## LANDSCAPE NOTES

1- All plant material shall be Florida No. 1 or better as given inthe current Florida Grades and Standards for Nursery Plants, 2015, Florida Department of Agriculture and Consumer Services.

2- All plant materials shall be subject to inspection and approval by the Landscape Architect at place of growth and upon delivery for conformity to specification.

3- All plants shall be true to species and variety and shall conform to measurements specified. All substitutions shall be submitted to the City and Landscape Architect for final approval.

4-All plants shall be exceptionally heavy, symmetrical, tight knit and so trained in appearance as to be superior to form, branching and symmetry.

5. Contractor shall notify Sunshine 811 (call 811) for locations of existing utility lines 48 hours prior to beginning work. Contractor shall verify location of all utility lines and easements prior to commencing any work. Excavation in the vicinity of underground utilities shall be undertaken with care

and by hand, if necessary. The Contractor bears full responsibility for this work and disruption or damage to utilities shall be repaired immediately at no expense to Owner.

6- Grade B+, shredded sterilized Melaleuca or Eucalyptus mulch shall be used in all mass planting beds and for individual tree pits. All trees shall have a mulch ring with a depth of 3" and a diameter of 3'- 4' around their base. All mulch shall be kept 4" from base of all plant material. Mulch beds shall be a minimum of 12" wider than plants measured from outside edge of foliage.

7- Sod shall be St Augustine and free of weeds, insects, fungus and disease, laid with alternating and abutting joints. 8- All trees and shrubs shall be backfilled with a suitable planting soil consisting of 50 percent sand and 50 percent approved compost. All plant materials shall be planted with a minimum of 6 to 18 inches of planting soil around the root ball. Refer to planting details. Planting soil to be backfilled into plant pits by washing in. Planting beds shall be free from road, pea, egg or colored rock, building materials, debris, weeds, noxious pests and disease.

9- All sodded areas to have a minimum of 2" of planting soil as described in note #8. 10- All trees shall be warranted by the Contractor and will be

healthy and in flourishing condition of active growth one year from date of final acceptance. 11- All shrubs, groundcovers, vines and sod shall be fully

warranted for 90 days under same condition as above. 12- All synthetic burlap, synthetic string or cords or wire baskets shall be removed before any trees are planted. All synthetic tape shall be removed from trunks, branches, etc before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole before trees are backfilled. Planting soil to be backfilled into pits by washing

13- All trees and palms shall be planted with the top of their rootballs 1"-2" above finished grade. All other plants shall be planted with top of their rootballs no deeper than the final grade surrounding the planting area.

14- In areas where paved surfaces abut sod or mulch, the final level of both surfaces should be even. 15- All planting shall be installed with fertilizer at time of planting.

16- All planting shall be installed in a sound, workmanlike manner and according to good planting procedures. Installation shall include watering, weeding, fertilizing, mulching, selective pruning and removal of refuse and debris on a regular basis so as to present a neat and well kept

appearance at all times. 17- All landscape and sod areas shall have an automatic irrigation system installed. Coverage should be 100% with 50% minimum overlap using rust free water to all landscape and sod areas. Spray upon public sidewalks, streets and adjacent properties should be minimized. Sodded areas and shrub/ groundcover beds should be on separate irrigation zones for a more efficient system. Irrigation system shall be installed with a rainswitch device.

18- All landscape and irrigation shall be installed in compliance with all local codes.

19- The plan shall take precedence over the plant list, should

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Plant List						
<u>Sym</u>	<u>Qty</u>	Botanical Name	Common Name	Size	<u>Native</u>	Drought Tolerance
Trees/ Palr	ns					
BA	27	Bulnesia arborea	Verawood	12' Ht x 5' Spr, 2" DBH	No	High
CG	11	Caesalpinia granadillo	Bridalveil	12' Ht x 4' Spr, 2" DBH	No	High
CE	22	Conocarpus erectus	Green Buttonwood	12' Ht x 5' Spr, 2" DBH	Yes	High
DR	3	Delonix regia	Royal Poinciana	12' Ht x 5' Spr, 2" DBH	No	High
MF	15	Myrcianthes fragrans	Simpson's Stopper	10' Ht. x 5' Spr., 1.5" DBH	Yes	High
ED	23	Elaeocarpus decipiens	Japanese Bluberry	10' Ht. x 5' Spr., 1.5" DBH	No	Medium
PE	43	Pinus elliottii	South Florida Slash Pine	12' Ht x 4' Spr, 2" DBH	Yes	Hlgh
QV	48	Quercus virginiana	Live Oak	12' Ht x 5' Spr, 2" DBH	Yes	High
TD	24	Taxodium distichum	Bald Cypress	12' Ht x 5' Spr, 2" DBH	Yes	Hlgh
PS	21	Phoenix sylvestris	Sylvester Palm	10' CT, matched	No	Hlgh
VM	81	Veitchia montgomeryana	Montgomery Palm	12' OA Ht.	No	Medium
L	40	Lagerstroemia indica 'Muskogee'	Crape Myrtle	10' Ht. x 5' Spr., 1.5" DBH, single trunk	No	High
LL	32	Lysiloma latisiliquum	Wild Tamarind	12' Ht x 5' Spr, 2" DBH	Yes	High
TH	52	Tabebuia heterophylla	Pink Tabebuia	12' Ht x 4' Spr, 2" DBH	No	High
SM	3	Swietenia mahagoni	Mahogany	12' Ht x 5' Spr, 2" DBH	Yes	High
IC	34	llex cassine	Dahoon Holly	10' Ht x 4' Spr, 2" DBH	Yes	Medium
Shrubs/Gro	oundcovers					
CI	293	Chrysobalanus icaco	Cocoplum	24" x 24", 24" O.C.	Yes	Medium
JA	16	Jatropha integerrima 'Compacta'	Jatropha	5' Ht, std	No	High
TF	40	Tripsacum floridana	Florida Gamma Grass	16" x 16", 24" O.C.	Yes	High
GG	210	Galphimia gracilis	Thryallis	24" x 24", 24" O.C.	No	Medium
SA	195	Schefflera arboricola	Green Arboricola	24" x 24", 24" O.C.	No	High
SR	161	Serenoa repens	Saw Palmetto	20" x 20", 36" O.C.	Yes	High
VS	505	Viburnum suspensum	Sandankwa	24" x 24", 24" O.C.	No	Medium
HP	75	Hamelia patens ' Compacta'	Firebush	24" x 24", 24" O.C.	Yes	High
Sod			St. Augustine			
Mulch			Shredded Melaleuca or Eucalyptus			

## 3. WHERE SHUBS & GROUNDCOVER ARE PLANTED IN BEDS, EXCAVATE ENTIRE BED & FILL W/ PLANTING BACKFILL MIXTURE. 4. DEPTH OF PLANTING PIT SHALL NOT BE LESS THAN 1-1/2 TIMES THE DEPTH OF THE ROOTBALL. - PLANT SHRUB SO TOP OF THE ROOTBALL IS FLUSH WITH FINISH GRADE - 3" LAYER OF MULCH ENTIRE PLANTING BED - FINISH GRADE PLANTING BACKFILL MIXTURE - WATER & TAMP TO REMOVE AIR POCKETS COMPACTED BACKFILL MIXTURE - COMPACTED SUB-GRADE SHRUB PLANTING DETAIL $-\sqrt{QV}$ DO NOT CUT LEADER - PROVIDE 3 GUYS OF ARBOR TAPE. TIE AROUND TRUNK. ATTACH AND TIGHTEN AT WOODEN STAKE. STAKE TO BE BELOW FINISH GRADE. TOP OF ROOTBALL FLUSH WITH FINISH GRADE AFTER SETTLEMENT 3" DEPTH MULCH 2" CLEAR OF TRUNK - TEMPORARY WATER BASIN - FORM SAUCER WITH 4" CONTINUOUS RIM FINISH GRADE TIME RELEASED FERTILIZER TABLETS PLANTING BACKFILL MIXTURE WATER AND TAMP TO REMOVE AIR POCKETS MPACTED SUBGRADE TREE STAKING DETAIL PLANT PALMS SO THAT THE TOP OF ROOTBALL IS FLUSH W/ FIN. GRADE SET PALMS PLUMB & TRUE TO GRADE THE FRONDS DURING TRANSPORTATIONG TO PROTECT GROWING TIPS. DO NOT TRIM ENDS FOR B & B PALMS CUT AND REMOVE BURLAP FROM TOP 1/3 ROOTBALL "HURRICANE CUT" SABAL PALM FRONDS $\left< \frac{\text{TD}}{3} \right>$ 4 LAYERS OF BURLAP WITH 2 GALV. STEEL BANDS WRAPPED AROUND BATTENS PLANT TOP OF ROOTBALL FLUSH WITH FINISH GRADE 3" DEPTH LAYER OF MULCH ENTIRE PLANTING BED 6" CLEAR OF ROOTBALL . 2x4x24" P.T. WOOD STAKES MINIMUM 3" BELOW GRADE LAKE PLANTING BACKFILL MIXTURE - WATER & TAMP TO REMOVE AIR POCKETS

PALM PLANTING DETAIL

NOTE: NO WELLINGTON TAPE OR OTHER NON-BIODEGRADABLE

MATERIALS SHALL COME INTO CONTACT WITH THE TREE.

COMPACTED BACKFILL MIXTURE

COMPACTED SUB-GRADE

NOTE: ALL STAKING & GUYS SHALL BE REMOVED APPROXIMATELY 9 MONTHS AFTER PLANTING OR AS DIRECTED BY LANDSCAPE ARCHITECT

CONTAINER GROWN SHRUBS - LOOSEN ROOTS AT EDGE OF ROOTBALL
BALL IN BURLAP SHRUBS - CUT & REMOVE BURLAP FROM TOP 1/3 OF ROOTBALL.

TEMPORARY WATER BASIN- FORM SAUCER W/ 3" CONTINUOUS RIM

1. SET TREE PLUMB & TREE TO GRADE

2. PLANT TREES SO THAT THE TOP OF ROOTBALL IS FLUSH WITH FINISH GRADE

ALL STAKING & GUYS SHALL BE REMOVED APPROXIMATELY 9 MONTHS AFTER PLANTING OR AS DIRECTED BY LANDSCAPE ARCHITECT

PLANT TREE SO TOP OF THE ROOTBALL

1/3 HT FOR TREES-2"-4" CALIPER.

WOOD STAKES OF SUITABLE -SIZE TO STABALIZE TREE DRIVE STAKES BELOW GRADE

12" SECTION OF PVC PIPE -TO COVER TAPE

COMPACTED BACKFILL MIXTURE

(4) 2"x4"x16" P.T. WOOD BATTENS

(4) 2"x4" P.T. WOOD — BRACES

FINISH GRADE

FERTILIZER TABLETS

High		
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## Landscape Requirements

Description	Code Requirement	Application	Required	Provided
Perimeter trees between building and parking	1 tree/ 20 LF	1800 LF of Building/ 20 =	90	90
Perimeter trees between Right of Way & VUA	1 tree/ 20 LF	Military Trail 120'/ 20 =	6	6
Perimeter trees between adjacent property & parking	1 tree/ 20 LF	North Perimeter 810'/ 20 =	41	41
		South Perimeter 130'/ 20 =	7	7
Rear & sides of buildings	1 tree/ 20 LF	3365 LF of Building/ 20 =	169	169
Total Required Trees			313	313
				398 trees + 81
Minimum tree quantity	1 tree/ 1500 sf of developed site	572,814 sf/ 1500 =	382	veitchia palms
Native trees	70% of required trees	313 x .70 =	219	221
Native shade trees	60% of required trees	313 x .60 =	188	206

