

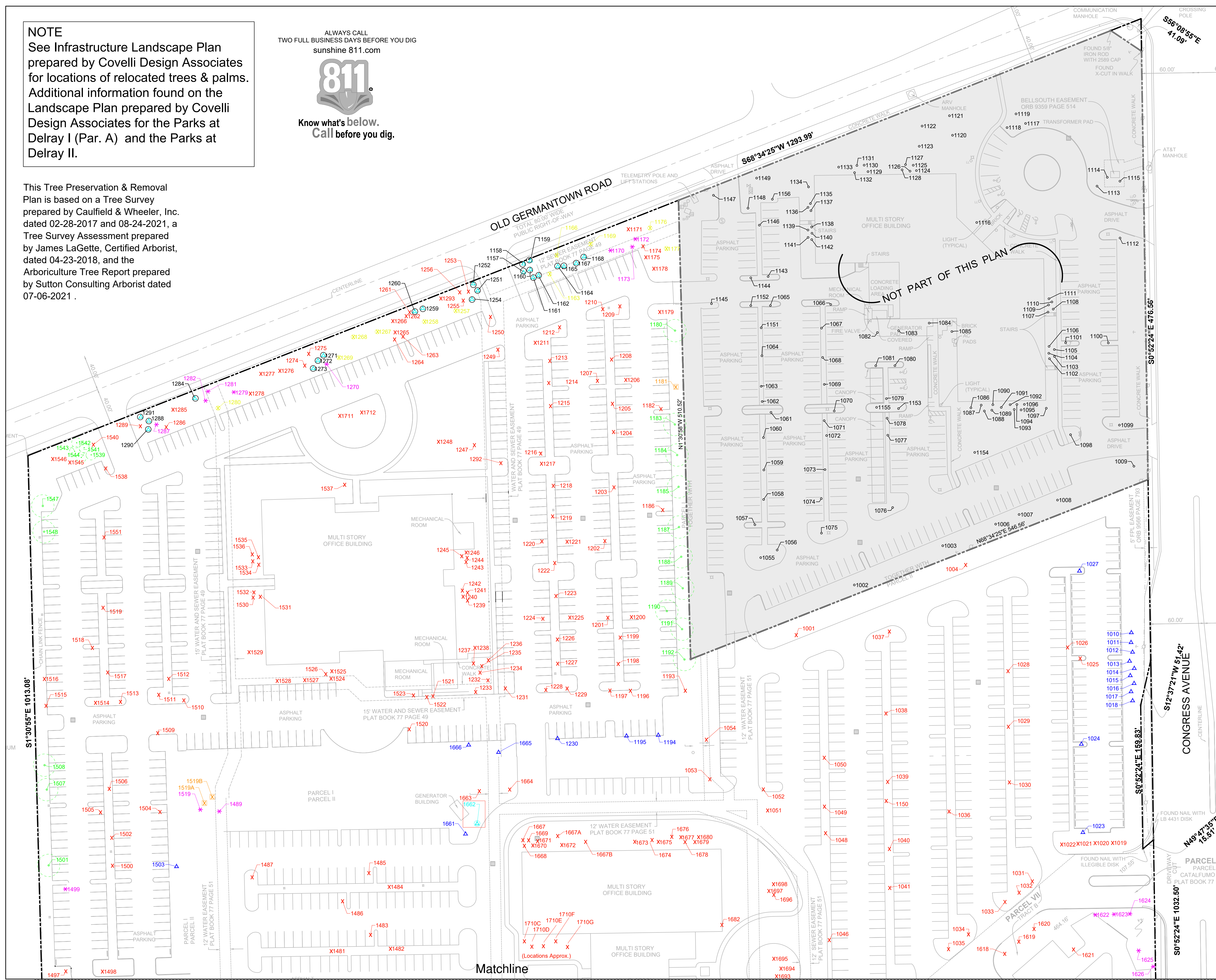
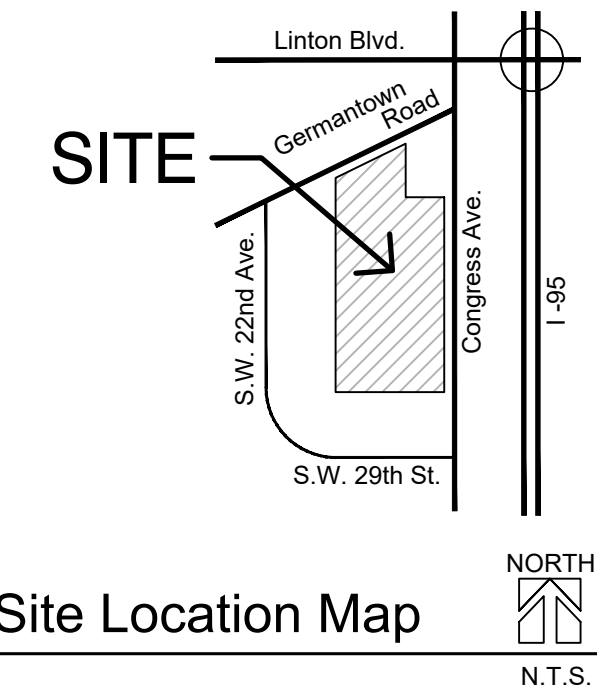
**NOTE**  
See Infrastructure Landscape Plan prepared by Covelli Design Associates for locations of relocated trees & palms. Additional information found on the Landscape Plan prepared by Covelli Design Associates for the Parks at Delray I (Par. A) and the Parks at Delray II.

This Tree Preservation & Removal Plan is based on a Tree Survey prepared by Caulfield & Wheeler, Inc. dated 02-28-2017 and 08-24-2021, a Tree Survey Assessment prepared by James LaGette, Certified Arborist, dated 04-23-2018, and the Arboriculture Tree Report prepared by Sutton Consulting Arborist dated 07-06-2021 .

ALWAYS CALL  
TWO FULL BUSINESS DAYS BEFORE YOU DIG  
sunshine 811.com

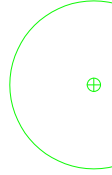









Know what's below.  
Call before you dig.

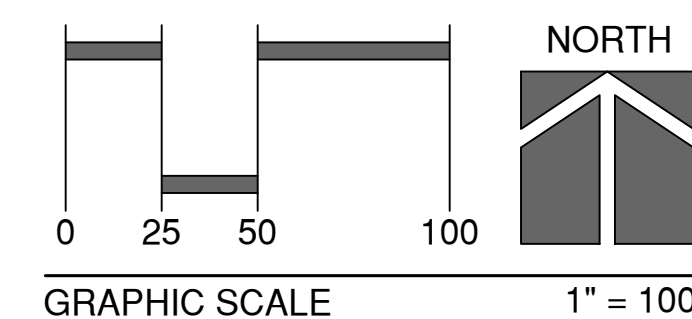


Matchline  
**SEE SHEET TP-2**

### Plan Key

Plan #	Plan Symbol	Description See TP-3 & 4 for Tree Lists
0000		Trees & Palms to REMAIN (Per original Plan dated 09-06-18) Tree List "A"
0000		Trees & Palms to REMAIN (New to this Plan) Tree List "B"
0000		Trees & Palms to RELOCATE (Per original Plan dated 09-06-18) Tree List "C"
0000		Trees & Palms to RELOCATE (New to this Plan) Tree List "D"
0000		Trees & Palms REMOVED IN ERROR Tree List "E"
0000		Trees & Palms to REMOVE (New to this Plan) Tree List "F"
0000		Trees & Palms to REMOVE (Per original Plan and on site as of 08-24-21) Tree List "G"
0000		Trees & Palms to REMOVE (Per original Plan dated 09-06-18) Tree List "H"
0000	Varies- See Plan	Updated Tree Disposition per Field Review 01-19-21

See TP-3 for Totals  
See TP-3 & 4 for Tree Lists  
See TP-5 for Notes & Details



**Covelli  
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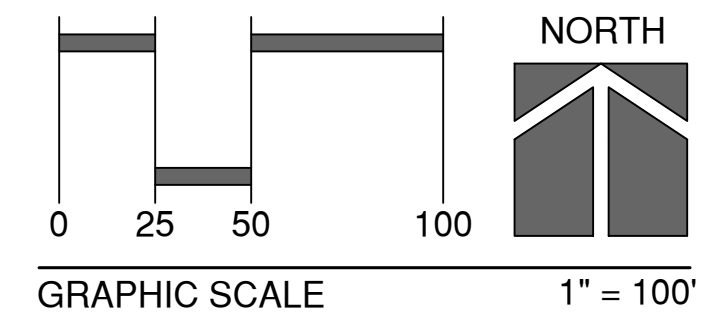
Tree Preservation & Removal Plan  
1690-2350 South Congress Avenue  
Delray Beach Florida

Date	10-21-2021
Scale	As Noted
PN#	1231

Drawing No.  
**TP-1**  
OF 5



Matchline (Locations Approx.)

[illegible]

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Tree Preservation & Removal Plan  
1690-2350 South Congress Avenue  
Delray Beach Florida

Date	10-21-2021
Scale	As Noted
PN#	1231

Drawing No.  
**TP-2**  
OF 5



MASTER TREE LIST								MASTER TREE LIST (CONT.)								MASTER TREE LIST (CONT.)								MASTER TREE LIST (CONT.)								Disposition Code "A" - TREES TOP REMAIN - Per Original Plan								
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition %	Disposition Code	Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition %	Disposition Code	Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition %	Disposition Code	Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition %	Disposition Code	Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition %	Disposition Code	
1001	Ficus microcarpa	Indian Fig	40	40	45	30%	H	1278	Ficus microcarpa	Indian Fig	17	25	25	20%	H	1454	Buccia buceras	Black Olive	22	30	30	44%	H	1630	Sabal palmetto	Cabbage Palm	-	12	-	40%	C	1180	Quercus virginiana	Live Oak	32	35	45	65%	A	
1004	Ficus microcarpa	Indian Fig	40	42	30	40%	H	1279	Ficus microcarpa	Indian Fig	16	25	25	15%	G	1455	Quercus virginiana	Live Oak	11	20	20	44%	H	1631	Sabal palmetto	Cabbage Palm	-	12	-	40%	A	1181	Buccia buceras	Black Olive	18	40	45	45%	A	
1010	Sabal palmetto	Cabbage Palm	-	24	-	30%	H	1280	Ficus microcarpa	Indian Fig	27	30	40	40%	F	1456	Buccia buceras	Black Olive	11	20	30	35	45%	H	1632	Sabal palmetto	Cabbage Palm	-	15	-	45%	A	1182	Quercus virginiana	Live Oak	24	40	50	60%	A
1011	Sabal palmetto	Cabbage Palm	-	17	-	45%	C	1281	Sabal palmetto	Cabbage Palm	-	25	-	40%	G	1457	Sweetenia macrophylla	Mahogany	-	20	30	35	50%	H	1633	Sabal palmetto	Cabbage Palm	-	14	-	45%	A	1184	Quercus virginiana	Live Oak	24	40	50	65%	A
1012	Sabal palmetto	Cabbage Palm	-	17	-	45%	C	1282	Sabal palmetto	Cabbage Palm	-	20	-	40%	G	1458	Buccia buceras	Black Olive	18	25	30	40%	H	1634	Sabal palmetto	Cabbage Palm	-	13	-	35%	A	1185	Quercus virginiana	Live Oak	24	35	40	70%	A	
1013	Sabal palmetto	Cabbage Palm	-	17	-	45%	C	1283	Sabal palmetto	Cabbage Palm	-	19	-	35%	D	1459	Buccia buceras	Black Olive	18	20	40	35%	H	1635	Quercus laurifolia	Laurel Oak	-	14	-	40%	H	1187	Quercus virginiana	Live Oak	24	40	50	60%	A	
1014	Sabal palmetto	Cabbage Palm	-	15	-	45%	H	1284	Sabal palmetto	Cabbage Palm	-	15	-	40%	D	1460	Buccia buceras	Black Olive	14	35	40	55%	H	1643	Sabal palmetto	Cabbage Palm	-	12	-	40%	A	1188	Quercus virginiana	Live Oak	20	30	40	65%	A	
1015	Sabal palmetto	Cabbage Palm	-	12	-	45%	H	1285	Ficus microcarpa	Indian Fig	24	30	30	15%	H	1462	Quercus virginiana	Live Oak	16	25	35	45%	C	1644	Sabal palmetto	Cabbage Palm	-	10	-	40%	A	1189	Quercus virginiana	Live Oak	22	35	45	60%	A	
1016	Sabal palmetto	Cabbage Palm	-	10	-	45%	H	1286	Ficus microcarpa	Indian Fig	30	30	40	50%	H	1463	Quercus virginiana	Live Oak	16	20	40	50%	H	1644	Sabal palmetto	Cabbage Palm	-	10	-	40%	A	1190	Buccia buceras	Black Olive	16	30	40	50%	A	
1017	Sabal palmetto	Cabbage Palm	-	10	-	45%	H	1287	Sabal palmetto	Cabbage Palm	-	16	-	10%	G	1464	Quercus virginiana	Live Oak	15	20	30	45%	H	1645	Sabal palmetto	Cabbage Palm	-	13	-	30%	A	1191	Quercus virginiana	Live Oak	32	40	55	70%	A	
1018	Sabal palmetto	Cabbage Palm	-	12	-	45%	H	1288	Sabal palmetto	Cabbage Palm	-	20	-	40%	D	1465	Quercus virginiana	Live Oak	15	20	30	45%	H	1646	Sabal palmetto	Cabbage Palm	-	10	-	40%	C	1192	Quercus virginiana	Live Oak	23	35	45	50%	A	
1019	Roystonea regia	Royal Palm	-	35	-	30%	H	1289	Sabal palmetto	Cabbage Palm	-	16	-	30%	H	1466	Buccia buceras	Black Olive	12	20	30	40%	H	1647	Sabal palmetto	Cabbage Palm	-	15	-	40%	C	1193	Quercus virginiana	Live Oak	24	35	45	60%	A	
1020	Roystonea regia	Royal Palm	-	22	-	35%	H	1290	Sabal palmetto	Cabbage Palm	-	15	-	40%	D	1467	Quercus virginiana	Live Oak	11	15	25	45%	H	1648	Sabal palmetto	Cabbage Palm	-	15	-	35%	C	1194	Quercus virginiana	Live Oak	11	20	15	40%	A	
1021	Roystonea regia	Royal Palm	-	24	-	40%	H	1291	Sabal palmetto	Cabbage Palm	-	16	-	35%	D	1468	Buccia buceras	Black Olive	12	25	35	40%	H	1649	Quercus laurifolia	Laurel Oak	-	19	-	35	C	1195	Quercus virginiana	Live Oak	18	25	20	50%	A	
1022	Roystonea regia	Royal Palm	-	28	-	35%	H	1292	Buccia buceras	Black Olive	16	40	40	45%	H	1469	Buccia buceras	Black Olive	14	30	30	45%	H	1650	Buccia buceras	Black Olive	14	20	25	45%	H	1196	Quercus virginiana	Live Oak	21	30	20	50%	A	
1023	Quercus virginiana	Live Oak	15	24	30	45%	C	1293	Ficus microcarpa	Indian Fig	25	30	40	45%	H	1470	Buccia buceras	Black Olive	14	30	30	40%	H	1651	Ficus microcarpa	Indian Fig	70	45	60	40%	H	1197	Quercus virginiana	Live Oak	25	25	20	55%	A	
1024	Quercus virginiana	Live Oak	16	24	25	50%	C	1294	Quercus virginiana	Live Oak	20	20	25	45%	E	1471	Buccia buceras	Black Olive	18	25	35	48%	H	1652	Quercus laurifolia	Laurel Oak	22	35	40	45%	H	1198	Quercus virginiana	Live Oak	11	20	15	40%	A	
1025	Quercus virginiana	Live Oak	11	20	15	40%	H	1295	Quercus virginiana	Live Oak	17	25	25	50%	E	1472	Buccia buceras	Black Olive	8	20	25	50%	H	1653	Quercus laurifolia	Laurel Oak	28	35	35	40%	H	1199	Quercus virginiana	Live Oak	16	25	15	45%	A	
1026	Buccia buceras	Black Olive	18	35	40	40%	H	1296	Quercus virginiana	Live Oak	17	26	30	50%	H	1473	Buccia buceras	Black Olive	12	20	25	40%	H	1654	Sabal palmetto	Cabbage Palm	-	33	-	35	H	1200	Quercus virginiana	Live Oak	10	15	12	40%	A	
1027	Quercus virginiana	Live Oak	10	24	25	50%	C	1297	Quercus virginiana	Live Oak	11	20	15	35%	E	1474	Buccia buceras	Black Olive	14	20	30	50%	H	1655	Sabal palmetto	Cabbage Palm	-	46	-	0	10%	H	1201	Quercus virginiana	Live Oak	17	20	25	40%	A
1028	Buccia buceras	Black Olive	15	20	30	45%	H	1298	Quercus virginiana	Live Oak	16	25	30	40%	H	1475	Quercus virginiana	Live Oak	16	20	25	55%	F	1656	Sabal palmetto	Cabbage Palm	-	12	-	40%	H	1202	Quercus virginiana	Live Oak	17	20	30	35	50%	A
1029	Quercus virginiana	Live Oak	8	15	15	40%	H	1299	Quercus virginiana	Live Oak	14	20	25	50%	H	1476	Quercus virginiana	Live Oak	15	20	25	55%	F	1657	Ficus microcarpa	Indian Fig	14	20	25	50%	H	1203	Quercus virginiana	Live Oak	16	30	40	50%	A	
1030	Buccia buceras	Black Olive	40	3																																				



Disposition Code "C" - TREES TO BE RELOCATED - Per Original Plan									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1010	Sabal palmetto	Cabbage Palm	-	24	-	45%	C		
1011	Sabal palmetto	Cabbage Palm	-	17	-	45%	C		
1012	Sabal palmetto	Cabbage Palm	-	15	-	45%	C		
1023	Quercus virginiana	Live Oak	15	48	30	45%	C		
1024	Quercus virginiana	Live Oak	16	24	25	50%	C		
1027	Quercus virginiana	Live Oak	10	24	25	50%	C		
1194	Quercus virginiana	Live Oak	34	40	60	65%	C		
1195	Quercus virginiana	Live Oak	24	35	40	50%	C		
1230	Quercus virginiana	Live Oak	30	40	55	65%	C		
1303	Quercus virginiana	Live Oak	14	15	20	45%	C		
1304	Quercus virginiana	Live Oak	16	20	20	55%	C		
1305	Quercus virginiana	Live Oak	12	25	20	50%	C		
1307	Quercus virginiana	Live Oak	13	20	15	40%	C		
1308	Quercus virginiana	Live Oak	20	25	30	45%	C		
1309	Quercus virginiana	Live Oak	14	20	25	50%	C		
1310	Quercus virginiana	Live Oak	14	20	25	45%	C		
1311	Quercus virginiana	Live Oak	13	20	20	45%	C		
1313	Quercus virginiana	Live Oak	16	25	25	50%	C		
1314	Quercus virginiana	Live Oak	20	35	35	60%	C		
1315	Quercus virginiana	Live Oak	14	20	20	40%	C		
1316	Quercus virginiana	Live Oak	16	30	35	60%	C		
1317	Quercus virginiana	Live Oak	9	15	15	45%	C		
1319	Quercus virginiana	Live Oak	20	35	35	40%	C		
1324	Quercus virginiana	Live Oak	14	25	25	50%	C		
1327	Quercus virginiana	Live Oak	30	45	60%	C			
1328	Quercus virginiana	Live Oak	18	25	35	45%	C		
1331	Quercus virginiana	Live Oak	11	20	25	55%	C		
1332	Quercus virginiana	Live Oak	11	20	20	50%	C		
1333	Quercus virginiana	Live Oak	14	25	25	50%	C		
1338	Quercus virginiana	Live Oak	12	20	25	45%	C		
1339	Quercus virginiana	Live Oak	13	25	30	40%	C		
1342	Quercus virginiana	Live Oak	12	25	30	40%	C		
1343	Quercus virginiana	Live Oak	12	15	15	45%	C		
1344	Quercus virginiana	Live Oak	9	20	20	50%	C		
1346	Quercus virginiana	Live Oak	16	20	30	50%	C		
1365	Quercus virginiana	Live Oak	14	25	25	45%	C		
1362	Quercus virginiana	Live Oak	20	30	35	70%	C		
1393	Quercus virginiana	Live Oak	16	25	25	55%	C		
1397	Quercus virginiana	Live Oak	20	30	35	60%	C		
1402	Quercus virginiana	Live Oak	14	20	25	50%	C		
1403	Quercus virginiana	Live Oak	15	25	25	55%	C		
1408	Quercus virginiana	Live Oak	18	25	30	50%	C		
1408	Quercus virginiana	Live Oak	30	40	50	68%	C		
1437	Quercus virginiana	Live Oak	20	25	35	65%	C		
1442	Quercus virginiana	Live Oak	16	25	30	55%	C		
1443	Quercus virginiana	Live Oak	20	30	30	55%	C		
1444	Quercus virginiana	Live Oak	16	20	20	50%	C		
1446	Quercus virginiana	Live Oak	15	30	35	50%	C		
1447	Quercus virginiana	Live Oak	15	30	35	60%	C		
1462	Quercus virginiana	Live Oak	16	25	35	45%	C		
1463	Quercus virginiana	Live Oak	12	20	15	48%	C		
1475	Quercus virginiana	Live Oak	16	20	25	40%	C		
1490	Sabal palmetto	Cabbage Palm	-	18	-	40%	C		
1491	Sabal palmetto	Cabbage Palm	-	18	-	40%	C		
1494	Sabal palmetto	Cabbage Palm	-	17	-	40%	C		
1495	Sabal palmetto	Cabbage Palm	-	15	-	40%	C		
1496	Sabal palmetto	Cabbage Palm	-	18	-	40%	C		
1503	Quercus virginiana	Live Oak	30	50	60%	C			
1631	Sabal palmetto	Cabbage Palm	-	14	-	70%	C		
1632	Sabal palmetto	Cabbage Palm	-	12	-	35%	C		
1633	Sabal palmetto	Cabbage Palm	-	12	-	40%	C		
1634	Sabal palmetto	Cabbage Palm	-	13	-	40%	C		
1635	Sabal palmetto	Cabbage Palm	-	12	-	40%	C		
1646	Sabal palmetto	Cabbage Palm	-	10	-	40%	C		
1647	Sabal palmetto	Cabbage Palm	-	17	-	40%	C		
1648	Sabal palmetto	Cabbage Palm	-	15	-	35%	C		
1661	Sabal palmetto	Cabbage Palm	-	15	-	45%	C		
1665	Quercus virginiana	Live Oak	18	30	35	55%	C		
1666	Quercus virginiana	Live Oak	28	30	30	55%	C		

Disposition Code "D" - TREES TO BE RELOCATED - New To This Plan									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1157	Sabal palmetto	Cabbage Palm	-	15	-	40%	D		
1158	Sabal palmetto	Cabbage Palm	-	12	-	40%	D		
1159	Sabal palmetto	Cabbage Palm	-	15	-	40%	D		
1160	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1161	Sabal palmetto	Cabbage Palm	-	11	-	40%	D		
1162	Sabal palmetto	Cabbage Palm	-	17	-	40%	D		
1164	Sabal palmetto	Cabbage Palm	-	22	-	40%	D		
1165	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1167	Sabal palmetto	Cabbage Palm	-	12	-	40%	D		
1168	Sabal palmetto	Cabbage Palm	-	15	-	40%	D		
1251	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1252	Sabal palmetto	Cabbage Palm	-	12	-	30%	D		
1254	Sabal palmetto	Cabbage Palm	-	14	-	30%	D		
1259	Sabal palmetto	Cabbage Palm	-	18	-	35%	D		
1260	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1271	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1272	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1273	Sabal palmetto	Cabbage Palm	-	18	-	40%	D		
1283	Sabal palmetto	Cabbage Palm	-	18	-	35%	D		
1284	Sabal palmetto	Cabbage Palm	-	15	-	40%	D		
1288	Sabal palmetto	Cabbage Palm	-	20	-	40%	D		
1290	Sabal palmetto	Cabbage Palm	-	15	-	40%	D		
1291	Sabal palmetto	Cabbage Palm	-	16	-	35%	D		
1662	Sabal palmetto	Cabbage Palm	-	15	-	45%	D		

Disposition Code "E" - TREES REMOVED IN ERROR - To Remain Per Original Plan									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1181	Quercus virginiana	Live Oak	22	35	40	55%	E		
1294	Quercus virginiana	Live Oak	15	20	25	45%	E		
1295	Quercus virginiana	Live Oak	25	17	25	50%	E		
1296	Quercus virginiana	Live Oak	17	20	25	55%	E		
1299	Quercus virginiana	Live Oak	14	20	25	50%	E		
1300	Quercus virginiana	Live Oak	14	25	25	50%	E		
1333	Quercus virginiana	Live Oak	9	18	18	45%	E		
1362	Quercus virginiana	Live Oak	12	20	20	55%	E		
1363	Quercus virginiana	Live Oak	16	25	25	55%	E		
1366	Quercus virginiana	Live Oak	14	25	20	50%	E		
1557	Quercus virginiana	Live Oak	12	30	20	40%	E		
1519A	Sabal palmetto	Cabbage Palm	-	12	-	45%	E		
1519B	Sabal palmetto	Cabbage Palm	-	6	-	45%	E		

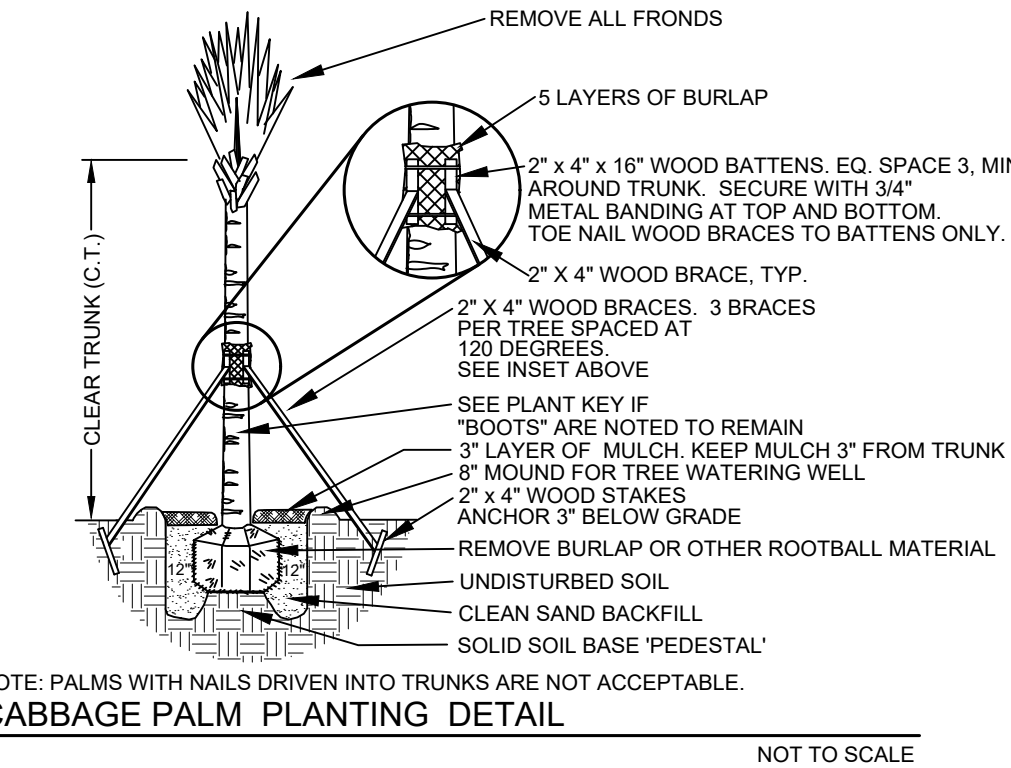
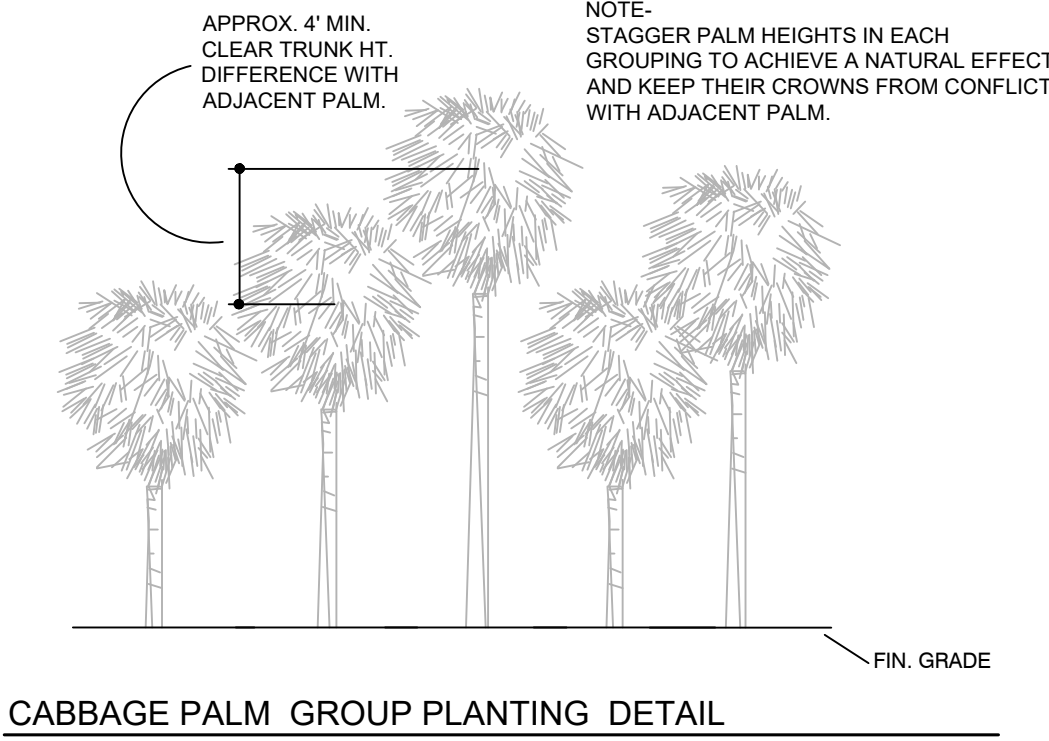
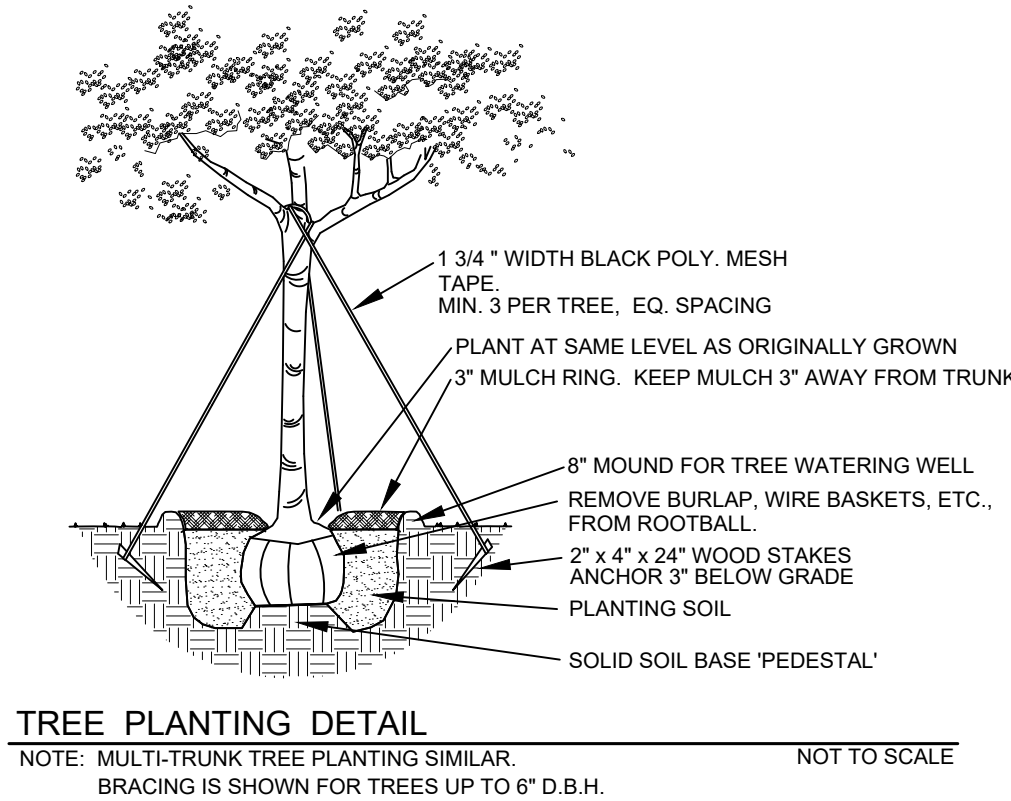
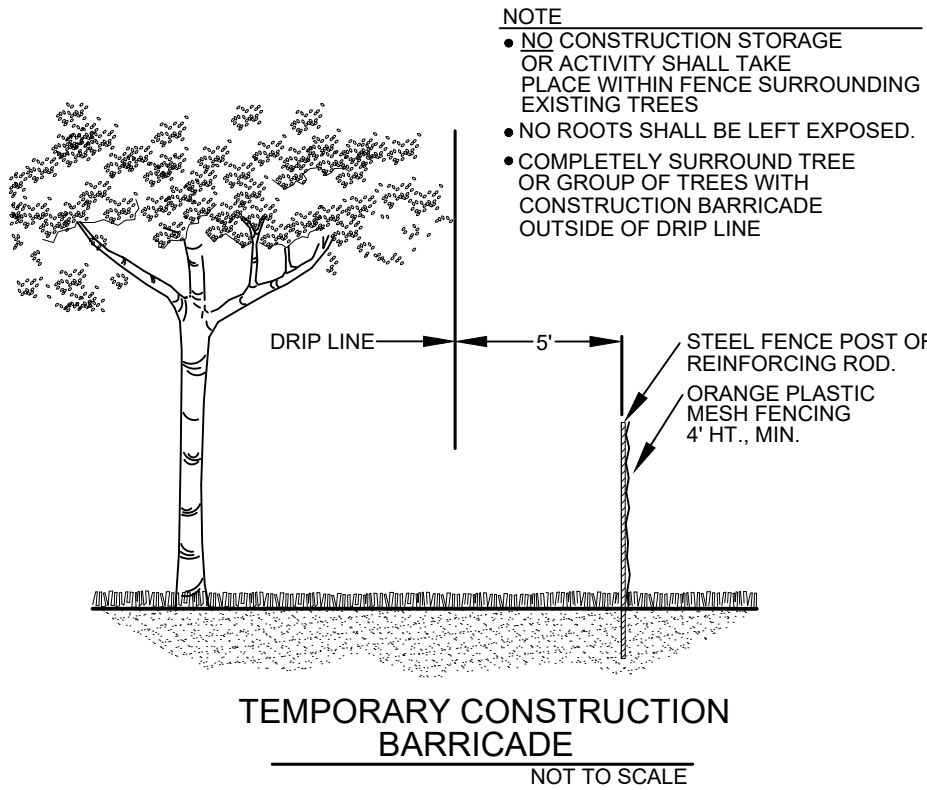
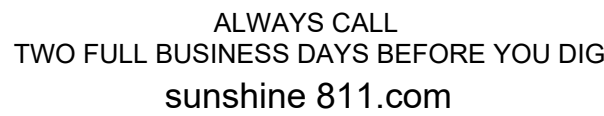
Disposition Code "F" - TREES TO BE REMOVED - New To This Plan									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1163	Ficus microcarpa	Indian Fig	30	25	30	40%	F		
1169	Ficus microcarpa	Indian Fig	33	25	35	40%	F		
1169	Ficus microcarpa	Indian Fig	18	25	20	25%	F		
1176	Ficus microcarpa	Indian Fig	24	25	25	40%	F		
1177	Ficus microcarpa	Indian Fig	20	25	25	35%	F		
1257	Ficus microcarpa	Indian Fig	20	30	40	50%	F		
1268	Ficus microcarpa	Indian Fig	13	30	40	20%	F		
1269	Ficus microcarpa	Indian Fig	17	30	20%	F			
1268	Ficus microcarpa	Indian Fig	17	30	30	50%	F		
1269	Ficus microcarpa	Indian Fig	21	35	35	40%	F		
1280	Ficus microcarpa	Indian Fig	27	30	40	40%	F		
1404	Quercus virginiana	Live Oak	10	20	25	58%	F		
1407	Quercus virginiana	Live Oak	17	25	30	50%	F		
1454	Quercus virginiana	Live Oak	16	25	18	50%	F		
1476	Quercus virginiana	Live Oak	16	20	25	55%	F		
1477	Quercus virginiana	Live Oak	15	20	25	55%	F		
1493	Sabal palmetto	Cabbage Palm	-	18	-	40%	F		
1660	Sabal palmetto	Cabbage Palm	-	13	-	45%	F		

Disposition Code "G" - TREES TO BE REMOVED - Per Original Plan & On Site as of 08-24-2021									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1163	Ficus microcarpa	Indian Fig	30	25	30	40%	F		
1169	Ficus microcarpa	Indian Fig	33	25	35	40%	F		
1169	Ficus microcarpa	Indian Fig	18	25	20	25%	F		
1176	Ficus microcarpa	Indian Fig	24	25	25	30%	F		
1177	Ficus microcarpa	Indian Fig	20	25	25	35%	F		
1257	Ficus microcarpa	Indian Fig	20	30	40	50%	F		
1268	Ficus microcarpa	Indian Fig	13	30	40	20%	F		
1269	Ficus microcarpa	Indian Fig	17	30	20%	F			
1268	Ficus microcarpa	Indian Fig	17	30	30	50%	F		
1269	Ficus microcarpa	Indian Fig	21	35	35	40%	F		
1280	Ficus microcarpa	Indian Fig	27	30	40	40%	F		
1404	Quercus virginiana	Live Oak	10	20	25	58%	F		
1407	Quercus virginiana	Live Oak	17	25	30	50%	F		
1454	Quercus virginiana	Live Oak	16	25	18	50%	F		
1476	Quercus virginiana	Live Oak	16	20	25	55%	F		
1477	Quercus virginiana	Live Oak	15	20	25	55%	F		
1493	Sabal palmetto	Cabbage Palm	-	18	-	40%	F		
1660	Sabal palmetto	Cabbage Palm	-	13	-	45%	F		

Disposition Code "H" - TREES TO BE REMOVED - Per Original Plan (cont.)									
Plan #	Botanic Name	Common Name	d.b.h. (in.)	Height (ft.)	Canopy (ft.)	Condition	Disposition Code		
1001	Ficus microcarpa	Indian Fig	40	40	45	30%	H		
1001	Ficus microcarpa	Indian Fig	42	40	45	30%	H		
1013	Sabal palmetto	Cabbage Palm	-	16	-	45%	H		
1014	Sabal palmetto	Cabbage Palm	-	15	-	45%	H		
1015	Sabal palmetto	Cabbage Palm	-	12	-	45%	H		
1016	Sabal palmetto	Cabbage Palm	-	15	-	45%	H		
1017	Sabal palmetto	Cabbage Palm	-	10	-	45%	H		
1018	Sabal palmetto	Cabbage Palm	-	12	-	45%	H		
1019	Roystonia regia	Royal Palm	-	17	-	45%	H		
1020	Roystonia regia	Royal Palm	-	22	-	35%	H		
1021	Roystonia regia	Royal Palm	-	24	-	40%	H		
1022	Roystonia regia	Royal Palm	-	26	-	40%	H		
1025	Quercus virginiana	Live Oak	11	20	15	40%	H		
1026	Bucida buceras	Black Olive	18	35	40	40%	H		
1028	Bucida buceras	Black Olive	20	15	30	45%	H		
1029	Quercus virginiana	Live Oak							



1. Trees to be remain shall be pruned according to ANSI A300 (Part 1) - 2008. Prune to clean, thin, and raise, as necessary, to fit into new planting situation with any new adjacent trees or palms.
2. Remove crossing, dead, dying, or diseased branches.
3. Fertilize trees with a 6-6-6 analysis fertilizer with micronutrients, according to manufacturer's recommendations.
4. Palms to remain shall be trimmed to remove dead or dying fronds and flower/seed stalks.
5. Fertilize palms with a 6-6-6 analysis fertilizer with micronutrients, according to manufacturer's recommendations.
6. Apply a mycorrhizal landscape inoculate according to the manufacturer's recommendation to all trees and palms to remain.



1. SUMMARY

A. Labor, materials, necessary equipment and services to complete the tree & palm relocation work.

B. Before excavation, pruning, removal, or relocation of existing trees & palms, contractor shall notify:

1. Appropriate utility companies for flagging and coordination of service disconnection as necessary to complete work.
2. Coordinate work with other trades.
3. Permit the work as required through local permitting agency.

- A. Protect existing trees & palms to remain during construction phases. Provide tree protection barriers for those existing trees adjacent to tree transplantation operations. Any trees scarred or destroyed, designated to remain, will be replaced at the Contractor's expense, with similar species, size, and quality.
- B. Remove other vegetation as necessary and as directed by the owner's representative to accommodate new plantings. Prepare areas to be planted.

- A. Submit a schedule indicating units to be dug and relocated. Note materials requiring root pruning, and that the relocation schedule is to begin at the end of the specified root pruning period.
- B. Obtain permits as required by City of Delray Beach.
- C. Submit written or photographic certification that trees indicated to remain have been protected during the course of construction according to plans and permit requirements. Certify that where damage did occur:
  1. Trees &/or palms were promptly and properly treated.
  2. Indicate which damaged trees &/or palms (if any) are incapable of retaining full growth potential and are recommended to be replaced.

- A. Comply ANSI A300 (Part 1) - 2008, Prune to clean, thin, raise (as necessary), and reduce as necessary to fit into new planting situation.
- B. Comply ANSI A300 (Part 1) - 2008, Prune to clean, thin, raise (as necessary), and reduce as necessary existing trees & palms to remain on site.
- C. Recommend procedures to compensate for loss of roots (if any) and perform initial pruning of branches and stimulation of root growth.
- D. Provide routine progress evaluation reports on relocated trees & palms until the end of the maintenance period as required.

- A. Properly handle trees & palms during moving so trunks will not be scarred or damaged and to avoid broken limbs. Broken limbs not causing the tree to be rejected shall be repaired as follows:
  1. Properly prune dead, dying, or damaged branches with clean, sharp equipment.
  2. Remove injured bark and wood of a tree wound with a clean, sharp knife to a point where healthy bark and wood make contact at their margins.
  3. Inspect and treat wound for insect and disease.
  4. Seal wounds with bituminous base wound paint for all oak limbs greater than 3 inch diameter, or as recommended.
- B. Transport trees on vehicles of adequate size to prevent overcrowding, broken limbs, foliage damage, or root ball damage.
- C. Keep root balls moist during relocation.
- D. Protect tree crowns with shade cloth to prevent desiccation and wind burn. Crowns shall be periodically sprayed with water to help ensure against desiccation, or an antidesiccant used.
- E. Plant material shall be planted the same day it is dug. Coordinate preparation of planting pits to ensure this schedule.

- A. Relocated plant material does not fall under the standard 12 month guarantee. At the end of the maintenance period provide an updated list of trees & palms on site indicating if they are in acceptable condition.
- B. Repair damage to other plants or construction work within the relocation area during tree transplantation at no cost to the owner.

- A. The maintenance period shall be 4 months from the date of the last relocated tree or palm. Maintain relocated plant materials immediately after each item is planted and continued until the maintenance period is completed.
- B. During the maintenance period by insuring watering system is properly working, and tree protection barricades, staking, mulch, and other items associated with the relocation are in good repair.

- A. Transplanting shall consist of on-site of existing trees or palms from existing areas to permanent positions as noted on the drawings.
- B. Digging, Wrapping, and Handling: Plants shall be dug and prepared for moving in a manner that will not cause damage to branches, shape, root system, and development.

See Infrastructure Landscape Plan prepared by Covelli Design Associates for locations of relocated trees & palms. Additional information found on the Landscape Plan prepared by Covelli Design Associates for the Parks at Delray I and the Parks at Delray II.

- A. Relocated Material:
  1. Verify final grades have been established before planting operations. Ensure proposed planting pits drain by test-filling with water before transplantation.
  2. Thoroughly wash-in backfill soil around tree & palm rootballs to insure elimination of air pockets.
  3. Continue watering and caring for relocated material as specified.
  4. Mulch tree & palm planting pit areas to reduce weeds, discourage foot traffic, conserve moisture, and minimize temperature fluctuations.
  5. Brace trunk as necessary and leave in place for approximately one year until trees & palms are wind firm.
  6. Feed with a diluted solution of N-P-K in solution form with a soil needle, providing water, air, and nutrients.
  7. Apply a mycorrhizal landscape inoculate according to the manufacturer's recommendation.
  8. Where foliage is retarded, spray with one of the soluble types of foliage feeders.
  9. At time of planting, fill air pockets and keep roots, especially feeder roots, moist, live, and healthy. Direct fine spray at foliage to help harden-off new leaves.

- A. Following transplantation, water trees & palms daily for the first three weeks, every other day for the next three weeks, and every third day for the next three week hand watering period. Such watering shall flood the rootball area and thoroughly saturate the root ball to its full depth.
- B. Contractor shall set up and maintain a temporary watering system prior to the end of the hand watering period.
  1. Owner will provide water source with either a meter and fire hydrant, a canal, or well.
  2. If a temporary pump is used the electrical service shall be provided (service drop or generator).
  3. Permitting the system & water use will be the owner's responsibility.
  4. System shall be designed to thoroughly water rootballs of trees and palms.
  5. System shall provide for thoroughly misting crowns of relocated trees.
  6. Contractor shall keep temporary watering system in good working order throughout the watering period.
  7. Contractor shall remove watering system at the completion of the watering period.

A. Trees & palms to be relocated shall be tagged with an aluminum tree tag numbered according to the Tree Preservation & Removal Plan and attached by a loosely fitting galvanized wire around the trunk.

- A. Trees to be relocated shall be root pruned a minimum 4 months before transplantation with clean, sharp equipment.
  1. Depending on ultimate tree rootball size, trees shall be rootpruned using a method that prunes only a portion of the ultimate rootball circumference at a given time.
  2. Maintain root pruned materials by watering, weeding, mowing, spraying, fertilizing, and other horticulture practices.
  3. Roots shall have clean cuts.
  4. After root pruning, backfill with good rooting medium, fertilize with organic fertilizer to promote root growth.
  5. Create an min. 8" high mound to contain water within the rootball area.
  6. Mulch to reduce weeds, discourage foot traffic, conserve moisture, and minimize temperature fluctuation.
- B. Root Ball Size Chart: Root ball sizes shall be according to minimum standards set forth in Grades and Standards for Nursery Plants Part II, Palms and Trees, Florida Department of Agriculture.
  1. Trees - Minimum Ball Sizes:  
Caliper Minimum Ball Diameter  
3-1/2" to 4" - 28"  
4" to 4-1/2" - 30"  
4-1/2" to 5" - 32"  
5" to 5-1/2" - 34"  
Larger sizes increase proportionally.
  2. Trees - Minimum Ball Depth:  
Ball Diameter Depth  
Less than 20" - Not less than 75 percent of diameter.  
20" to 30" - Not less than 65 percent of diameter.  
30" to 48" - Not less than 60 percent of diameter.

A. Trees:

1. Trees: A certified arborist shall supervise the selective pruning and thinning of crown to remove approximately one third of the branches. Preserve the basic shape and form of the tree, eliminate cross-branching and dead or diseased branches.
2. Hand strip selected species of all leaves following pruning and before moving as necessary.

B. Palms: Follow standard procedure for transplantation of palms.

- A. Site Clean-up:
  1. Upon completion of the work, thoroughly clean up the project site.
  2. Remove equipment, unused materials, deleterious material, and surplus excavated material.
  3. Fine grade all disturbed areas and the areas adjacent to the transplanted material to provide a neat and uniform site in the relocation area.

## Revisions

LC 26000287

Urban Planning ♦

Tree Preservation & Removal Plan  
1690-2350 South Congress Avenue  
Delray Beach Florida

Date	10-21-2021
Scale	As Noted
PN#	1231

Drawing No.  
**TP-5**  
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