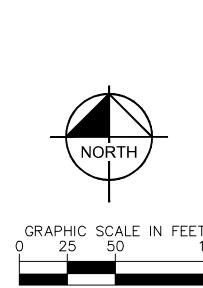
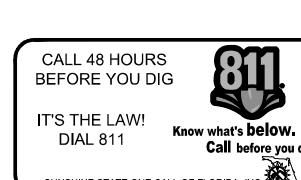
TREE DISPOSITION GRAPHIC LEGEND

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

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





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DISPOSITION
PLAN

OAKWOOD SOUTH RETAIL SHOPPING CENTER

TREE DISPOSITION a	nd MITIGAT	ION LIST																	
KHA TREE NO. SCIENTIFIC NAME		DBH (In.) SPREAD(ft) He	ight (Ft) Condition		91	Conocarpus erectus	Green Buttonwood	20	24 50	Fair	Remove	161	Ficus lyrata	Fiddle Leaf Fig Tree	q	18	20 Poor	Remain	
1 Conocarpus erectus 2 Quercus virginiana	Green Buttonwood Live Oak	28 30 17 28	45 Fair	Remain Remain	82	Conocarpus erectus	Green Buttonwood Green Buttonwood	18	16 50	Fair	Remove	162	Ptchosperma macarthurii	MacAurthur Palm	4	5	8 Fair	Remain	
3 Quercus virginiana	Live Oak	20 30	60 Good 50 Good	Remain	83	Conocarpus erectus	Green Buttonwood	40	36 50	Fair	Remove	163	Ptchosperma macarthurii	MacAurthur Palm	4	5	8 Fair	Remain	
4 Quercus virginiana	Live Oak	18 36	50 Good	Remain	84	Conocarpus erectus	Green Buttonwood	6	13 15	Fair	Remove	164	Quercus virginiana	Live Oak	12	18	26 Poor	Remain	
5 Quercus virginiana	Live Oak	18 21	50 Fair	Remain	85	Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12	12 45 12 45	Fair Fair	Remove Remove	165	Conocarpus erectus serceus Ptchosperma macarthurii	Silver Buttonwood MacAurthur Palm	12	5	10 Poor 8 Fair	Remain Remain	
6 Quercus virginiana 7 Quercus virginiana	Live Oak Live Oak	26 36 21 30	55 Good 45 Good	Remain Remain	87	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove	167	Quercus virginiana	Live Oak	5	15	25 Poor	Remain	+
8 Conocarpus erectus	Green Buttonwood	23 36	40 Good	Remove	88	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove	168	Quercus virginiana	Live Oak	6	12	18 Poor	Remain	
9 Conocarpus erectus	Green Buttonwood	30 30	30 Fair	Remove	89	Washingtonia palm	Mexican Fan Palm	12	12 45	Fair	Remove	169	Quercus virginiana	Live Oak	8	16	20	Remain Remain	
10 Washingtonia Palm	Mexican Fan Palm	12 24	30 Good	Remove	90	Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12	12 45 12 45	Fair Fair	Remove Remove	170	Quercus virginiana Conocarpus erectus	Live Oak Green Buttonwood	10	12	18 Fair	Remain	+
11 Washingtonia Palm 12 Washingtonia Palm	Mexican Fan Palm Mexican Fan Palm	13 24 12 24	24 Good 40 Good	Remove Remove	92	Tabebuia heterophylla	Pink Trumpet Tree	8	12 43	Fair	Remove	172	Conocarpus erectus	Green Buttonwood	10	16	20 Fair	Remain	
13 Washingtonia Palm	Mexican Fan Palm	12 24	24 Good	Remove	93	Conocarpus erectus	Green Buttonwood	43	30 40	Fair	Remove	173	Ptchosperma macarthurii	MacAurthur Palm	4	5	8 Poor	Remain	
14 Conocarpus erectus	Green Buttonwood	38 27	30 Fair	Remove	94	Tabebuia heterophylla	Pink Trumpet Tree	10	24 38	Fair _	Remove	174	Schefflera Conocarpus erectus	Umbrella Tree Green Buttonwood	6	6 7	12 Poor 12 Fair	Remove Remain	Invasive
15 Conocarpus erectus	Green Buttonwood	24 21	30 Fair	Remove	95	Tabebuia heterophylla Conocarpus erectus	Pink Trumpet Tree Green Buttonwood	14	24 50 17 45	Poor Poor	Remove Remove	176	Ptchosperma macarthurii	MacAurthur Palm	2	4	8 Fair	Remain	
16 Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	22 27 24 27	30 Fair 34 Poor	Remove Remove	97	Conocarpus erectus	Green Buttonwood	26	18 45	Fair	Remove	177	Conocarpus erectus	Green Buttonwood	6	7	12 Fair	Remain	
18 Conocarpus erectus	Green Buttonwood Green Buttonwood	29 30	34 Fair	Remove	98	Conocarpus erectus	Green Buttonwood	21	18 40	Fair	Remove	178	Conocarpus erectus	Green Buttonwood	6	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 erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	6	7	12 Fair 12 Fair	Remain Remain	
20 Ilex cassine	Holly	! 3	10 Poor	Remove	100	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	32	24 40 20 40	Fair Poor	Remove Remove	181	Schefflera	Umbrella Tree	8	6	12 Poor	Remove	Invasive
21 Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	18 27 33 33	35 Poor 50 Fair	Remove Remove	102	Conocarpus erectus	Green Buttonwood	25	25 40	Fair	Remove	182	Ptchosperma macarthurii	MacAurthur Palm	3	6	12 Fair	Remain	
23 Tabebuia heterophylla	Pink Trumpet Tree	7 15	16 Fair	Remove	103	Washingtonia palm	Mexican Fan Palm	12	12 20	Good	Remove	183	Quercus virginiana	Live Oak	10	16	20 Poor	Remain	les re a irre
24 Tabebuia heterophylla	Pink Trumpet Tree	7 21	18 Good	Remove	104	Conocarpus erectus	Green Buttonwood	30	21 55	Fair	Remove	184	Schefflera Sabal palmetto	Umbrella Tree Sabal Palm	14	8	12 Poor 12 Fair	Remove Remain	Invasive
25 Ilex cassine	Holly	3 3	6 Good	Remove	105 106	Quercus virginiana	Live Oak Green Buttonwood	25 34	48 55 35 60	Good Fair	Remove Remove	186	Quercus virginiana	Live Oak	10	17	22 Fair	Remain	+
26 Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	31 18 35 24	31 Fair 50 Fair	Remove Remove	107	Conocarpus erectus Conocarpus erectus	Green Buttonwood	28	34 40	Good	Remove	187	Conocarpus erectus	Green Buttonwood	10	16	20 Fair	Remain	
28 Ilex cassine	Holly	2 5	15 Poor	Remove	108	Conocarpus erectus	Green Buttonwood	30	38 45	Good	Remove	188	Schefflera	Umbrella Tree	6 14	7	12 Fair	Remove	Invasive
29 Conocarpus erectus	Green Buttonwood	22 27	34 Fair	Remove	109	Quercus virginiana	Live Oak	19	50 55	Good	Remove	189	Sabal palmetto Schefflera	Sabal Palm Umbrella Tree	5	6	10 Fair 12 Fair	Remain Remove	Invasive
30 Conocarpus erectus	Green Buttonwood	23 30	36 Fair	Remove	110	Quercus virginiana	Live Oak	28	40 40	Good	Remove	191	Schefflera	Umbrella Tree	4	4	8 Fair	Remove	Invasive
31 Conocarpus erectus Conocarpus erectus	Green Buttonwood	12 15 14 21	28 Fair 40 Good	Remove Remove	111	Quercus virginiana Quercus virginiana	Live Oak Live Oak	14 26	50 50	Good Good	Remove Remain	192	Conocarpus erectus	Green Buttonwood	10	16	20 Fair	Remain	
33 Conocarpus erectus	Green Buttonwood Green Buttonwood	6 18	40 Good 20 Good	Remove	113	Quercus virginiana	Live Oak	26	50 50	Good	Remain		Schefflera Ptchosperma macarthurii	Umbrella Tree	3	4	6 Fair	Remove Remain	Invasive
34 Conocarpus erectus	Green Buttonwood	43 27	45 Good	Remove	114	Conocarpus erectus	Green Buttonwood	24	30 240	Fair	Remain	195	Conocarpus erectus	MacAurthur Palm Green Buttonwood	6	10	5 Fair 16 Fair	Remain	+
36 Washingtonia palm	Mexican Fan Palm	9 12	60 Fair	Remain	115	Conocarpus erectus	Green Buttonwood	30	40 35	Good	Remove	196	Sabal palmetto	Sabal Palm	14	8	10 Fair	Remain	
37 Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	9 12 15 12	60 Fair 60 Good	Remain Remain	116	Bucida buceras Conocarpus erectus	Black Olive Green Buttonwood	16	18 35 25 30	Poor Poor	Remove Remain	197	Conocarpus erectus serceus	Silver Buttownwood	4	5	10 Poor	Remain	
38 Washingtonia palm 39 Washingtonia palm	Mexican Fan Palm	12 12	60 Good	Remove	118	Quercus virginiana	Live Oak	14	20 25	Fair	Remain	198 199	Conocarpus erectus serceus Conocarpus erectus	Silver Buttownwood Green Buttonwood	4 5	5	10 Poor 15 Poor	Remain Remain	
40 Washingtonia palm	Mexican Fan Palm	12 12	35 Good	Remain	120	Quercus virginiana	Live Oak	21	32 45	Good	Remove	200	Quercus virginiana	Live Oak	8	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 Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12' 12 12' 12	55 Good 55 Good	Remain Remain	122 123	Conocarpus erectus Quercus virginiana	Green Buttonwood Live Oak	20	34 50 30 45	Good Good	Remove Remove	202	Ptchosperma macarthurii	MacAurthur Palm	4	4	5 Fair	Remain	
44 Washingtonia palm	Mexican Fan Palm	12' 12	55 Good	Remain	124	Quercus virginiana	Live Oak	20	56 55	Good	Remove	203	Ptchosperma macarthurii Ptchosperma macarthurii	MacAurthur Palm MacAurthur Palm	3	4	4 Fair 4 Fair	Remain 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 virginiana	Live Oak	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 erectus	Green Buttonwood	14	20	18 Poor	Remain	
47 Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	26 12 12 12	55 Good 55 Good	Remove Remove	127 128	Tabebuia heterophylla Quercus virginiana	Pink Trumpet Tree Live Oak	13	25 30 26 35	Good Good	Remove Remove	207	Conocarpus erectus	Green Buttonwood	12	18	16 Poor	Remain	
49 Washingtonia palm	Mexican Fan Palm	12 12	55 Good	Remove	129	Quercus virginiana	Live Oak	14	16 30	Fair	Remove	208	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	10 22	20	20	Remain Remain	
50 Washingtonia palm	Mexican Fan Palm	12 12	55 Good	Remove	130	Quercus virginiana	Live Oak	9	27 30	Fair	Remove	210	Schefflera	Umbrella Tree	8	8	20 Fair	Remove	Invasive
51 Washingtonia palm	Mexican Fan Palm	10 12	55 Good	Remove	131	Quercus virginiana	Live Oak	16	40 36	Fair	Remove	211	Schefflera	Umbrella Tree	8	8	18 Fair	Remove	Invasive
52 Washingtonia palm 53 Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12 12 12 12 12 12 12 12 12 12 12 12 12 1	55 Good 55 Good	Remove Remove	132 133	Quercus virginiana Quercus virginiana	Live Oak Live Oak	11	18 30 18 30	Fair Poor	Remove Remove	212 213	Ptchosperma macarthurii Ptchosperma macarthurii	MacAurthur Palm MacAurthur Palm	5	6	9 Fair 7 Fair	Remain Remain	
54 Quercus virginiana	Live Oak	11 12	50 Poor	Remove	134	Quercus virginiana	Live Oak	30	54 50	Good	Remove	213	Ptchosperma macarthurii	MacAurthur Palm	5	4	7 Fair	Remain	+
55 Quercus virginiana	Live Oak	20 50	45 Good	Remove	135	Quercus virginiana	Live Oak	16	36 50	Good	Remove	215	Quercus virginiana	Live Oak	18	36	35 Fair	Remain	
56 Washingtonia palm	Mexican Fan Palm	12 12	50 Fair	Remove	136	Quercus virginiana	Live Oak	32	30 45	Fair	Remove	216	Quercus virginiana	Live Oak	16	24	30 Fair	Remain	
57 Washingtonia palm 58 Phoenix robelenii	Mexican Fan Palm Pygmy Date Palm	12 12	50 Fair 12 Good	Remove Remove	137	Quercus virginiana Conocarpus erectus	Live Oak Green Buttonwood	18 30	36 55 24 45	Fair Good	Remove Remove	217	Schefflera Sabal palmetto	Umbrella Tree Sabal Palm	14	8	30 Poor	Remain Remain	N.I.S.
59 Phoenix robelenii	Pygmy Date Palm (dbl)	4 16	12 Good 12 Good	Remove	139	Conocarpus erectus	Green Buttonwood	37	27 45	Good	Remove	219	Quercus virginiana	Live Oak	12	15	12 Fair 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	24	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 Phoenix robelenii	Pygmy Date Palm (dbl) Pygmy Date Palm (dbl)	4 16	12 Good 12 Good	Remove Remove	142	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	20	24 30 24 30	Good Good	Remove Remove	222	Quercus virginiana Quercus virginiana	Live Oak Live Oak	16	18	20 Fair 25 Poor	Remain 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	1	3	3 Poor	Remove	Invasive
66 Tabebuia heterophylla	Pink Trumpet Tree	9 30	24 Good	Remove	146	Conocarpus erectus	Green Buttonwood	40	27 55	Fair	Remove	226	Ficus benjamina	Ficus Tree Cluster	3	4	3" Poor	Remove	Invasive
67 Tabebuia heterophylla 68 Conocarpus erectus	Pink Trumpet Tree	22 30 34 40	30 Good 40 Good	Remove Remove	147 148	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	31	24 50 18 40	Poor Poor	Remove Remove	227	Ficus benjamina Ficus benjamina	Ficus Tree Cluster Ficus Tree	3	3	4 Poor 5" Poor	Remove Remove	Invasive Invasive
69 Quercus virginiana	Green Buttonwood Live Oak	20 20	30 Poor	Remove	149	Conocarpus erectus	Green Buttonwood	18	15 35	Poor	Remove	229	Ficus benjamina	Ficus Tree	1	3	3" Poor	Remove	Invasive
70 Quercus virginiana	Live Oak	17 20	40 Fair	Remove	150	Conocarpus erectus	Green Buttonwood	36	22 40	Poor	Remove	230	Ficus benjamina	Ficus Tree	2	3	3 Poor	Remove	Invasive
71 Quercus virginiana	Live Oak	17 30	35 Fair	Remove	151	Conocarpus erectus	Green Buttonwood	41	30 50	Poor	Remove	231	Ficus benjamina	Ficus Tree	2	4	5 Poor	Remove	Invasive
72 Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12 12 12 12	60 Good 60 Good	Remove Remove	152 153	Conocarpus erectus Conocarpus erectus	Green Buttonwood Green Buttonwood	24	30 45 15 20	Poor Fair	Remove Remove	232	Ficus benjamina Schefflera	Ficus Tree Umbrella Tree	2	3	5 Poor 7" Poor	Remove Remove	Invasive Invasive
73 Washingtonia palm Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12 12	60 Good 60 Good	Remove	154	Conocarpus erectus	Green Buttonwood Green Buttonwood	13	15 20	Fair	Remove	233	Ficus benjamina	Ficus Tree	1	3	3 Poor	Remove	Invasive
75 Quercus virginiana	Live Oak	19 40	50 Good	Remove	155	Conocarpus erectus	Green Buttonwood	10	15 20	Fair	Remove	235	Ficus benjamina	Ficus Tree	1	2	3 Poor	Remove	Invasive
76 Washingtonia palm	Mexican Fan Palm	12 12	45 Fair	Remove	156	llex cassine	Holly		7 12	Fair	Remove	236	Ficus benjamina	Ficus Tree	2	3	6 Poor	Remove	Invasive
77 Washingtonia palm	Mexican Fan Palm Mexican Fan Palm	12 12	45 Fair	Remove	157	Conocarpus erectus	Green Buttonwood	46	36 60	Fair Poor	Remove Remain							TOTAL DBH REMOVED (IN.)	2039
78 Washingtonia palm 79 Tabebuia heterophylla	Pink Trumpet Tree	12 12 12 12 12 12 12 12 12 12 12 12 12 1	45 Fair 25 Fair	Remove Remove	158 159	Quercus virginiana Quercus virginiana	Live Oak Live Oak	12 15	24 30 30 35	Poor	Remain Remain	N/ 0 11 11 1	Na	I	1		l	TOTAL PALMS	
80 Tabebuia heterophylla	Pink Trumpet Tree	10 22	25 Fair	Remove	160	Ptchosperma macarthurii		3	6 10	Fair	Remain	N.I.S. = Not in S	ocope					REMOVED (EA.)	1 20 1
TREE BAITICATION CALCULATIONS											<u>-</u>								

•	•	
REE MITIGATI	ON CALCULATIONS	
TAL MITICATION DECLUE	DED (DBILLIN INICHES)	

TOTAL TREE TRUST FUND CONTRIBUTION (TREE DEFICIT x \$350)

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

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

OAKWOOD SOUTH
RETAIL SHOPPING
CENTER CALL 48 HOURS BEFORE YOU DIG

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Know what's **below.** Call before you dig.

SHEET NUMBER L-101

TREE SCHEDULE AND MITIGATION

TREE REMOVAL AND TREE TO REMAIN PRUNING SPECIFICATIONS

- 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
 - 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.
- 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.

PART 4 - PENALTIES A. Repair of Damaged Trees To Remain

4. Burn pits are not allowed.

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

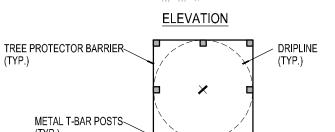
- A. Contractor's Certified Arborist to determine the location of the Tree Protector Barrier around each tree to remain based on his/her analysis of each existing tree to remain that is adjacent to construction improvements such as utility installation, pavement addition and/or restoration, etc.
- B. 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

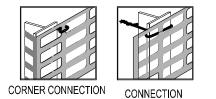
- A. Contractor shall irrigate trees as specified by Landscape Architect and Qualified Certified Arborist.
- B. On a monthly basis an irrigation audit shall be conducted by an irrigation specialist for review by Landscape Architect or Qualified Certified Arborist.

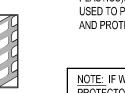
- SIX (6) FOOT TALL WIRE MESH CONSTRUCTION FENCE BY EIGHT (8)
- WEATHER RESISTANT MATERIAL 2' X 2' "TREE PROTECTION ZONE" SIGN. REPRESENTATIVE PRIOR TO INSTALLATION.
- APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO

A. POST SELECTION SHOULD BE BASED ON









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.



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

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 INSTALLATION.

INSTALLATION NOTES:

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.

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

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



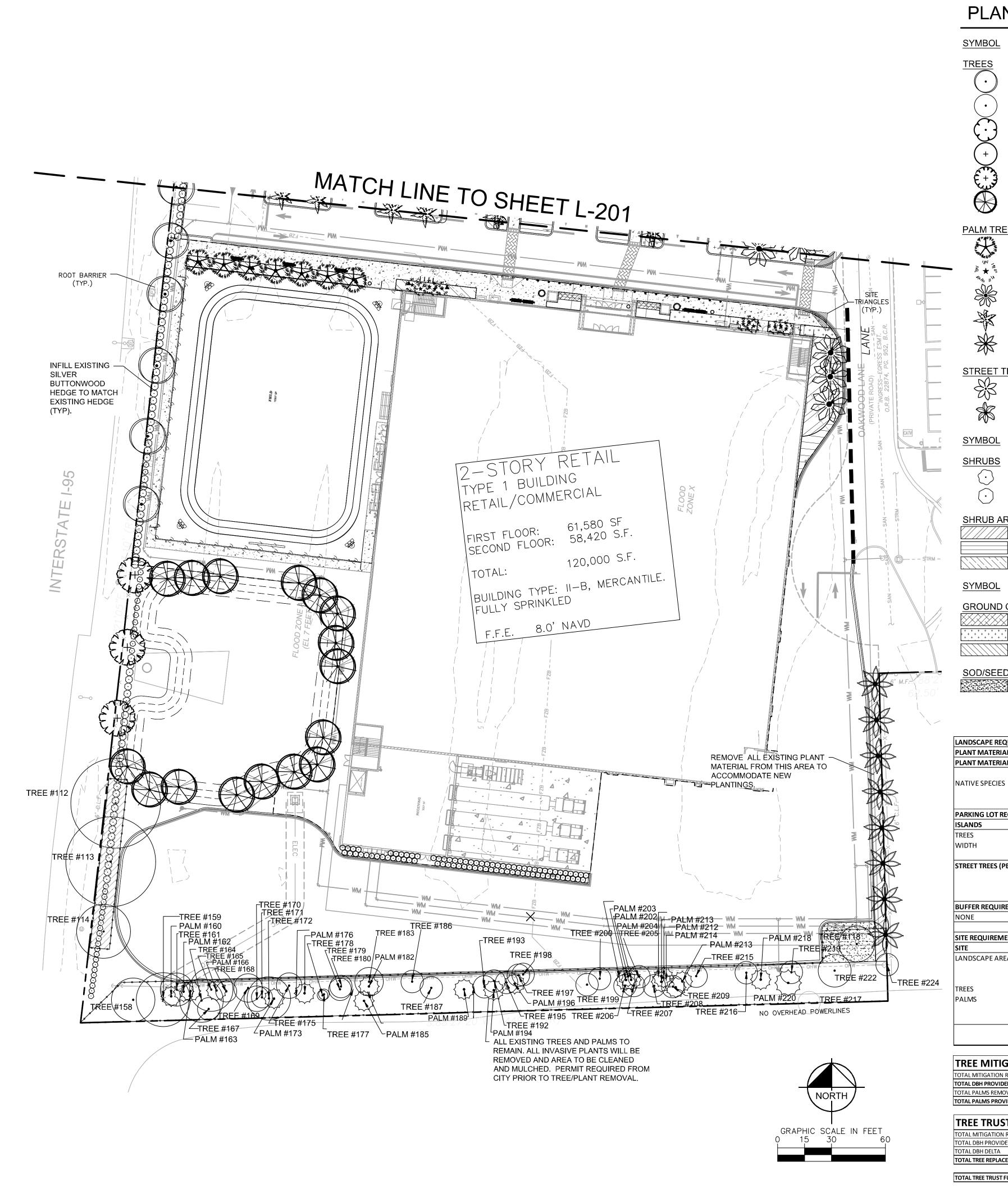


DISPOSITION TRE

SOUTH

BEFORE YOU DIG IT'S THE LAW!

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PLANT SCHEDULE

SYMBOL	CODE	<u>QTY</u>	COMMON NAME	BOTANICAL NAME	CONTAINER	(DBH	<u>HT</u>	NATIVE	WATER US
TREES									
	СО	29	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
\bigcirc	IA	5	EAST PALATKA HOLLY	ILEX X ATTENUATA 'EAST PALATKA'	F.G.	2" DBH MIN.	12` HT MIN. X 5` SPR	YES	MODERATE
+	IE	13	EAST PALATKA HOLLY	ILEX X ATTENUATA 'EAST PALATKA'	F.G.	3" DBH MIN.	14`HT X 6`SPR	YES	MODERATE
£ + 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 MIN.	14-16` HT. MIN., 8` CLEAR TRUNK	YES	NO
PALM TRE	ΞE								
W MAN VI	AA	19	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
	SS	6	CABBAGE PALMETTO DEBOOTED	SABAL PALMETTO	F.G.	-	8' GW	YES	LOW
	VM	8	MONTGOMERY PALM	VEITCHIA MONTGOMERYANA	F.G.		8' GW	NO	LOW
STREET T	REES								
	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	SPACING	SIZE	NATIVE	WATER US
SHRUBS	СВ	205	SILVER BUTTONWOOD MAINTAINED AT 36" HT., FULL TO BASE	CONOCARPUS ERECTUS 'SERICEUS'	CONT.	30" O.C.	30"X30"	YES	
(\cdot)	ES	163	TO REMAIN	EXISTING SHRUB	-				
SHRUB AF	REAS								
] нс	738	DWARF FIREBUSH	HAMELIA PATENS 'COMPACTA'	CONT	24" O.C.	18"X18"	YES	LOW
	JJ	608	WAX JASMINE	JASMINUM VOLUBILE	CONT.	30" O.C.	20" FULL	NO	MODERATE
	RA	899	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	
	TK	1,601	DWARF MINIMA ASIATIC JASMINE	TRACHELOSPERMUM ASIATICUM 'KENROKUEN'	CONT.	15" O.C.	10" FULL	YES	LOW
SOD/SEED	on sod	5,233 SF	FLORATAM ST. AUGUSTINE SOD	STENOTAPHRUM SECUNDATUM `FLORATAM`	SOD		SOD	NO	

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 = 47 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	ITS (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
ΓREES	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 LARGE PALM = 1 CANOPY TREE	7 ROYAL PALMS= 7 TREES

TOTAL SHRUBS: 1644 PROPOSED

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 (DRH IN INCHES)	2.039
TOTAL MITIGATION REQUIRED (DBH IN INCHES)	2,039
TREE TRUST FUND CALCULATIONS TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED	2,039 247
TOTAL MITIGATION REQUIRED (DBH IN INCHES)	
TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED	247
TOTAL MITIGATION REQUIRED (DBH IN INCHES) TOTAL DBH PROVIDED TOTAL DBH DELTA	247 1,792

BEFORE YOU DIG

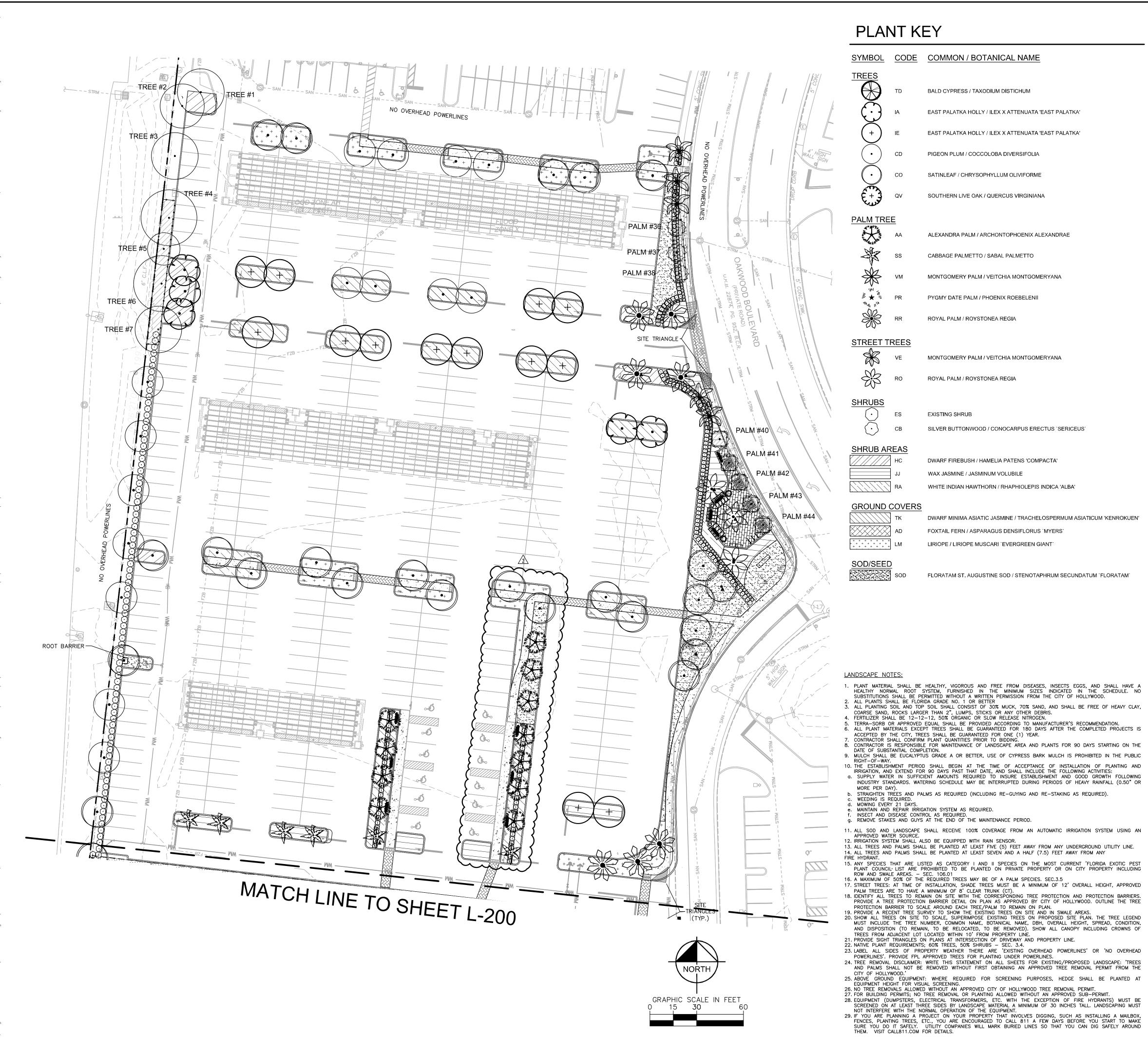
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SHEET NUMBER L-200

SOUTH

Kimley



SYMBOL	CODE	COMMON / BOTANICAL NAME
TREES		
	TD	BALD CYPRESS / TAXODIUM DISTICHUM
(\cdot)	IA	EAST PALATKA HOLLY / ILEX X ATTENUATA 'EAST PALATKA'
(+)	ΙE	EAST PALATKA HOLLY / ILEX X ATTENUATA 'EAST PALATKA'
$\overline{(\cdot)}$	CD	PIGEON PLUM / COCCOLOBA DIVERSIFOLIA
$\widetilde{(\cdot)}$	СО	SATINLEAF / CHRYSOPHYLLUM OLIVIFORME
E + 3	QV	SOUTHERN LIVE OAK / QUERCUS VIRGINIANA
PALM TRE	E	
AWMANYA STATE OF THE STATE OF	AA	ALEXANDRA PALM / ARCHONTOPHOENIX ALEXANDRAE
A S	SS	CABBAGE PALMETTO / SABAL PALMETTO
	VM	MONTGOMERY PALM / VEITCHIA MONTGOMERYANA
	PR	PYGMY DATE PALM / PHOENIX ROEBELENII
	RR	ROYAL PALM / ROYSTONEA REGIA
STREET T	REES	
	VE	MONTGOMERY PALM / VEITCHIA MONTGOMERYANA
	RO	ROYAL PALM / ROYSTONEA REGIA
SHRUBS		
\odot	ES	EXISTING SHRUB
\bigcirc	СВ	SILVER BUTTONWOOD / CONOCARPUS ERECTUS `SERICEUS`
SHRUB AF	REAS	
	∫ HC	DWARF FIREBUSH / HAMELIA PATENS 'COMPACTA'
] JJ	WAX JASMINE / JASMINUM VOLUBILE
	RA	WHITE INDIAN HAWTHORN / RHAPHIOLEPIS INDICA 'ALBA'
GROUND	7	
	√ тк 7	DWARF MINIMA ASIATIC JASMINE / TRACHELOSPERMUM ASIATICUM 'KENROKUEN
[+,+++++	d AD ₹	FOXTAIL FERN / ASPARAGUS DENSIFLORUS `MYERS`
+ + + + + + + + + + + + + + + + + + + +	. LM	LIRIOPE / LIRIOPE MUSCARI `EVERGREEN GIANT`
SOD/SEE	SOD	FLORATAM ST. AUGUSTINE SOD / STENOTAPHRUM SECUNDATUM `FLORATAM`

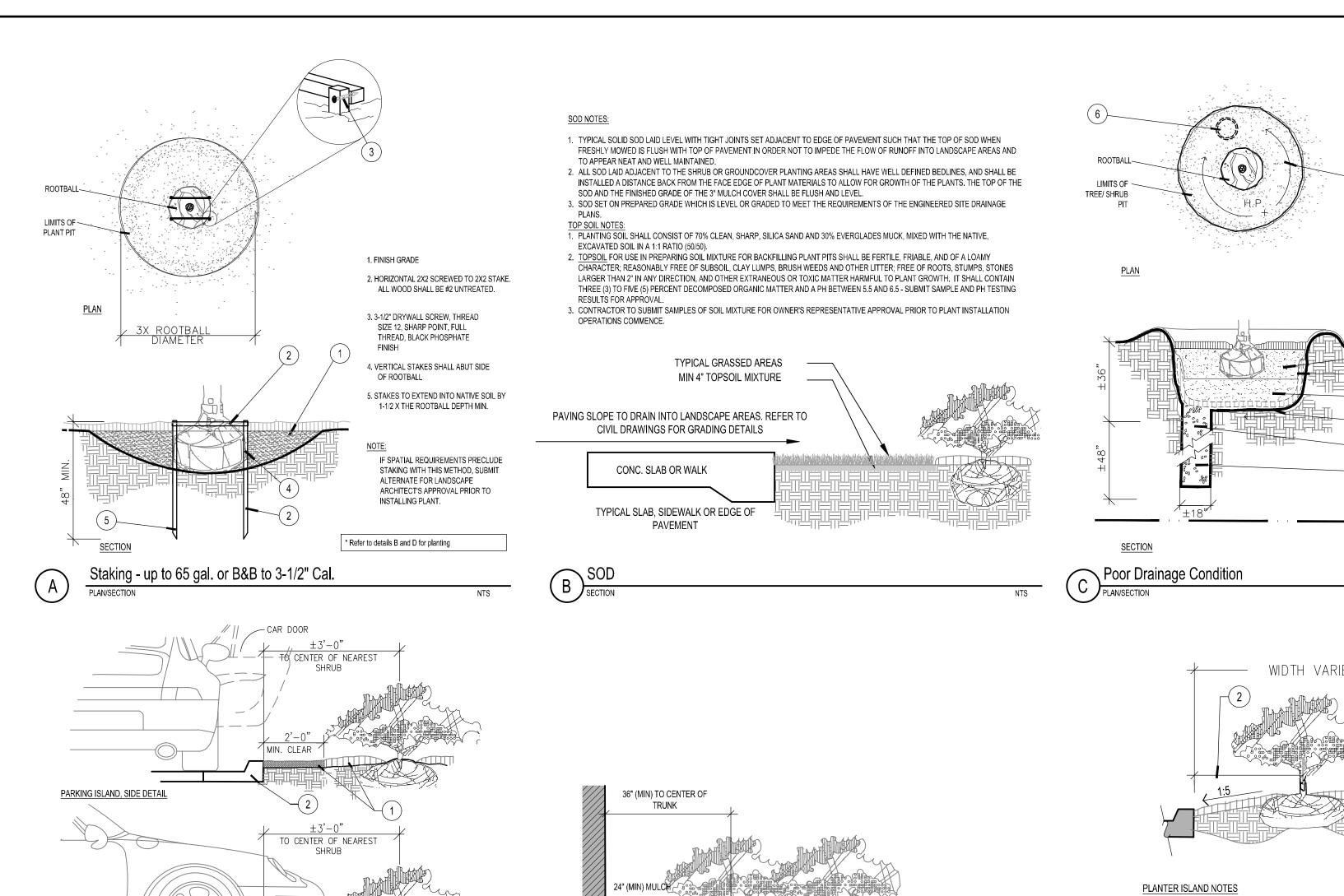
SOUTH OPPING ER S

AKWOOD

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

➤ Plantings Adjacent to Buildings

PARKING ISLAND, NOSE-IN DETAIL

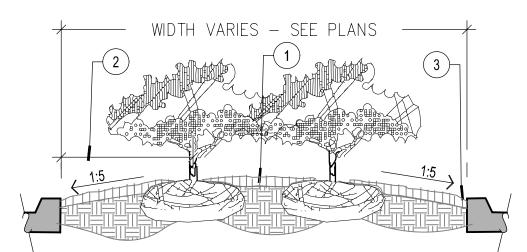
2. CURB OR PARKING LOT EDGE, BY OTHERS

Parking Space/Curb Planting

SECTION

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. BACKFILL WITH PREPARED PLANTING SOIL

MIX AS SPECIFIED.

FINISHED GRADE.

5. SLOPE BOTTOM TO DRAIN

6. ±18"Ø AUGURED HOLE PENETRATE THROUGH OCCLUDING LAYER TO

7. BACKFILL WITH 1/2" - 3/4" GRAVEL.

8. WATER TABLE. (DEPTH VARIES)

FOR A PARKING ISLAND PLANTING SITUATION,

EDGE OF PAVEMENT.

INFORMATION.

CONTRACTOR TO BACKFILL

ENTIRE LENGTH OF PLANTING AREA

TO WITHIN 6" OF BACK OF CURB OR

REFER TO NOTE 0.3 OF WRITTEN

SPECIFICATIONS FOR ADDITIONAL

WATER TABLE OR TO A DEPTH OF 7'

TO ASSURE PROPER PERCOLATION.

BETTER

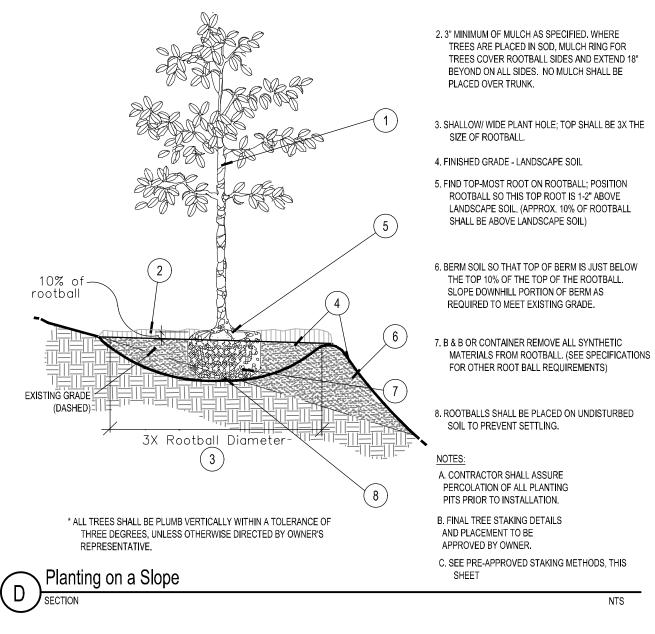
3. FILTER CLOTH, MIRAFI 500X OR

4. 12" CLEAN SAND, COMPACTED. ADJUST LAYER THICKNESS SO TOP

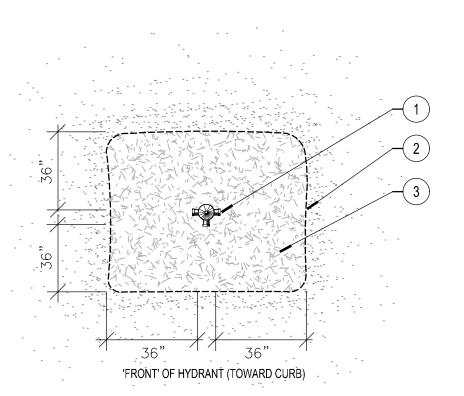
OF ROOTBALL IS AT LEAST 1" ABOVE

- 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

Planted Parking Lot Islands / Medians



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



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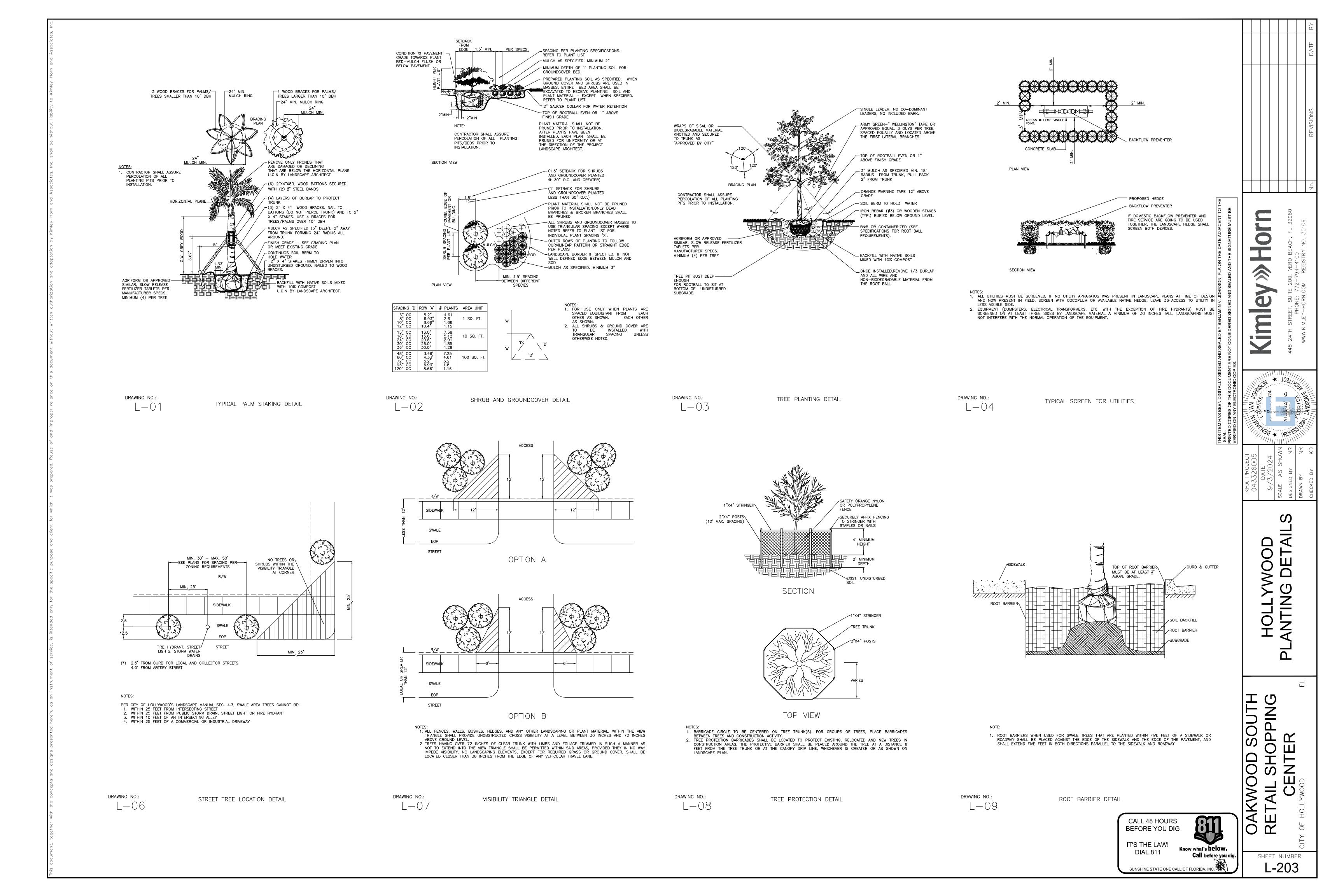
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SOUTH



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.

L. NATIVE STOCK

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.

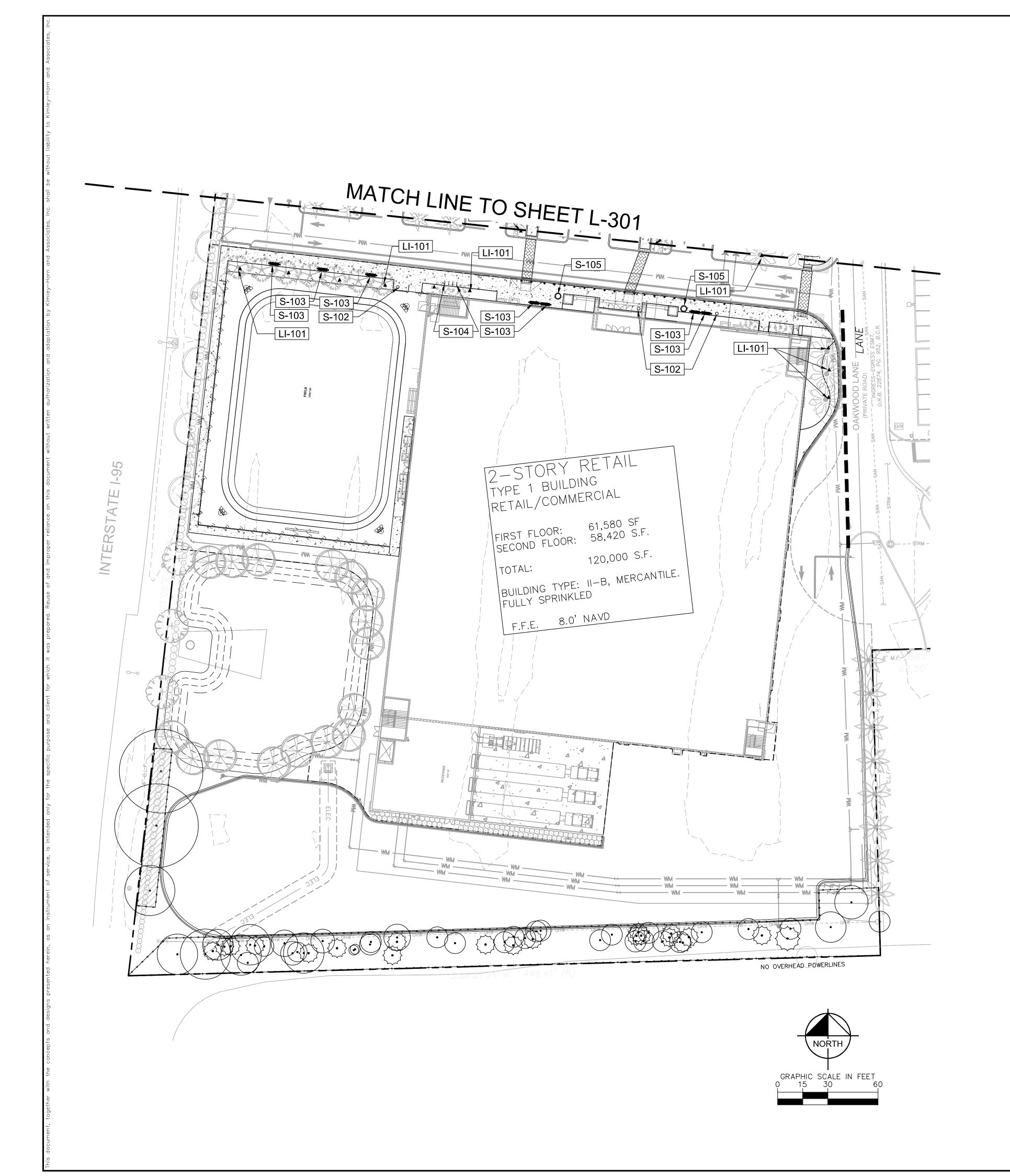
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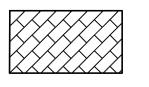
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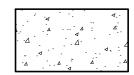




6X9, 3 1/8" CROSSWALK VEHICULAR PAVERS FROM BELGARD PATTERN: HERRINGBONE SEE DETAIL B, SHEET L-350



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	DETAIL
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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RINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGERIFIED ON ANY ELECTRONIC COPIES.

Kimley

IARDSCAPE PL

KWOOD SOUTH FAIL SHOPPING

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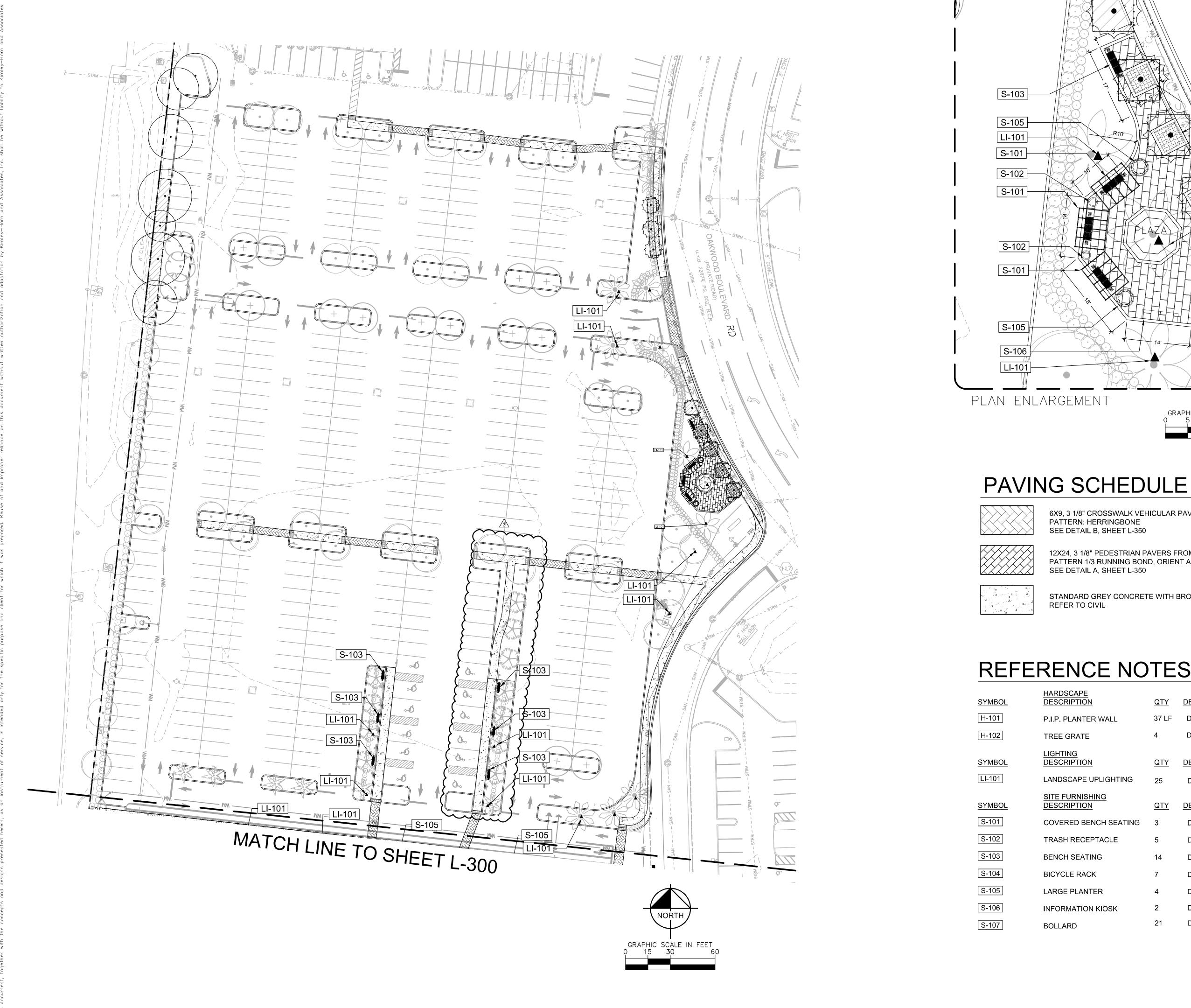
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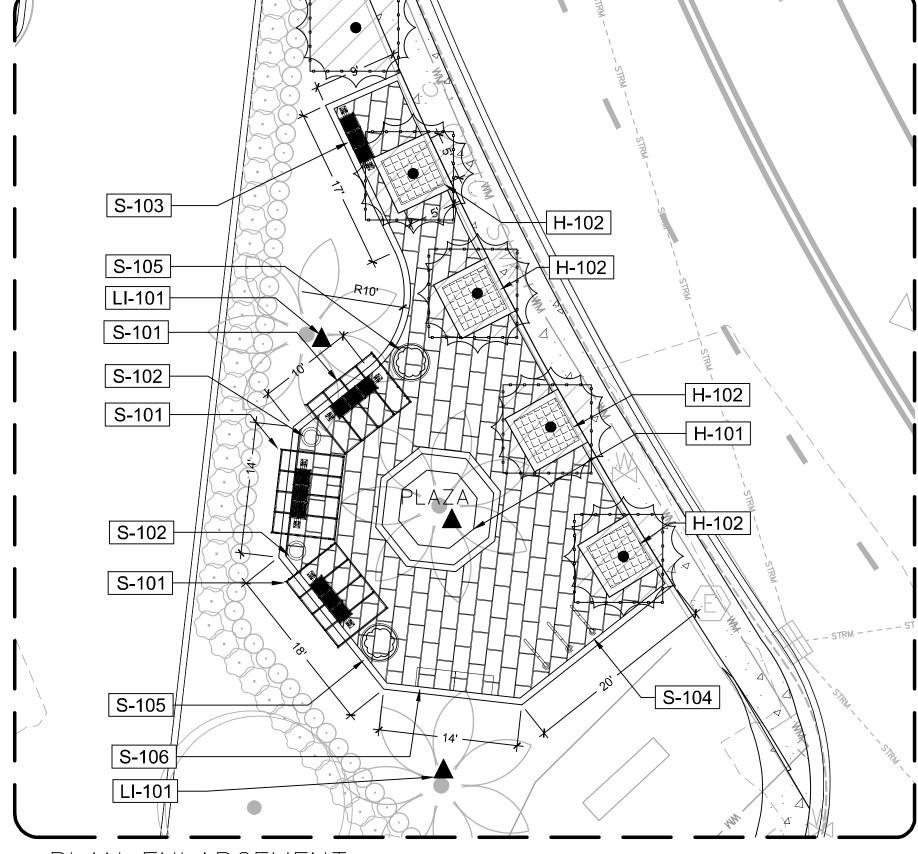
Know what's below.
Call before you

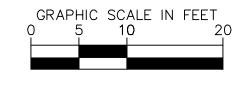
below.
Fore you dig.

SHEET NUMBER

L-300









6X9, 3 1/8" CROSSWALK VEHICULAR PAVERS FROM BELGARD PATTERN: HERRINGBONE

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

REFERENCE NOTES SCHEDULE

SYMBOL	HARDSCAPE DESCRIPTION	QTY	<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
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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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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)

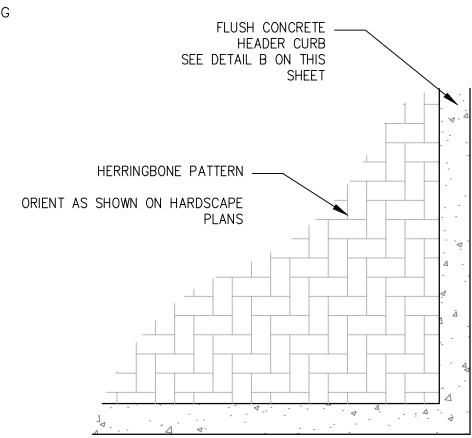
CONTRACTOR TO PROVIDE SHOP DRAWINGS, COLOR SAMPLES, AND 10'X10' MOCKUPS FOR OWNER'S REP APPROVAL PRIOR TO CONSTRUCTION AS WELL AS SIEVE ANALYSIS FOR JOINT AND BEDDING SAND.

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.

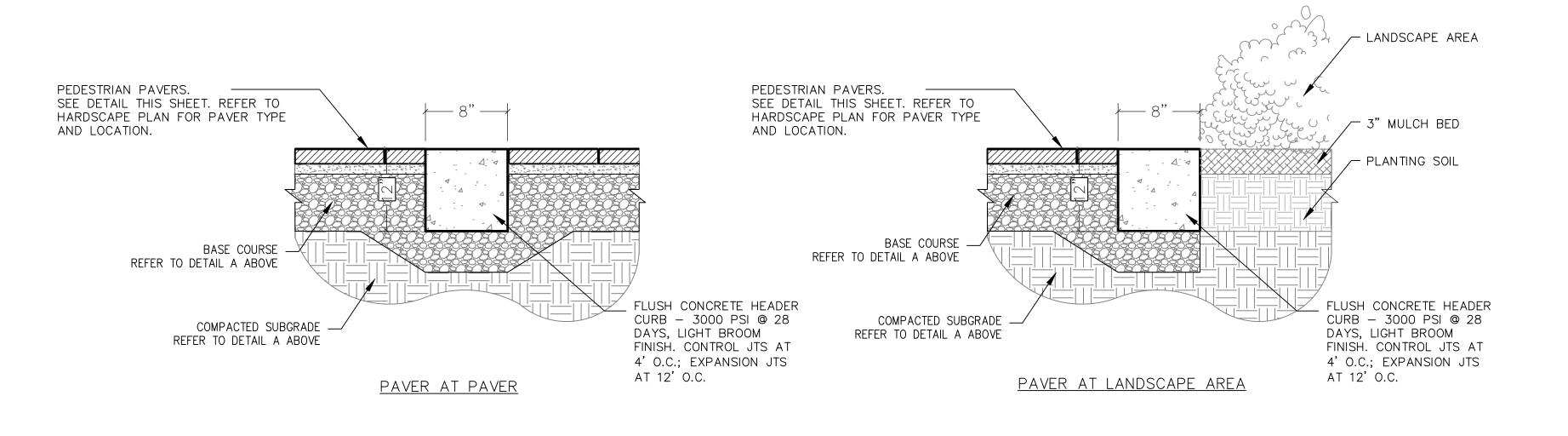
- 1. CONTRACTOR SHALL SUBMIT DETAILED, (SIGNED AND SEALED) ENGINEERED SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, AND LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION. PAVERS MUST MEET ALL FLORIDA BUILDING CODE SLIP COEFFICIENT REQUIREMENTS.
- 2. CONTRACTOR 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



HERRINGBONE PATTERN W/ 8" FLUSH CONCRETE BAND PLAN

NCRETE PAVERS — PEDESTRIAN

FLUSH CONCRETE HEADER CURB



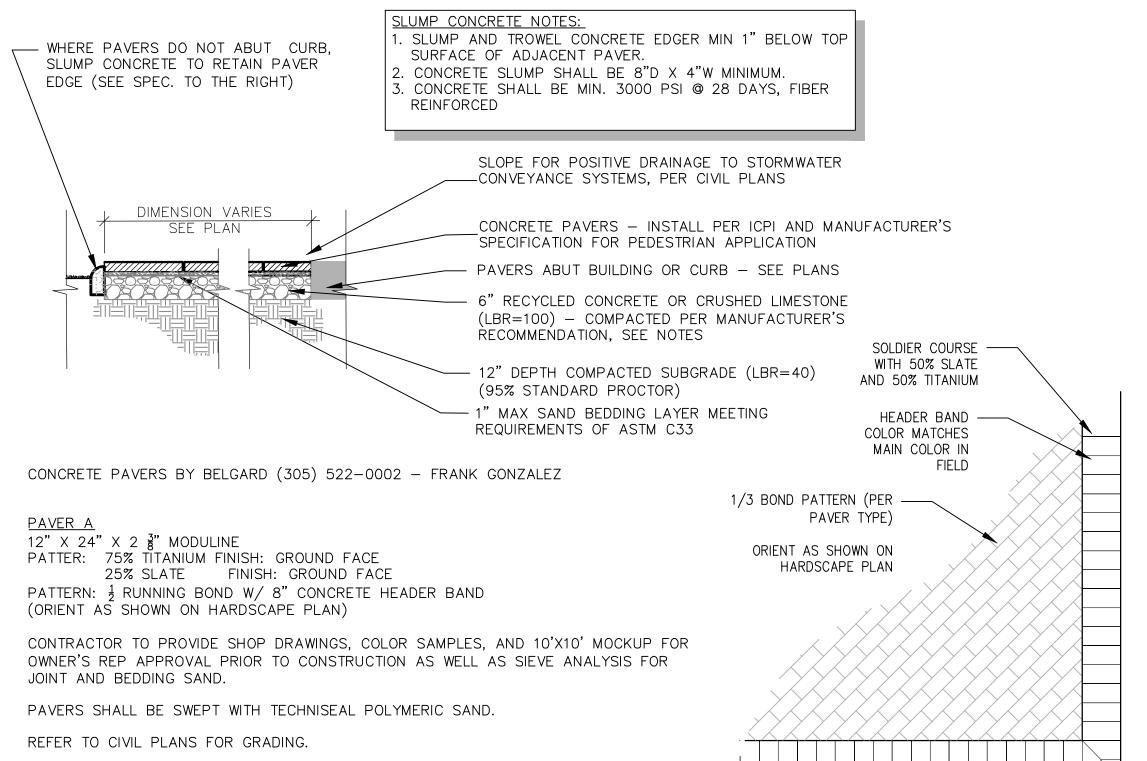
MORTAR SETTING BED PER ICPI AND ----─ LANDSCAPE AREA MANUFACTURER'S INSTALLATION SPECIFICATIONS PEDESTRIAN PAVERS. SEE DETAIL THIS SHEET. REFER TO -3" MULCH BED HARDSCAPE PLAN FOR PAVER TYPE AND LOCATION. PLANTING SOIL BASE COURSE REFER TO DETAIL A ABOVE CONCRETE HEADER CURB - 3000 PSI @ 28 DAYS, LIGHT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

PAVER AT LANDSCAPE AREA

TRUSH PAVER HEADER COURSE

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SHEET NUMBER L-350



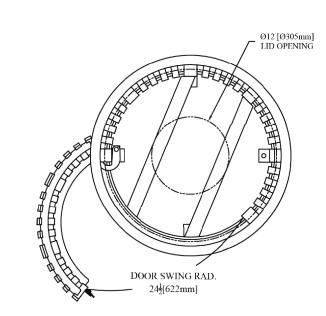
1/3 RUNNING BOND PATTERN W/ HEADER COURSE PLAN

SOUTH **OPPING**

OAKWOOD

25½ [648mm] — MANUFACTURER: KEYSTONE RIDGE www.keystoneridgedesigns.com (724) 284-1213 MODEL: PENN PN-10 (WITH CUSTOM LOGO MODIFICATION. COORDINATE WITH OWNER FOR ARTWORK) 2 SPOTS LENGTH: 27.5" WIDTH: 2" HEIGHT: 31" COLOR: CHARCOAL. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL. LENGTH 27 1/2" WIDTH HEIGHT NOTES: EMBEDDED MOUNT SET IN CONCRETE PAD, PER WEIGHT 45 lbs. MANUFACTURER —— 271 [699mm] ———

NOT TO SCALE



MANUFACTURER: KEYSTONE RIDGE www.keystoneridgedesigns.com (724) 284-1213

HARMONY - HIID-32

LENGTH: 31" SIZE: WIDTH: 31"

MODEL:

MANUFACTURER:

MODEL:

SIZES:

COLOR:

NOTES:

COLOR: BRONZE OR OWNER APPROVED

HEIGHT: 34"

NOTES: INSTALL PER MANUFACTURER'S SPECIFICATIONS

JAY SCOTTS

SEE BELOW

jayscotts.com

(954) 922 – 3939

DRAINAGE HOLES.

AND RECYCLE RECEPTACLE

EMBEDDED MOUNT PER MANUFACTURER.

NOT TO SCALE

AND ACCEPTANCE BY THE CLIENT, CIVIL ENGINEER, PRIOR TO PROCUREMENT, FABRICATION, AND INSTALLATION.

1. CONTRACTOR SHALL SUBMIT PRODUCT DATA FOR REVIEW AND LANDSCAPE ARCHITECT

NOT TO SCALE

NOT TO SCALE

MANUFACTURER: KEYSTONE RIDGE

www.keystoneridgedesigns.com (724) 284-1213

MODEL: HARMONY - HIID-32

LENGTH: 31" SIZE:

WIDTH: 31" HEIGHT: 34"

BRONZE OR OWNER APPROVED COLOR:

NOTES: INSTALL PER MANUFACTURER'S

SPECIFICATIONS

EMBEDDED MOUNT PER MANUFACTURER.

NOT TO SCALE

NOT TO SCALE

MANUFACTURER: Floor Stands floorstands.com (844) 409 - 1131

SEE BELOW MODEL:

SIZES: Eco-Design 6-sided Multi-View Kiosk COLOR: TO BE APPROVED BY OWNER

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



FREESTANDING PLANTER POT

SMALL POT: ALZIRA 23"x23"x22"

LARGE POT: ALZIRA 36"x36"x34"

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

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SHEET NUMBER L-351

MANU

SOUTH IOPPING TER

TUREI

AIL

OAKWOOD

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"

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

BELOW GRADE MOUNT PER NOTES: MANUFACTURER

Standard Dimensions 15" 15" 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.

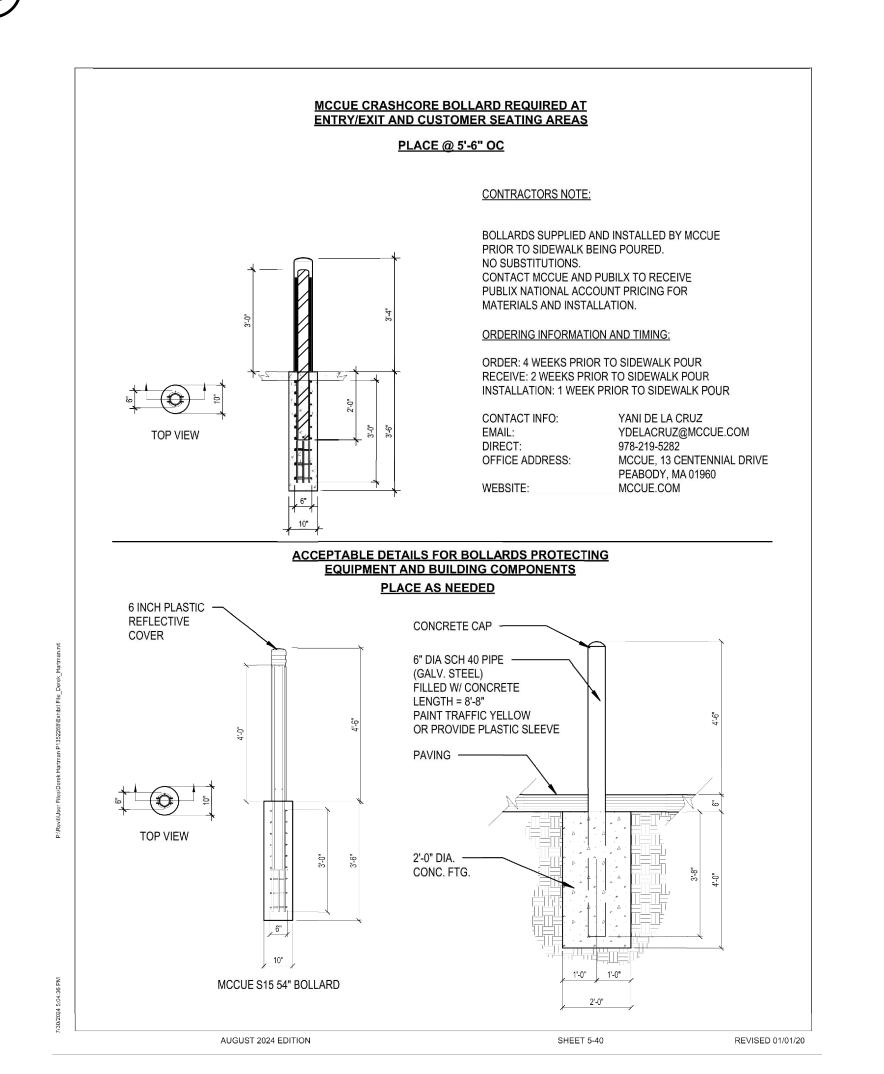
BELOW GRADE MOUNT PER

MANUFACTURER



Dimensions are in Inches[mm]
U.S. Patent Nos. D420,812; D421,132; D412,993; D413,314

NOT TO SCALE



ORDERING INFORMATION

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

Options (Add as Suffix) 2 [blank]=Carbon Bronze (Standard BK=Black

VG=Verde Green
WH=White
7030=70 CRI / 3000K CCT
7050=70 CRI / 5000K CCT

TCRS5W=Tracer Small 5W, 550 lumens, Wide Distribution TCRS8S=Tracer Small 8W, 850 lumens, Spot Distribution

TCRS8M=Tracer Small 8W, 850 lumens, Medium Distribution

TCRS8W=Tracer Small 8W, 850 lumens, Wide Distribution

Product Family 1

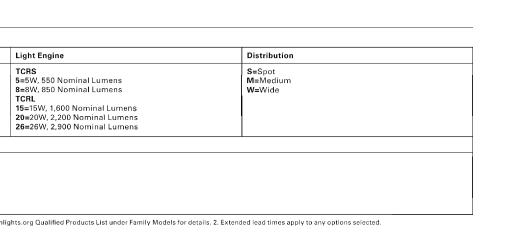
Sample Number: TCRS5S-WH-7050

NOT TO SCALE

page 2								TCRS / TCRL TR	ACER FLOO
POWER AND L	UMENS						LUMEN MAIN	ITENANCE	
Light Engine		TCRS5	TCRS8	TCRL15	TCRL20	TCRL26	Ambient	TM-21 Lumen	Theoretical
Power (Watts)		5.0	8.0	12.0	17.6	25.1	Temperature	Maintenance (60,000 Hours)	L70 (Hours)
Input Current @	120V (A)	0.04	0.07	0.10	0.15	0.22	Up to 40°C	90%	153,000
Input Current @	277V (A)	0.02	0.03	0.05	0.07	0.10			
Configuration					1	'	LUMEN MUL	TIPLIER	
Spot (20°)	4000K/5000K Lumens	530	812	1,500	2,039	2,718	Ambien Temperati	umar	n Multiplier
Spot (20)	3000K Lumens	512	785	1,450	1,971	2,628	10°C		1.02
	4000K/5000K Lumens	552	846	1,630	2,215	2,953			
Medium (30°)	3000K Lumens	533	818	1,575	2,141	2,854	15°C		1.01
	4000K/5000K Lumens	561	860	1,657	2,251	3,002	25°C		1.00
Wide (50°)	3000K Lumens	542	831	1,602	2,176	2,902	40°C		0.97

	TM	1 Lumen	Theoretical	
Ambient Main		Maintenance L70 (60,000 Hours)		MODEL
Up to 40°C	,	90%	153,000	COLOR
JMEN MUL		R		
Temperati	-	Lumen	Multiplier	NOTES
10°C		1.02		
10°C			1.02	
10°C			1.02	

-00	MANUFACTURER:	Cooper Lighting Solutions www.designlights.com (770) 486—4800
rtical) rs)	MODEL:	Lumark Flood Light TCRL20M
000	COLOR:	CARBON BRONZE. SUBMIT CUT SHEET AND COLOR CHART FOR APPROVAL.
er	NOTES:	BELOW GRADE MOUNT PER MANUFACTURER



TCRL26S=Tracer Large 26W, 2,900 lumens, Spot Distribution

TCRL26M=Tracer Large 26W, 2,900 lumens, Medium Distribution

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 TCRSSS=Tracer Small 5W, 550 lumens, Spot Distribution	Large TCRL15S=Tracer Large 15W, 1,600 lumens, Spot Distribution							
TCRS5M=Tracer Small 5W, 550 lumens, Spot Distribution	TCRL155=Tracer Large 15W, 1,600 lumens, Spot 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							

NOTES: Options not available with stock products. Refer to standard ordering information to add options. Stock fixture is 4000K, dimming, 120-277V, carbon bronze only.



TRACER



BEFORE YOU DIG IT'S THE LAW! Call before you dig. SUNSHINE STATE ONE CALL OF FLORIDA, INC.

NOT TO SCALE

SHEET NUMBER L-352

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Kyler P Durham Continue of Con

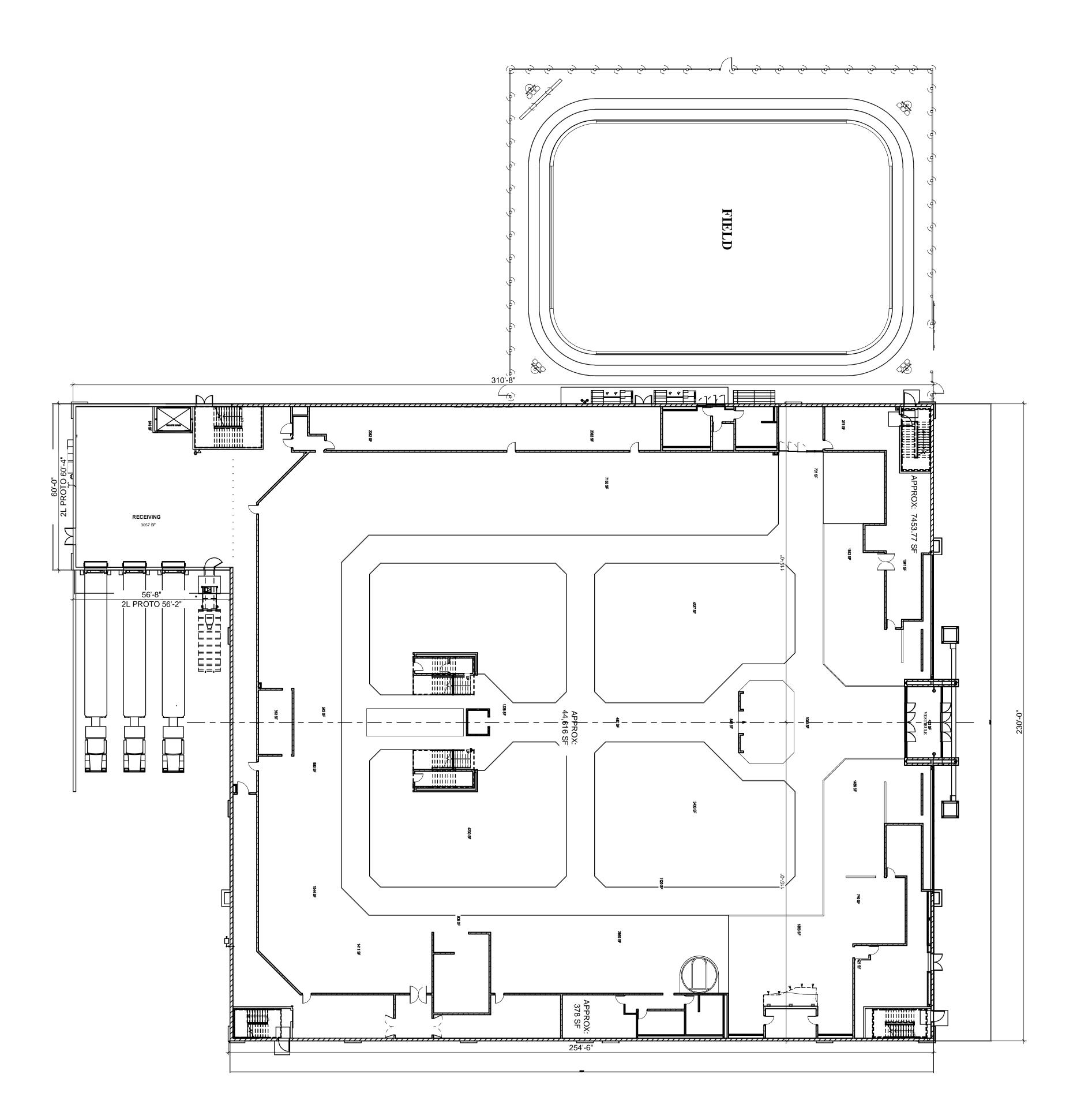
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NOT TO SCALE



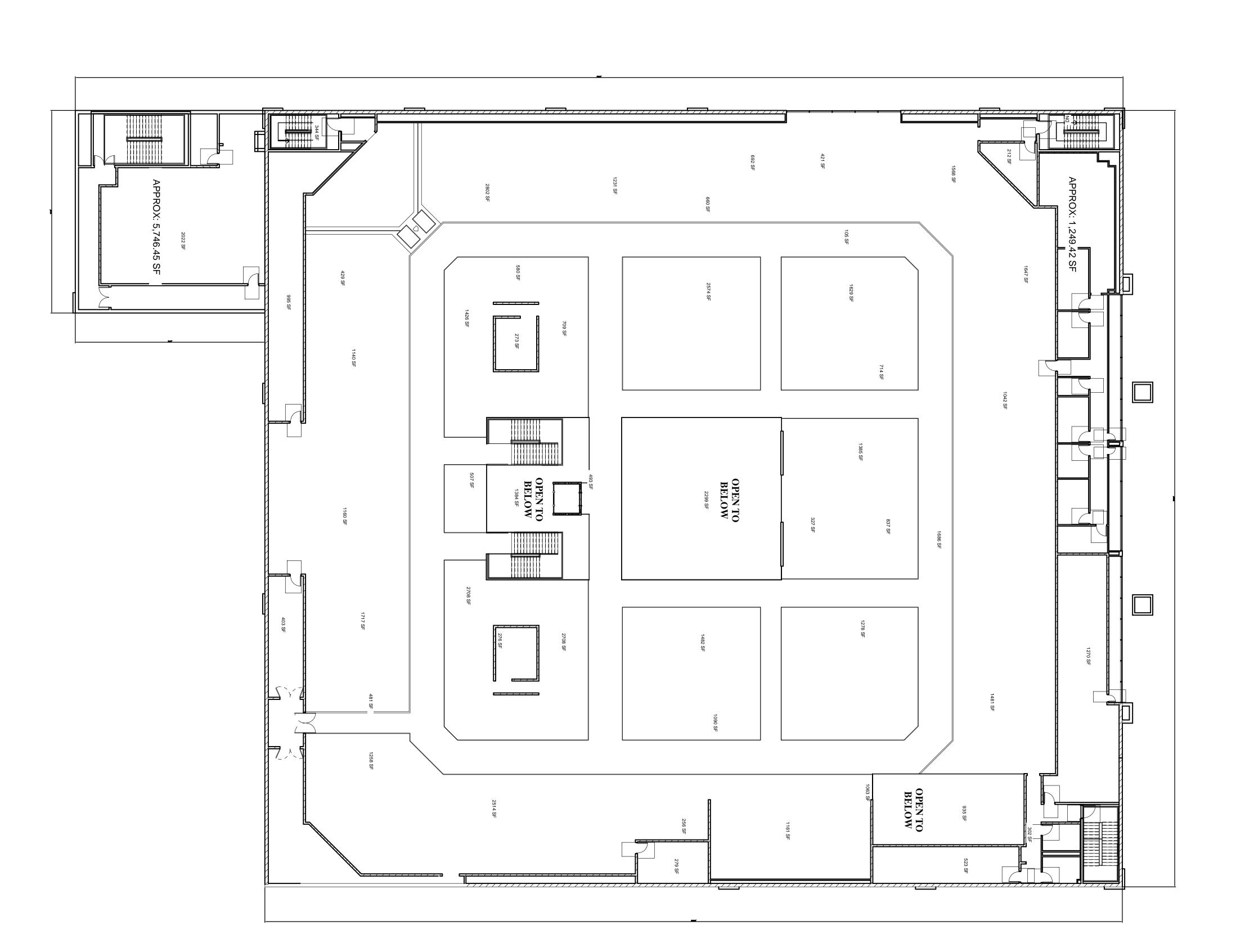
FLOOR FIRST

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"

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

■ KIMCOREALTY OAKWOOD PLAZA SOUTH 2910 OAKWOOD BLVD HOLLYWOOD, FL 33020

On-Site Lighting & Survey, LLC

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

	#	DATE	INIT	DESCRIPTION
S	1	07.09.2024	DMW	LANDSCAPING CONFLICTS
REVISIONS				
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PROPOSED SCHEDULES

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	07.02.2024		
DESIGN LEVEL	3		
AGI	D.M.WARZEO	CKA	4
CAD	D.M.WARZEO	CKA	
SHEET#:	SL201	REV #:	1

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 RATIONS IN ACCORDANCE WITH HLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURERS LUMINIAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

On-Site Lighting & Survey, LLC PH: 763.684.1548

LUMINAIRE SCHEDULE							
Symbol	Qty	Label	Arrangement	LLF	Description	BUG Rating	
	8	L-2	Back-Back	0.900	NEW POLE AND AREA FIXT 339W LED T5LS 40'-0 MTG HT (4000K/47005 LUMENS) VISIONAIRE VMX-II_T5LS_45L_4K	B5-U0-G4	
-	8	M-1	Single	0.900	NEW POLE AND AREA FIXTURE 65W LED T5LS 15'-0 MTG HT (4000K/9719 LUMENS) VISIONAIRE ODN-1_T5LS_10L_4K	B4-U0-G2	
-	2	N-1	Single	0.900	NEW POLE AND AREA FIXT 277W LED T5LS 40'-0 MTG HT (4000K/40771 LUMENS) VISIONAIRE VMX-II_T5LS_40L_4K	B5-U0-G4	
	2	0-1	Single	0.900	NEW POLE AND AREA FIXT 277W LED T5LS HS 40'-0 MTG HT (4000K/11292 LIMENS) VISIONAIRE VMX-II T5LS 40L 4K HS	B1-U0-G2	