD, PER WEIGHT 45 lbs. MANUFACTURER $----27\frac{1}{2}$ [699mm] -----

NOT TO SCALE

DOOR SWING RAD. 24½[622mm]

MANUFACTURER: KEYSTONE RIDGE www.keystoneridgedesigns.com

(724) 284-1213

MODEL: HARMONY - HIIID-32

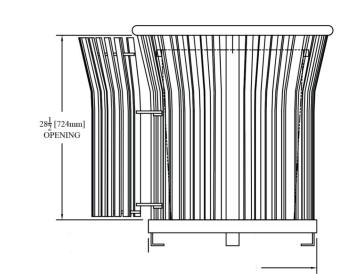
LENGTH: 31" SIZE:

WIDTH: 31" HEIGHT: 34"

BRONZE OR OWNER APPROVED COLOR:

NOTES: INSTALL PER MANUFACTURER'S SPECIFICATIONS

EMBEDDED MOUNT PER MANUFACTURER.



AND RECYCLE RECEPTACLE

MANUFACTURER:

MANUFACTURER: JAY SCOTTS jayscotts.com (954) 922 – 3939

SEE BELOW MODEL:

NOTES:

SMALL POT: ALZIRA 23"x23"x22" SIZES:

LARGE POT: ALZIRA 36"x36"x34"

COLOR: TO BE SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE

> INSTALL 12" DEEP DRAINAGE STONE IN BOTTOM OF POT WITH LANDSCAPE FILTER FABRIC FOR MEDIAN SEPARATION. ALL POTS TO BE FURNISHED WITH

DRAINAGE HOLES.

1. CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR REVIEW AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, AND LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION.

NOT TO SCALE

NOT TO SCALE

MODEL: SIZES: COLOR: NOTES:

MANUFACTURER: KEYSTONE RIDGE

LENGTH: 31"

WIDTH: 31"

HEIGHT: 34"

SPECIFICATIONS

MODEL:

SIZE:

COLOR:

NOTES:

www.keystoneridgedesigns.com

BRONZE OR OWNER APPROVED

INSTALL PER MANUFACTURER'S

EMBEDDED MOUNT PER MANUFACTURER.

(724) 284-1213

HARMONY - HIID-32

FREESTANDING PLANTER POT

Floor Stands

SEE BELOW

floorstands.com

(844) 409 - 1131

Eco-Design 6-sided Multi-View Kiosk

INSTALL PER MANUFACTURES IN GROUND POST MOUNT OPTION WITH LED LIGHTING.

TO BE APPROVED BY OWNER

NOT TO SCALE

BEFORE YOU DIG IT'S THE LAW! **DIAL** 811 Call before you dig.

OAKWOOD

L-351 SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NOT TO SCALE SOUTH

NOT TO SCALE

TUREI

MANU

OPPING

MANUFACTURER: LANDSCAPE FORMS www.landscapeforms.com (800) 521-2546

MODEL: Kaleidoscope Backless Presido Seat

SIZE: 1 Bay LENGTH: 116 1/4" WIDTH: 87 1/4" HEIGHT: 106 1/2"

NOTES:

COLOR: BRONZE. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL.

> BELOW GRADE MOUNT PER MANUFACTURER

Standard Dimensions

MANUFACTURER: LANDSCAPE FORMS www.landscapeforms.com (800) 521-2546 MODEL: Kaleidoscope Backless Presido Seat 1 Bay LENGTH: 116 1/4" SIZE: WIDTH: 87 1/4" HEIGHT: 106 1/2" COLOR: BRONZE. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL.

BELOW GRADE MOUNT PER

ley

TURER ILS

MANUFAC

TAIL

L-352

MANUFACTURER



NOT TO SCALE

NOT TO SCALE

Light Engine		TCRS5	TCRS8	TCRL15	TCRL20	TCRL26
Power (Watts)		5.0	8.0	12.0	17.6	25.1
Input Current @	120V (A)	0.04	0.07	0.10	0.15	0.22
Input Current @	277V (A)	0.02	0.03	0.05	0.07	0.10
Configuration						
S	4000K/5000K Lumens	530	812	1,500	2,039	2,718
Spot (20°)	3000K Lumens	512	785	1,450	1,971	2,628
	4000K/5000K Lumens	552	846	1,630	2,215	2,953
Medium (30°)	3000K Lumens	533	818	1,575	2,141	2,854
	4000K/5000K Lumens	561	860	1,657	2,251	3,002
Wide (50°)	3000K Lumens	542	831	1,602	2,176	2,902

Ambient Maint		1 Lumen tenance 0 Hours)	Theoretica L70 (Hours)	
Up to 40°C	٤	90%	153,000	
UMEN MULT	riplier	l		
Ambien Temperati	-	Lumen Multiplier		
10°C		1.02		
		1.01		
15°C			1.01	
15°C 25°C			1.00	

TCRS / TCRL TRACER FLOOD			MANUFACTURER:	Cooper Lighting Solutions www.designlights.com (770) 486—4800
Main	1 Lumen Itenance 00 Hours)	Theoretical L70 (Hours)	MODEL:	Lumark Flood Light TCRL20M
ULTIPLIER		153,000	COLOR:	CARBON BRONZE. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL.
oient erature		Multiplier	NOTES:	BELOW GRADE MOUNT PER MANUFACTURER

TCRS S=Spo	ution
TCRS 5=5W, 550 Nominal Lumens 8=8W, 850 Nominal Lumens TCRL 15=15W, 1,600 Nominal Lumens 20=20W, 2,200 Nominal Lumens 26=26W, 2,900 Nominal Lumens	lium

BK=Black					
VG=Verde Green					
WH=White					
7030=70 CRI / 3000K CCT					
7050=70 CRI / 5000K CCT					
NOTES: 1. DesignLights Consortium® Qualified. Refer to www.designlights.org Qualified Products List under Family Models for details. 2. Extended lead times apply to any options selected.					
STOCK ORDERING INFORMATION					
Stock SKUs					
Small	Large				
TCRS5S=Tracer Small 5W, 550 lumens, Spot Distribution	TCRL15S=Tracer Large 15W, 1,600 lumens, Spot Distribution				
TCRS5M=Tracer Small 5W, 550 lumens, Medium Distribution	TCRL15M=Tracer Large 15W, 1,600 lumens, Medium Distribution				
TCRS5W=Tracer Small 5W, 550 lumens, Wide Distribution	TCRL20M=Tracer Large 20W, 2,200 lumens, Medium Distribution				
TCRS8S=Tracer Small 8W, 850 lumens, Spot Distribution	TCRL26S=Tracer Large 26W, 2,900 lumens, Spot Distribution				
TCRS8M=Tracer Small 8W, 850 lumens, Medium Distribution					
	TCRL26M=Tracer Large 26W, 2,900 lumens, Medium Distribution				



TCRS / TCRL TRACER

Missing or invalid reference File: I:\Publix\2024 Publix Standards\5-40-MCCUE BOLLARD DETAILS.pdf Sheet: 1



OAKWOOD SOUTH RETAIL SHOPPING CALL 48 HOURS BEFORE YOU DIG IT'S THE LAW! Call before you dig.

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

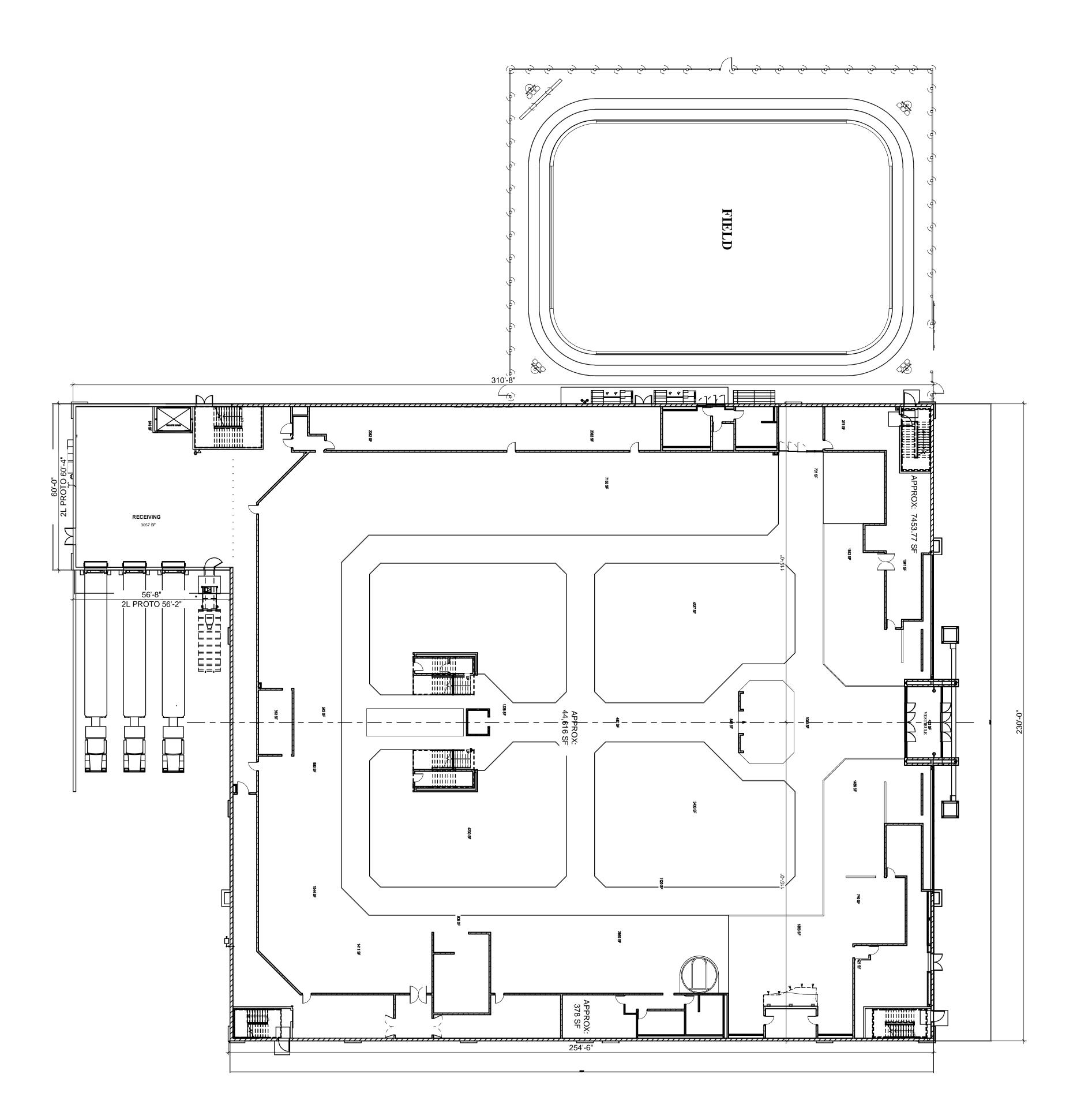
NOT TO SCALE

SHEET NUMBER

NOT TO SCALE

TCRS=Tracer Flood Small LED
TCRL=Tracer Flood Large LED

Sample Number: TCRS5S-WH-7050



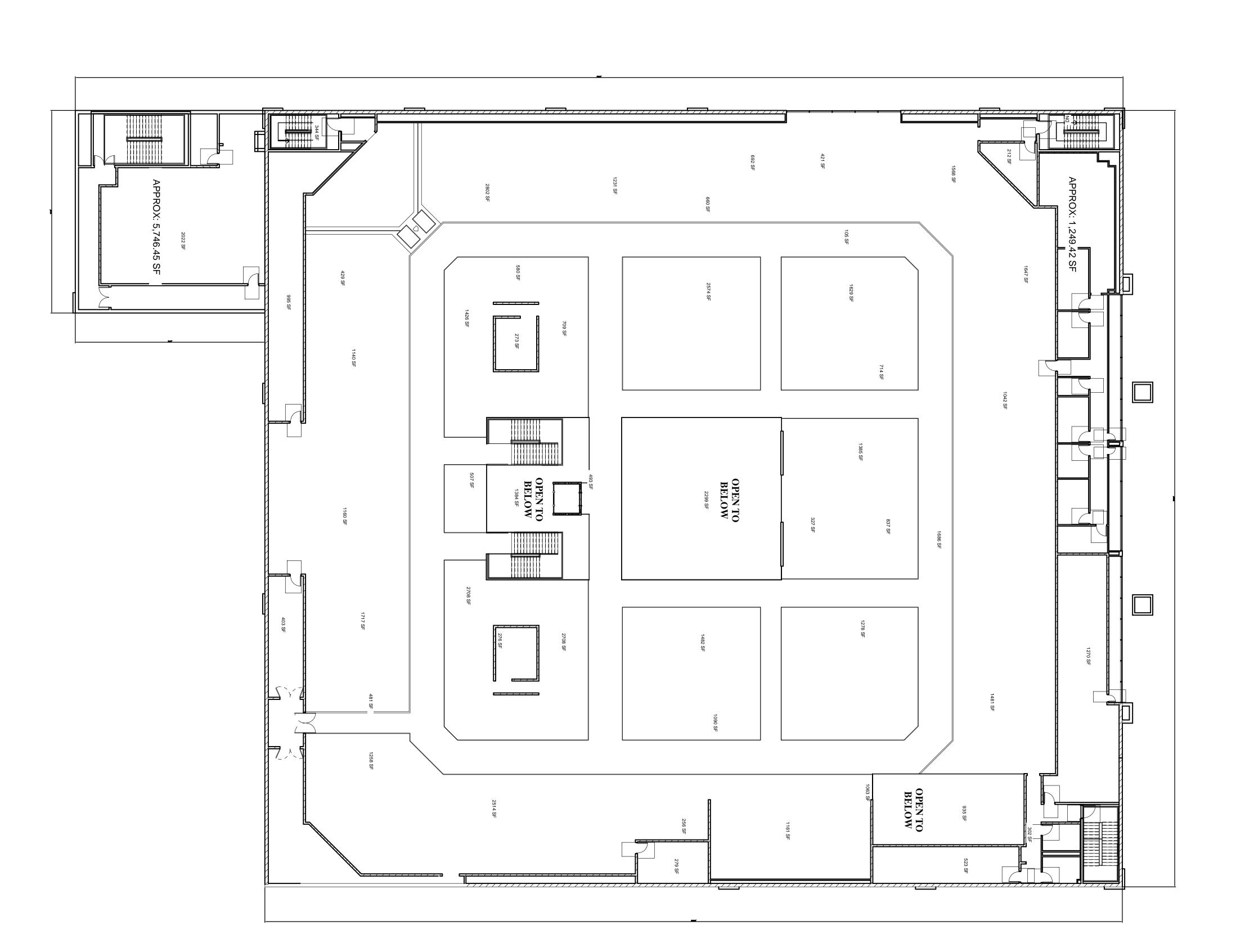
FLOOR FIRST

OAKWOOD SOUTH
RETAIL SHOPPING
CENTER

SHEET NUMBER

EX-01

FIRST FLOOR
1/16" = 1'-0"



SECOND OAKWOOD SOUTH
RETAIL SHOPPING
CENTER

SHEET NUMBER

EX-02

SECOND FLOOR

1/16" = 1'-0"







A Project

A Project

WOOD SOUTH RETAIL SHOPPING CENTE 2800 OAKWOOD BLVD.

KIMCO REALTY

1 OAKWOOD BOULEVARD, SUITE 70 HOLLYWOOD, FL 33020

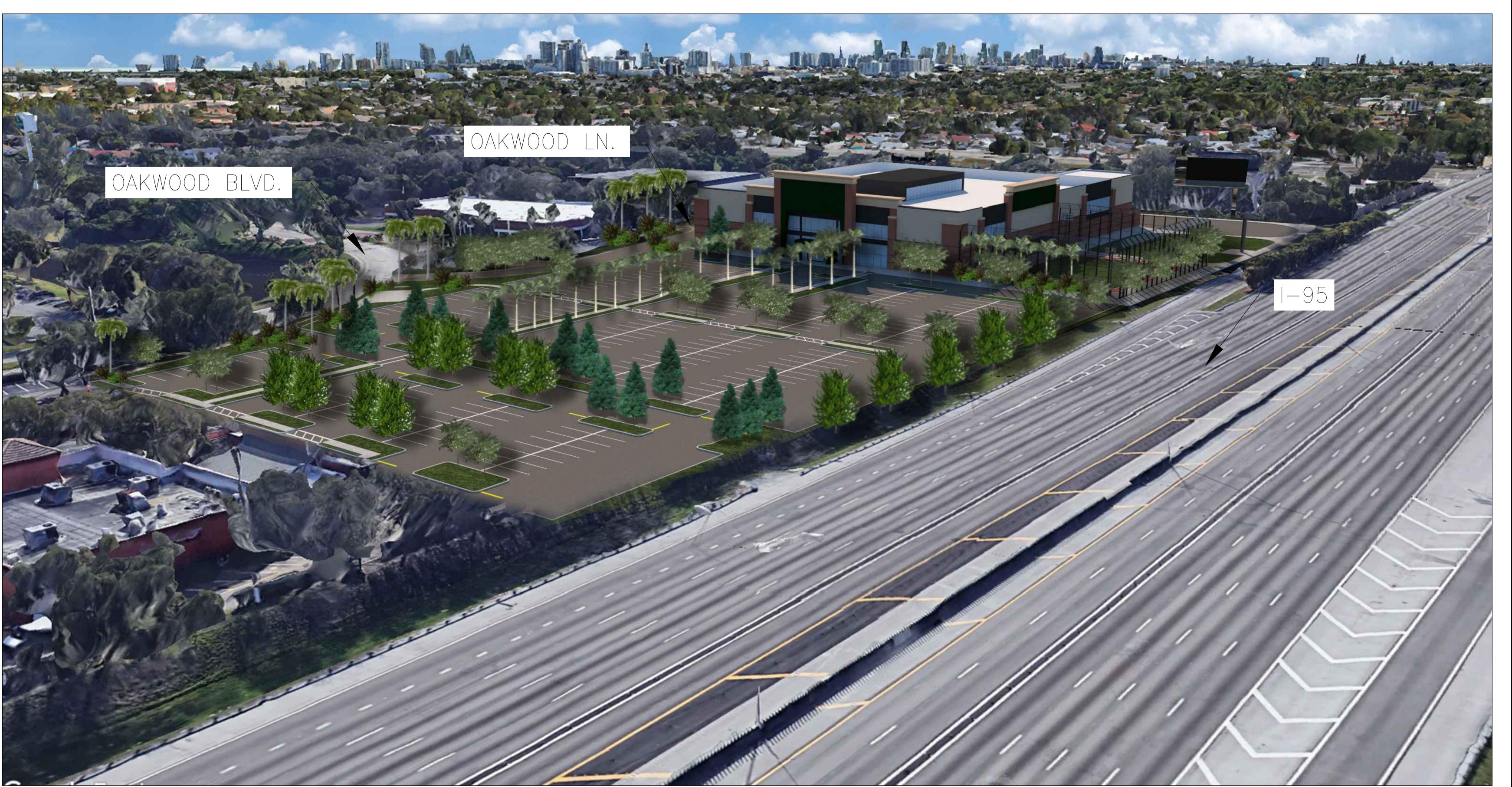
CLIENT REVIEW 07-09-2024

No. Description Date
Project No.: 24.251.01
Drawn By: Reviewed By: Scale: Date: 09-13-2024
Filename:
Sheet Title:

PROPOSED
EXTERIOR RENDERING

Sheet #

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KIMCO REALTY

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PROPOSED EXTERIOR RENDERING

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EXTERIOR RENDERING ____





A Project for:

A Project for

RETAIL REDEVELOPMENT
KWOOD SOUTH RETAIL SHOPPING CENT
2800 OAKWOOD BLVD.

:

KIMCO REALTY

1 OAKWOOD BOULEVARD, SUITE 70 HOLLYWOOD, FL 33020

ons:

CLIENT REVIEW 07-09-2024

No. Description Date
Project No.: 24.251.01
Drawn By: Reviewed By: Scale: Date: 09-13-2024

PROPOSED EXTERIOR RENDERING

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Sheet Title:

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KIMCO REALTY

CLIENT REVIEW 07-09-2024

Date 24.251.01 No. Description Drawn By:
Reviewed By:

PROPOSED **EXTERIOR RENDERING**

09-13-2024

Sheet Title:

OAKWOOD PLAZA SOUTH PROPOSED PHOTOMETRIC PLAN On-Site Lighting & Survey, LLC SCALE: NTS BUFFALO MN 55313 PH:763.684.1548 FAX:763.682.9048 **■ KIMCO**REALTY **OAKWOOD PLAZA SOUTH** 2910 OAKWOOD BLVD HOLLYWOOD, FL 33020 DESCRIPTION RETAIL BUILDING **PROPOSED** PHOTOMETRIC **PLAN** 111500 07.02.2024 **COLOR CODE ABOVE** GREEN MINIMUM D.M.WARZECKA **BELOW ORANGE** D.M.WARZECKA MINIMUM On-Site Lighting & Survey, LLC RED **BELOW** MINIMUM

OAKWOOD PLAZA SOUTH PROPOSED SCHEDULES

LPD AREA SUMMARY				
Label	Area	Total Watts	LPD	Perimeter
MAIN PARKING	114110	5071	0.044	1884

CALCULATION SUMMARY							
Label	Avg	Max	Min	Avg/Min	Max/Min	# Pts	%PtsRange
ALL CALC POINTS AT GRADE	1.07	6.5	0.0	N.A.	N.A.	1743	N.A.
PROPERTY LINE - RESIDENTIAL	0.20	0.5	0.0	N.A.	N.A.	45	N.A.
MAIN PARKING	3.62	6.5	1.5	2.41	4.33	283	79.9

COLOR CODE					
GREEN	ABOVE MINIMUM				
ORANGE	BELOW MINIMUM				
RED	FAR BELOW MINIMUM				

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURERS LLUMINARE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTA

On-Site Lighting & Survey, LLC

On-Site Lighting & Survey, LLC

1111 HIGHWAY 25 NORTH SUITE 201 BUFFALO MN 55313 PH:763.684.1548 FAX:763.682.9048



OAKWOOD PLAZA SOUTH

2910 OAKWOOD BLVD HOLLYWOOD, FL 33020

NGINEER INF

NGINEER SEAL

DATE INIT DESCRIPTI
1 07.09.2024 DMW LANDSCAF
CONFLIC

PROPOSED SCHEDULES

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07.02.2024

D.M.WARZECKA

D.M.WARZECKA

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