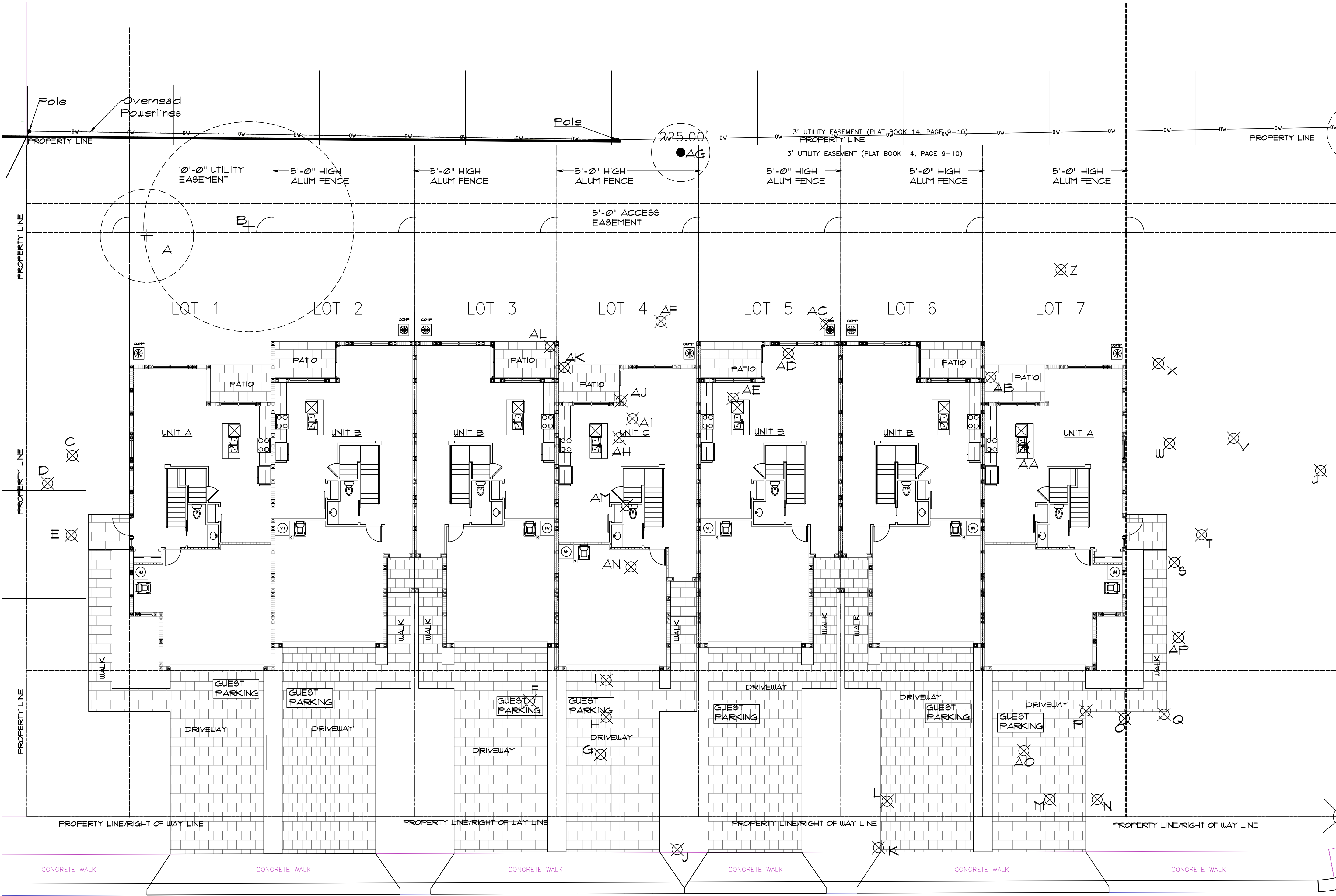


TREE #	COMMON NAME	BOTANICAL NAME	HEIGHT (ft)	WIDTH (ft)	CLEAR TRUNK (ft)	DBH (in)	HEALTH COND %	DISPOSITION	OBSERVATIONS	MITIGATION VALUE
A	Pink tabebuia	<i>Tabebuia heterophylla</i>	20'	16'		12	30	Remain	Storm damage	to remain on site
B	Pongam	<i>Milletia pinnata</i>	35'	36'		18.75	60	Remain	Decay in scaffolds	to remain on site
F	Live oak	<i>Quercus virginiana</i>	25'	47'		20	50	Remove	Severe co-dom leaders with inclusion	\$13,300.00 or replace on site
J	Black olive "Shady Lady"	<i>Bucida buceras</i>	25'	35'		13.5	70	Remove	Minor decay in fork	*(see below)
R	Hong Kong Orchid	<i>Bauhinia blakeana</i>	20'	20'		15"	0	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
U	Mahogany	<i>Swietenia mahagoni</i>	25'	30'		15.5	20	Remove	Overhead power, V cut	\$0.00
W	Royal poinciana	<i>Delonix regia</i>	25'	20'		16.25	10	Remove	Sprouted stump	\$0.00
X	Royal poinciana	<i>Delonix regia</i>	35'	35'		14.25/18	40	Remove	Decay in trunk, very poor structure	\$9,706.25 or replace on site
AC	Slash pine	<i>Pinus elliotii</i>	40'	36'		23.5	45	Remove	Decay in trunk	\$8,400.00 or replace on site
AL	Mango	<i>Mangifera indica</i>	40'	40'		28	30	Remove	Major decay, storm damage, very poor structure	\$0.00
AF	Mango	<i>Mangifera indica</i>	40'	40'		20	40	Remove	Major decay in fork and scaffolds	\$0.00
Total Mitigation: \$31,406.25 or replace on site										
John Sutton/Sutton Consulting Arborist, ISA Certified Arborist #SO-0326										
* Per on site meeting with Dave and Bill Wilsher on 7/27/20: Decay in fork of tree. Existing location of tree will interfere with sidewalk construction and addition of 4 verawood trees 12' ht to be used as mitigation.										

**LEGEND**

- EXISTING TREES TO REMAIN
- EXISTING PALMS TO REMAIN
- EXISTING TREES TO BE REMOVED



TREE #	COMMON NAME	BOTANICAL NAME	HEIGHT (ft)	WIDTH (ft)	CLEAR TRUNK (ft)	DBH (in)	HEALTH COND %	DISPOSITION	OBSERVATIONS	MITIGATION VALUE
C	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	18'	20'		10"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
D	Umbrella Tree	<i>Schefflera arboricola</i>	20'	20'		mult	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
E	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	20'	18'		10"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
G	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	20'	18'		8"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
H	Cabbage Palm	<i>Sabal palmetto</i>	20'	10'		90%	Remove	Good specimen	Mitigate at time of landscape plan approval 1 palm replacement	
I	Cabbage Palm	<i>Sabal palmetto</i>	8'	4'		90%	Remove	Good specimen	Mitigate at time of landscape plan approval 1 palm replacement	
K	Queen Palm	<i>Syagrus romanoffiana</i>	20'	8'		70%	Remove	Chlorotic fronds	Mitigate at time of landscape plan approval 1 palm replacement	
L	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	18'	20'		7"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
M	Cabbage Palm	<i>Sabal palmetto</i>	14'	5'		90%	Remove	Good specimen	Mitigate at time of landscape plan approval 1 palm replacement	
N	Cabbage Palm	<i>Sabal palmetto</i>	12'	3'		90%	Remove	Good specimen	Mitigate at time of landscape plan approval 1 palm replacement	
O	Solitaire Palm	<i>Psychoparma elegans</i>	25'	18'		60%	Remove	Constricted trunk, wound in trunk, distorted due to competition with Royal Palm	Mitigate at time of landscape plan approval 1 palm replacement	
P	Royal Palm	<i>Roystonia regia</i>	30'	15'		60%	Remove	Growing at foundation of house, scars on trunk caused by growing into roof	Mitigate at time of landscape plan approval 1 palm replacement	
Q	Cabbage Palm	<i>Sabal palmetto</i>	20'	12'		80%	Remove	Growing at foundation of house	Mitigate at time of landscape plan approval 1 palm replacement	
S	Solitaire Palm	<i>Psychoparma elegans</i>	16'	6-8'		70%	Remove	Grouping of three palms	Mitigate at time of landscape plan approval 1 palm replacement	
T	Solitaire Palm	<i>Psychoparma elegans</i>	10-18'	6-13'		80%	Remove	Grouping of 10 palms	Mitigate at time of landscape plan approval 1 palm replacement	
V	Christmas Palm	<i>Adonidia merrillii</i>	20'	8'		85%	Remove		Mitigate at time of landscape plan approval 1 palm replacement	
Y	Cabbage Palm	<i>Sabal palmetto</i>	14'	10'		50%	Remain	Over trimmed due to OHP, spear leaf cut	to remain on site	
Z	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	20'	18'		14"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AA	Cabbage Palm	<i>Sabal palmetto</i>	14'	4'		85%	Remove	Good condition	Mitigate at time of landscape plan approval 1 palm replacement	
AB	Cabbage Palm	<i>Sabal palmetto</i>	16'	4'		80%	Remove	Good condition	Mitigate at time of landscape plan approval 1 palm replacement	
AD	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	18'	10'		8"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AE	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	18'	12'		8"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AG	Christmas Palm	<i>Adonidia merrillii</i>	18'	11'		85%	Remain	Good condition	to remain on site	
AH	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	16'	8'		5"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AI	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	16'	8'		5"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AJ	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	16'	8'		5"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AK	Carrotwood	<i>Cupaniopsis anacardiopsis</i>	16'	12'		8"	NA	Remove	Invasive per Florida Exotic Pest Plant Council	\$0.00
AM	Areca Palm	<i>Dyopsis lutescens</i>	12'	mult		85%	Remove	Good condition	Mitigate at time of landscape plan approval 1 palm replacement	
AN	Areca Palm	<i>Dyopsis lutescens</i>	18'	mult		85%	Remove	Good condition	Mitigate at time of landscape plan approval 1 palm replacement	
AO	Areca Palm	<i>Dyopsis lutescens</i>	12'	mult		60%	Remove	Chlorotic fronds	Mitigate at time of landscape plan approval 1 palm replacement	
AP	Areca Palm	<i>Dyopsis lutescens</i>	20'	mult		70%	Remove	Growing against building on north side	Mitigate at time of landscape plan approval 1 palm replacement	

I certify that all statements of fact are true, complete and correct to the best of my knowledge and belief and that they are made in good faith.  
 Jeremy T. Chaney, FL-0762A, ISA Certified Arborist

project:  
**delray east townhomes**  
 2800 florida blvd  
 delray beach, fl

**dave bocker**  
 landscape architecture/planning inc.  
 601 n. congress ave., suite 105-a  
 delray beach, florida 33445  
 561-276-6311

#LA000999  
 sheet title:  
**existing tree plan**

project number:  
 3820  
 date: 03/12/2020  
 scale: 1" = 10'  
 drawn by: lmb

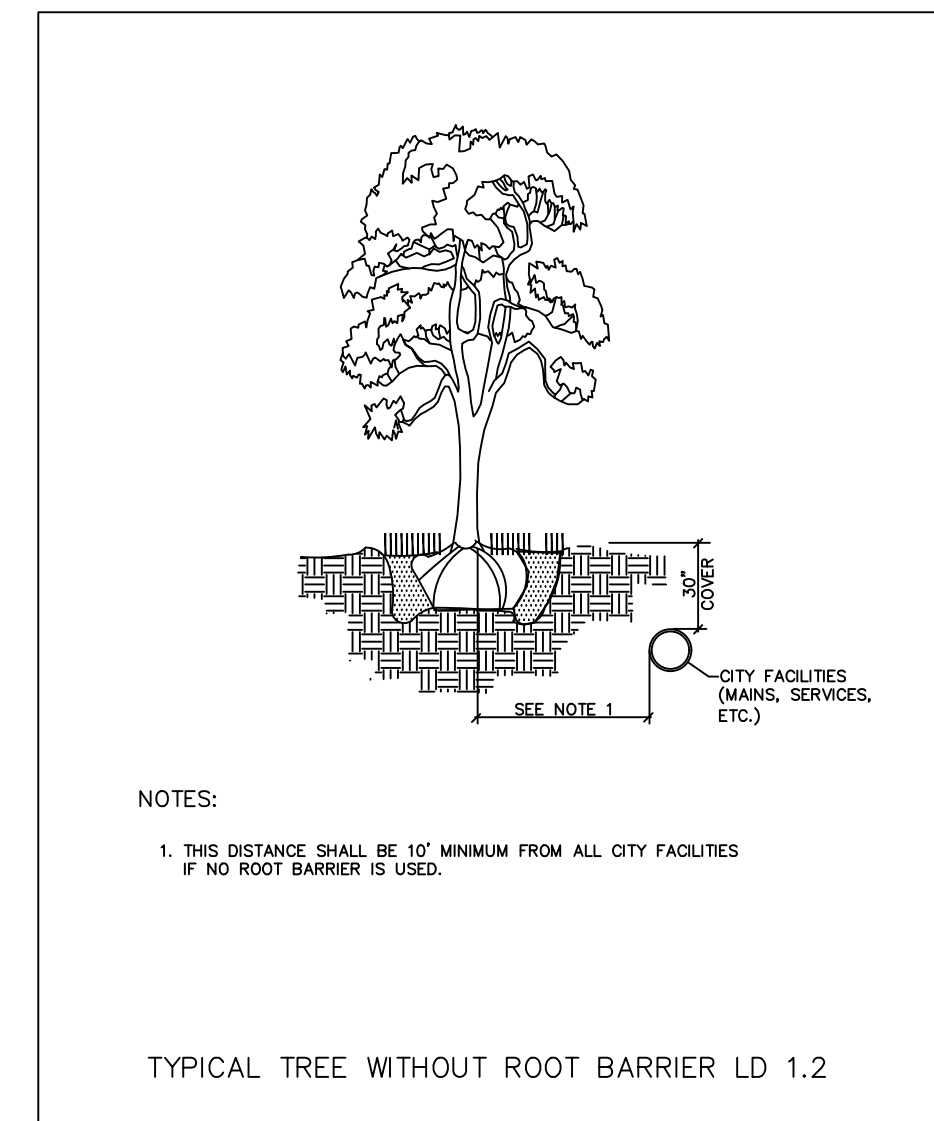
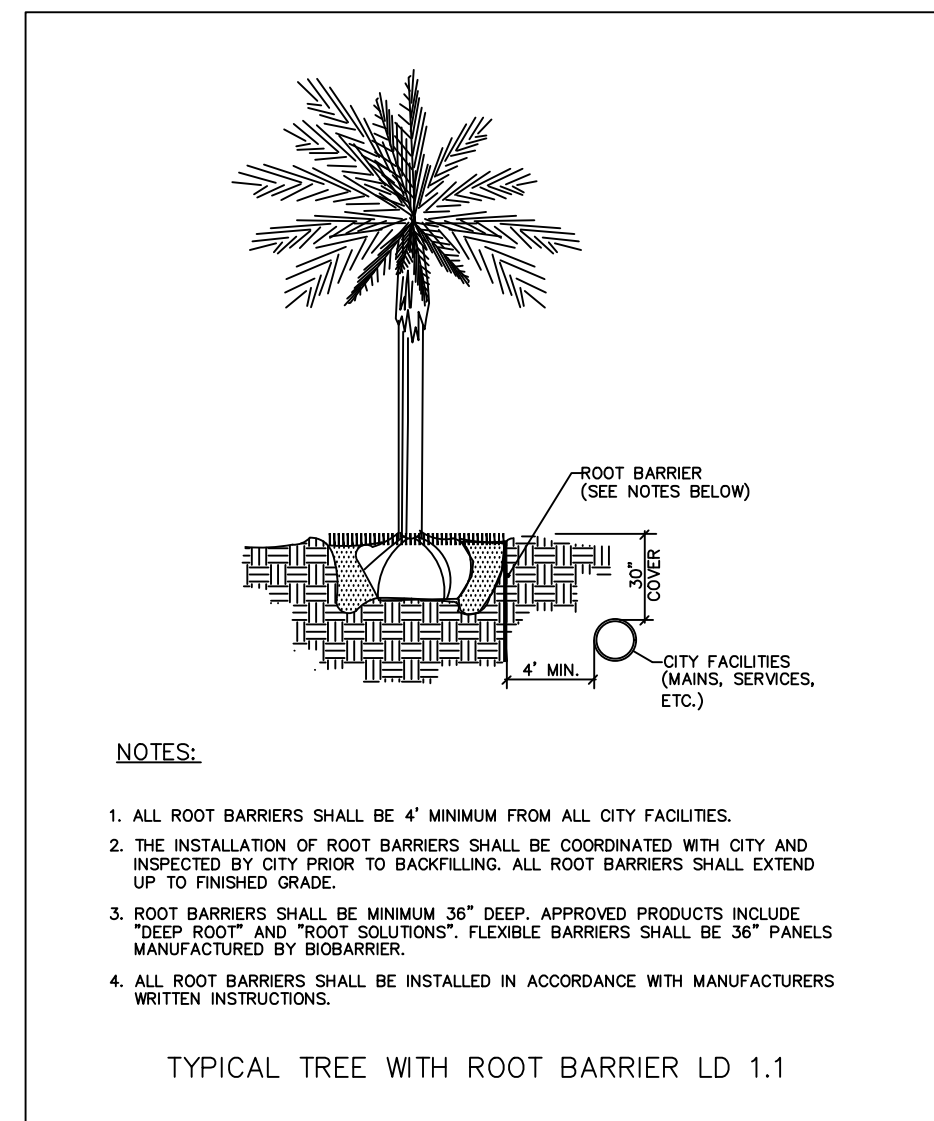
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 ▲ 7/27/20-Tree J  
 ▲ 11/4/20-TAC comments  
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# CODE DATA

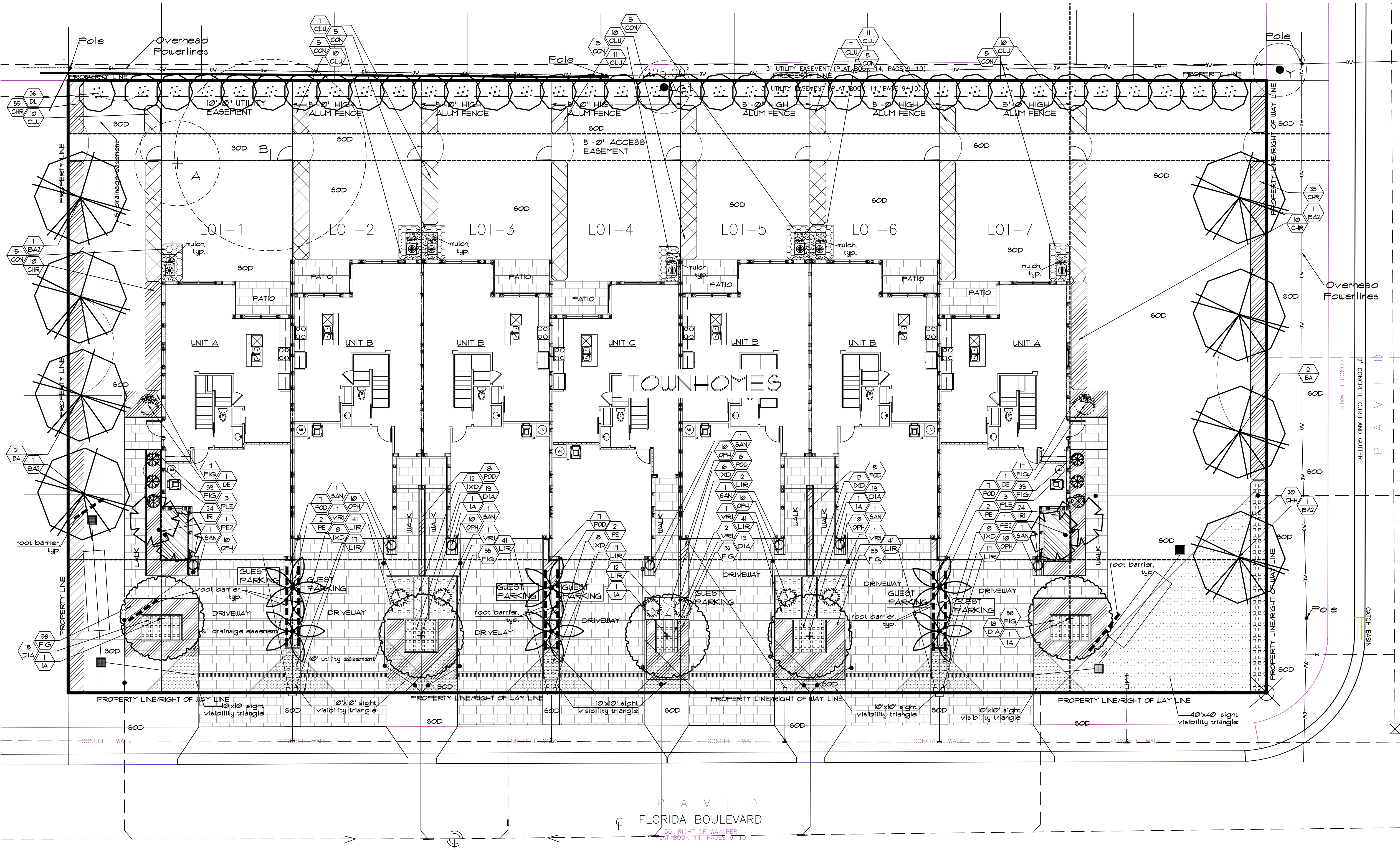
A	TOTAL LOT AREA	29,875 SF.
B	STRUCTURES, PARKING, GARAGES, DRIVES, ETC.	17,420 SF.
C	TOTAL PERVIOUS LOT AREA	13,850 SF.
D	AREA OF SHUBS AND GROUND COVERS REQUIRED	4,897 SF.
E	AREA OF SHUBS AND GROUND COVERS PROVIDED	4,892 SF.
F	NATIVE VEGETATION REQUIRED	1,610 SF.
G	NATIVE VEGETATION PROVIDED	1,604 SF.
H	TOTAL PAVED VEHICULAR USE AREA	3,918 SF.
I	TOTAL INTERIOR LANDSCAPE AREA REQUIRED	1 x (H x .30)
J	TOTAL INTERIOR LANDSCAPE AREA PROVIDED	In excess of 1,334 SF.
K	TOTAL INTERIOR SHADE TREES REQUIRED	K x (.1/25 SF.)
L	TOTAL INTERIOR SHADE TREES PROVIDED	11
M	TOTAL LINEAR FEET SURROUNDING PARKING OR VEHICULAR USE AREAS	50 L.F.
N	TOTAL NUMBER OF PERIMETER TREES REQUIRED	N x (.1/25) IF ADJACENT TO PROPERTY IN RESIDENTIAL USE
O	TOTAL NUMBER OF PERIMETER TREES PROVIDED	6 TREES
P	TOTAL NUMBER OF EXISTING TREES TO BE SAVED ON SITE	2 TREES
Q	TOTAL NUMBER OF NATIVE TREES REQUIRED	Q x ((K + N) x .30)
R	TOTAL NUMBER OF NATIVE TREES PROVIDED	3 TREES
S	TOTAL NUMBER OF TREES ON PLAN PROVIDED	12 TREES

ALL PLANT MATERIAL SHALL BE FLORIDA # GRADE OR BETTER.  
 MULCH SHALL BE APPLIED TO A MINIMUM DEPTH OF THREE (3) INCHES IN ALL PLANTING BEDS.  
 ALL PROVIDED PLANT SPECIES SHALL BE SPECIFICATED FROM THE SITE.  
 ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM AUTOMATICALLY OPERATED TO PROVIDE COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASSES.  
 SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE.  
 THREE (3) PALMS ARE EQUIVALENT TO ONE (1) SHADE TREE.  
 ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS LD 11 & LD 12.  
 NOTE:  
 ANY TREES OR SHRUBS PLACED WITHIN WATER, SEWER OR DRAINAGE EASEMENTS SHALL CONFORM TO THE CITY OF DELRAY BEACH STANDARD DETAILS LD 11 AND LD 12.  
 THE AREA BETWEEN THE PROPERTY LINE / ROW LINE AND THE EDGE OF PAVEMENT OF CITY STREETS SHALL BE SODDED OR LANDSCAPED WITH A GROUND COVER ACCEPTABLE TO THE CITY ENGINEERING DEPARTMENT. IT IS UNDERSTOOD THAT ANY REPAIRS DUE TO CITY MAINTENANCE WILL BE REPLACED. (THE CITY WILL ONLY REPLACE WITH ST. AUGUSTINE OR BANIA GRASS).  
 A COST ESTIMATE WILL BE SUBMITTED AT THE TIME OF THE BUILDING PERMIT APPLICATION.  
 AN IRRIGATION PLAN WILL BE SUBMITTED AT THE TIME OF THE BUILDING PERMIT APPLICATION.



# PLANT LIST

SYM	BOTANICAL/COMMON NAME	SPECIFICATIONS	QTY	NATIVE *
BA	Bulnesia arborea Versewood	16' ht. x 7" apr. 3" cal.	4	*
BA2	Bulnesia arborea Versewood	12' ht. x 5" apr. 2" cal.	4	*
DE	Duranta erecta 'Sapphire Showers' Golden Dewdrop	6' ht. x 3' apr.	2	
DL	Dypsis lutescens Areca Palm	10' ht. x 5' apr. ftb.	36	
IA	Ilex x attenuata 'East Palatka' East Palatka Holly	16' ht. x 7" apr. 3" cal. standard	5	*
FE	Ptychosperma elegans Single Solitaire Palm	16' o.a. ht. single trunk	6	
FE2	Ptychosperma elegans Double Solitaire Palm	16' o.a. ht. double trunk	2	
CHH	Chrysobalanus icaco 'Horizontal' Horizontal Cocoplum	24" ht. x 24" apr. 24" o.c.	20	*
CHR	Chrysobalanus icaco Cocoplum	24" ht. x 24" apr. 24" o.c.	110	*
CLU	Clusia guttifera Clusia	24" ht. x 30" apr. 30" o.c.	16	
CON	Conocarpus erectus 'Sericeus' Silver Buttonwood	24" ht. x 24" apr. 24" o.c.	35	*
DIA	Dianella tasmanica 'Variegata' Blueberry Flax Lily	10" ht. x 10" apr. 18" o.c.	87	
FIG	Ficus microcarpa Green Island Ficus	10" ht. x 10" apr. 18" o.c.	370	
IRI	Iris virginica Blue Flag Iris	18" ht. x 18" apr. 18" o.c.	48	*
IXD	Ixora Maui Sunset Dwarf Ixora	18" ht. x 18" apr. 18" o.c. double row	54	
LIR	Liriope muscari 'Evergreen Giant' Evergreen Giant Liriope	12" ht. x 12" apr. 12" o.c.	239	
OPH	Ophiopogon japonicus Mondo Grass	5" ht. x 5" apr. 6" o.c.	70	
PLE	Dracaena reflexa 'Variegata' Pisomisia	5" ht. 3ppp	6	
POD	Podocarpus macrophyllus Podocarpus	42" ht. x 24" apr. 24" o.c.	43	
SAN	Sanseveria trifasciata laurentii Variegated Sanseveria	18" ht. x 18" apr.	7	
VRI	Vriesea imperialis Imperial Bromeliad	3' ht. x 3' apr.	6	
SOD	Stenotaphrum secundatum St. Augustine Sod	full, fresh sod	as req'd	
---	Root Barrier	36" ht. hung vertically	as req'd	



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 delray beach, florida 33445  
 561-276-6311

#LA000999  
 sheet title:  
**planting plan**  
 project number:  
 3820  
 date: 03/12/2020  
 scale: 1" = 10'  
 drawn by: imb

revisions:  
 ▲ 7/27/20-Tree J  
 ▲ 11/4/20-TAC comments  
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sheet:  
**L-2**  
 2 of 3 sheets



Applicable Documents:

A. These Specifications and the requirements hereafter will govern the project during the installation, guarantee and maintenance period.

B. Scope of Work

The work specified by this section of the Specifications and on the Plans consists of furnishing all labor, material, tools, apparatus, means of transportation, supplies, equipment, materials, services and incidentals necessary to complete the work as indicated on the Plans and in the Specifications, as well as all other related requirements, including all damage and repair incident thereto.

The work shall include, but not be limited to, furnishing material, root pruning area required, lighting protection to the public, excavation, installation, backfilling, grading, fencing, mowing, staking and gapping areas required, watering, pruning area required, soil installation, seeding, cleanup, maintenance and guarantee.

Quantities and Location: The Landscape Architect reserves the right to adjust the nature and location of the designated types and species to be used at any of the locations shown in order to provide for any modifications which may be necessary.

Investigation of Subsurface Condition: The Contractor shall be responsible for making site subsurface investigations and examination as to the existence in order to become familiar with the character of the existing material and the construction conditions under which he or she will work.

Plant material shall be Florida 'N' or better as set forth in the latest edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

Plant materials shall be selected for the approval of the Landscape Architect for quality, size and color by plants lacking the common or proper proportions, plants which are weak or thin, and plants injured by disease, insect or other causes. Plant materials which have been cut back from regular grades indicate certain specifications requirements shall be selected.

Plant material shall have normal, well developed branches and shall be vigorous plants, free from defects, decay, borers, disfiguring roots, unsound insects, abrasion of the bark, plant diseases, insect pest, eggs, larvae, and all forms of infestation or objectionable infestations.

Plant material shall be delivered in a loose condition.

To reduce head volume, Palm fronds may be upper trimmed by not more than one-third.

Plastic, electrical, mechanical, damage such as from cables, drain, equipment and nails, shall be rejected.

Chlorosis: The allowable level of Chlorosis in foliage shall be as listed in the latest edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

Miscellaneous: 'Miscellaneous' or other approved recognized (approved by Landscape Architect or other governing agency) fertilizer.

New and existing Trees and Palms: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

New and existing Shrubs and Groundcover: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

Soil: All soil shall be solid soil and shall be standard quality grade.

Soil: All soil shall be standard quality grade.

Fertilizer: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

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Quality Assurance:

The Landscape Architect may inspect trees, shrubs, and groundcover either at the place of growth or at the site before planting for compliance with the requirements for name, variety, size, and quality. The Landscape Architect retains the right to further inspect trees and shrubs for size and condition of balls and root system, trunks, burls, and branch defects, and to reject unsatisfactory or defective material at any time during the progress of work. The Landscape Architect shall remove rejected trees or shrubs within 1 day from the project site.

The Contractor's Superintendent shall speak English and be well versed in Florida plant material, planting operations, Plan and specification interpretation, coordination with other contractors or service in the project area and coordination between the nursery and the project.

All employees shall be competent and highly skilled in their particular jobs in order to properly perform the work assigned to them. The Contractor shall be responsible for maintaining the quality of the material on the project.

The Contractor will comply with applicable Federal, State, County and local requirements governing landscape materials and work.

All plants material shall be Florida 'N' or better as set forth in the latest edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

Plant materials shall be selected for the approval of the Landscape Architect for quality, size and color by plants lacking the common or proper proportions, plants which are weak or thin, and plants injured by disease, insect or other causes. Plant materials which have been cut back from regular grades indicate certain specifications requirements shall be selected.

Plant material shall have normal, well developed branches and shall be vigorous plants, free from defects, decay, borers, disfiguring roots, unsound insects, abrasion of the bark, plant diseases, insect pest, eggs, larvae, and all forms of infestation or objectionable infestations.

Plant material shall be delivered in a loose condition.

To reduce head volume, Palm fronds may be upper trimmed by not more than one-third.

Plastic, electrical, mechanical, damage such as from cables, drain, equipment and nails, shall be rejected.

Chlorosis: The allowable level of Chlorosis in foliage shall be as listed in the latest edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants.

Miscellaneous: 'Miscellaneous' or other approved recognized (approved by Landscape Architect or other governing agency) fertilizer.

New and existing Trees and Palms: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

New and existing Shrubs and Groundcover: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

Soil: All soil shall be solid soil and shall be standard quality grade.

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Fertilizer: Fertilize with 8-2-12 palm fertilizer with micronutrients at a rate of 1/2 lb. per 1000 sq. ft. of area.

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Delivery, Handling and Storage:

Delivery and Handling: (1) Movement of nursery stock shall comply with all Federal, State, and local laws, regulations, ordinances, codes, etc.

(2) Protection during delivery to prevent damage to root ball or destruction of leaves. Remove unacceptable plant materials immediately from the job site. Materials and protect until stored at the site.

(3) Transport materials on vehicles large enough to allow plants not to be crowded and damaged. Plants shall be covered to prevent wind damage during transit.

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Planting Methods:

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