



**LANDSCAPE DATA**  
 SEC. 13-443(A)  
 LANDSCAPE OPEN SPACE: 139,760 SF  
 139,760 SF / 1000 = 140 X 2 = 280 SITE TREES REQUIRED AND PROVIDED  
 280 X 5 = 1400 SITE SHRUBS REQUIRED AND PROVIDED

7b. LANDSCAPE TO CANAL OR LAKE AND STREET EDGE REQUIRED AND PROVIDED  
 7c. BUILDING PERIMETER: 1 TREE/20 SHRUBS AND 30 GROUNDCOVER/40 LF PROVIDED. BLDG: 1099 LF EXCLUDING DRIVES AND WALKS  
 1099/40 = 27 TREES, 560 SHRUBS AND 840 GROUNDCOVER REQUIRED-  
 PROVIDED 28 TREES, 560 SHRUBS & 840 GROUNDCOVER

10. PERIMETER LANDSCAPE REQUIRED AND PROVIDED:  
 NORTH PROPERTY LINE: 1 TREE/40 LF AND CONTINUOUS HEDGE  
 659 LF/40 = 17 TREES  
 SOUTH PROPERTY LINE: 1 TREE/40 LF AND CONT. HEDGE REQUIRED.  
 494 LF/40 = 13 TREES & CONT. HEDGE PROVIDED  
 EAST PROPERTY LINE BUFFER: 648 LF/40 = 17 TREES  
 AND CONTINUOUS HEDGE REQUIRED & PROVIDED.  
 SITE SHRUBS REQUIRED AND PROVIDED AS TIERED PLANTINGS

10b. WEST PROPERTY LINE BUFFER: 1 TREE/40 LF AND CONTINUOUS HEDGE REQUIRED.  
 699 LF/40 = 18 TREES & CONT. HEDGE PROVIDED

11c. SCREEN STORAGE AND DUMPSTER AREAS REQUIRED AND PROVIDED  
 12c. PARKING INTERIOR: 1 TREE/10 SPACES REQUIRED & PROVIDED  
 295 SPACES/10 = 30 TREES REQUIRED & PROVIDED  
 12c. DIVIDER MEDIANS - HEAD TO HEAD PARKING: 1 TREE/40 LF  
 1190 LF/40 = 30 TREES REQUIRED & PROVIDED

13. STREET TREES REQUIRED:  
 1740 LF ON LYONS ROAD.  
 17 STREET TREES REQUIRED/PROVIDED

15. ROADWAY BUFFERS:  
 c.1. MEANDERING BERM REQUIRED AND PROVIDED  
 450 TREES REQUIRED BY CODE = 450 TREES PROVIDED  
 1960 SHRUBS REQUIRED - CONTINUOUS HEDGE - 1960 SHRUBS PROVIDED - CONTINUOUS HEDGE  
 840 GROUNDCOVER REQUIRED - 840 GROUNDCOVER PROVIDED  
 40X SHADE TREES (180) REQUIRED, 180 PROVIDED AT 12HT  
 30X INTERMEDIATE TREES (195) REQUIRED, 195 PROVIDED AT 10' HT.  
 10X SMALL TREES (45) REQUIRED, 45 PROVIDED AT 8' HT.  
 SHADE TREES & PALMS 72 NATIVE (100X) PROVIDED  
 INTERMEDIATE TREES 54 NATIVE (71X) PROVIDED  
 SMALL TREES 18 NATIVE (100X) PROVIDED  
 SHRUBS 784 NATIVE (100X) PROVIDED

PLANT LIST FOR FOOD FOR THE POOR

NOTE: The quantities on this plant list are to be used as a guide only. Bidder shall do independent takeoff for bidding purposes.

CT=CLEAN TRUNK GW=GREY WOOD DBH=DIAMETER BREAST HEIGHT (4 1/2') OA=OVERALL HEIGHT  
 FTB=FULL TO BASE HVV=HEAVY TRUNK CAL=CALIPER @ 12" PER GRADES & STD. SING= SINGLE TRUNK  
 DBL=DOUBLE TRUNK TRP=TRIPLE TRUNK STD= TREE STANDARD MULT= MULTI-TRUNK  
 STAG= STAGGERED HEIGHTS

ALL PLANT MATERIALS MUST ADHERE TO CURRENT GRADES AND STANDARDS FOR FLORIDA NUMBER ONE QUALITY OR BETTER

SYM	QNT	BOTANICAL NAME	COMMON NAME	OA	HT	TRUNK	TRUNK	COMMENTS
ALZ	100	Alpinia zerumbet 'variegata'	Variegated Shell Ginger	30"	30"			5 Stem Min
AVE12	6	Averrhoa carambola	Star Fruit	12'	5'	4.5CT	2" dbh	5 Stem Min
AW20	2	Acoelorrhaphe wrightii	*Panicum	20'	80/10'	6-10'		Stagg Trnks
BS12	25	Bursera simaruba	*Gumbo Limbo	12'	6'	4.5CT	1.5" dbh	
CAS10	18	Cassia surattensis	Cassia	10'	5'	4.5CT	2" dbh	
CB112	27	Calophyllum antillanum	Beautyleaf	12'	6'	4.5CT	2" dbh	
CES10	41	Conocarpus erectus sericeus	*Silver Buttonwood	10'	5'	3CT	1.5" dbh	
CI	2078	Chrysobalanus icaco	*Cocoplum	24"	24"			Full
CLR10	10	Clusia rosea	*Pink Apple	10'	5'	3CT	1" dbh	
COA	7	Coccoloba 'Magna'	Magnolia Coccoloba	12-14'		4GW		CERTIFIED
CVB	44	Codiaeum variegatum 'Bravo'	Bravo Croton	24"	24"			3 Per Pot
DM6	3	Dracaena marginata	Dracaena	6'	2'			5-7 Hds Min
EJ10	33	Eleocharis japonica	Loquat	10'	5'	4.5CT		
FAK	20	Tripasacum dactyloides	*Fakahatchee Grass	30"	30"			Full
FER	20	Ficus GREEN ISLAND	GREEN ISLAND FIGUS	18'	18'			Full
GG	480	Cathnium gracilis	Thyallis	24"	18"			Full
HR6	2	Hibiscus rosa-sinensis	Chinese Hibiscus	6-3'	3CT	1.5" dbh	Tree Std.	
IAP8	17	Ilex attenuata 'East Palatka'	*East Palatka Holly	10'	4'	3CT	1" dbh	
IAP10	4	Ilex attenuata 'East Palatka'	*East Palatka Holly	10'	4'	3CT	1" dbh	
IC10	26	Ilex cassine	*Daboon Holly	10'	5'	4.5CT	1.5" dbh	
INO	820	Inonotus Nura Grant	Nura Grant Inonotus	24"	24"			Full
IVS	50	Ilex vomitoria nana 'Shelting'	*Dwarf Yaupon Holly	24"	24"			Full
JV	1045	Jasminum volubile	Wax Jasmine	24"	24"			Full
L110	13	Lagerstroemia indica	Crape Myrtle	10'	4'	3-4.5CT		
L18	50	Lagerstroemia indica	Crape Myrtle	8'	4'	2-3CT		
L31	31	Ligustrum japonicum	Wax Privet	12'	8'		MULTI	
M12	4	Mangifera indica	Mango Var.	18'	8'			Triple
PE1A	4	Psychosperma elegans	Solitaire Palm	18'				Triple
PE12	2	Peleophorum pterocarpum	Yellow Poinciana	12'	6'	4.5CT	2.5" dbh	
PEP	395	Pentas Pink	Pentas Pink Dwarf	6-8"				Full
P18	610	Plumbago 'IMPERIAL BLUE'	Leadwort	24"	24"			Full
POA	144	Podocarpus neriifolia	Yew Podocarpus	4"	24"			Full
PP12	27	Pongamia pinnata	Pongam	12'	6'	4.5CT	2.5" dbh	
PR4	5	Phoenix roebelinii	Pygmy Date Palm	4"				Triple Hd.
PR6	2	Phoenix roebelinii	Pygmy Date Palm	6"				Triple Hd.
PS	170	Philodendron sellowianum	Spilleaf Philodendron	3"	3"			Full
PT	255	Philodendron 'xanadu'	Xanadu Philodendron	24"	24"			Full
QV12	49	Quercus virginiana	*Live Oak	12'	6'	4.5CT	2" dbh	
RI	180	Raphiopholis indica	Indian Hawthorn	18"	24"			Full
ROY10	23	Roystonia elata	*Florida Royal Palm	10'	6'	6' GW		Full
ROY6	6	Roystonia elata	Flowers as Available					Full
SC	550	Seasonal Color	Flowers as Available	4'-6"				Full
SM12	31	Swietenia mahagonii	*West Indies Mahogany	12'	6'	4.5CT	2" dbh	
SP10	5	Sabal palmetto	*Cabbage Palm					10CT
SP12	6	Sabal palmetto	*Cabbage Palm					12CT
SP14	3	Sabal palmetto	*Cabbage Palm					14CT
SP16	15	Sabal palmetto	*Cabbage Palm					16CT
SP18	1	Sabal palmetto	*Cabbage Palm					18CT
SP20	14	Sabal palmetto	*Cabbage Palm					20CT
SV12	6	Syagrus romanzoffiana	Queen Palm					12 CT
SV14	16	Syagrus romanzoffiana	Queen Palm					14 CT
SV16	23	Syagrus romanzoffiana	Queen Palm					16 CT
SV18	6	Syagrus romanzoffiana	Queen Palm					18 CT
SY20	19	Syagrus romanzoffiana	Queen Palm					20 CT
VS	408	Viburnum suspensum	Sandackia Viburnum	24"	24"			Full
ZF	6	Zamia furfuracea	Cardboard Palm	24"	36"			Full

OTHER LANDSCAPE MATERIALS:  
 MULCH: Major or Bagged As needed  
 SOIL: Planting Soil (Cubic Yards) As needed  
 SOD: TO BE MEASURED IN FIELD LOCATION AS SHOWN ON PLAN & GENERAL SPECIFICATIONS

**CITY NOTES FOR ALL LANDSCAPE PLANS AND SPECIFICATIONS**

- ALL LANDSCAPE AND SPECIFICATION SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS PROVIDED IN THE CITY OF COCONUT CREEK LAND DEVELOPMENT CODE.
- ALL PLANTING MATERIAL SHALL MEET OR EXCEED FLORIDA GRADE #1 AS SPECIFIED IN GRASSES AND STANDARDS FOR NURSERY PLANTS AND PART 1. PALMS AND TREES. CURRENT EDITION. TREES TO BE INSTALLED SHALL NOT BE TIPPED, TOPPED OR SHAPED PRIOR TO INSTALLATION.
- LANDSCAPE SHALL BE PLACED TO EDGE OF ABUTTING STREETS, CANALS, LAKES OR OTHER LANDS.
- ALL MECHANICAL EQUIPMENT, AIR CONDITIONING, IRRIGATION PUMP STATIONS AND EQUIPMENT, PPL TRANSFORMERS, POOL PUMPS ETC. MUST BE SCREENED ON THREE (3) SIDES BY LANDSCAPE SHRUBS.

NOTE: THE QUANTITY OF SCREENING SHRUBS IS IN ADDITION TO THE REQUIRED NUMBER OF SHRUBS AS PROVIDED IN THE CODE CALCULATION TABLE. ALL SCREENING SHRUBS SHALL BE PLANTED FOR PROPER OPERATION OF EQUIPMENT BEING SCREENED UNLESS OTHERWISE SPECIFIED. ALL HEDGE MATERIAL REQUIRED FOR SCREENING PURPOSES SHALL BE PLANTED WITH BRANCHES TOUCHING. ADJUST ON CENTER SPACING AS NECESSARY AND/OR PROVIDE ADDITIONAL PLANTS TO PROVIDE AN ADEQUATE BERM.

- SITE DISTANCE CODES THAT MAINTAIN FOR CLEAR SIGHT VISIBILITY FROM THIRTY (30) INCHES TO FIFTY-TWO (52) INCHES. TREE TRUNKS EXCLUDED. MEASUREMENT SHALL BE MADE FROM TOP OF ROOT BALL PLANTED AT PROPER ELEVATION.
- GETTING/PLACING PRACTICES SHALL NOT PERMIT WALLS, BORDERS, UNRES. ETC. TO PENETRATE OUTER SURFACES OF TREES, PALMS OR OTHER PLANT MATERIAL. TREES, PALMS AND PLANT MATERIAL SUBJECT DUE TO THIS PRACTICE SHALL BE REPLACED WITH THE INSPECTOR ON SITE.
- BURIAL MATERIAL, WIRE CAGES, PLASTIC/CANVAS STRAPS, ETC. MUST BE CUT AND REMOVED FOR THE TOP ONE-HALF (1/2) DEPTH OF THE ROOT BALL. TREES AND SHRUBS GROWN IN GROW BAGS OR GROW BAGS TYPE MATERIAL MUST HAVE SUCH MATERIAL REMOVED ENTIRELY PRIOR TO PLANTING THE TREE OR SHRUB.
- ALL PLANT MATERIAL SHALL BE FREE OF PESTS, INSECTS, DISEASE, WEEDS, ETC.
- ALL PLANT MATERIAL SHALL BE PLANTED AT THE PROPER DEPTH. AS ORIGINALLY GROWN AND/OR SO THE TOP OF THE ROOT BALL IS FLUSH OR SLIGHTLY ABOVE FINISHED GRADE IMMEDIATELY AFTER PLANTING. ALL TREES SHOULD PROVIDE TRUNK TAPER WHEN PROPERLY PLANTED AT THE CORRECT PLANTING DEPTH.
- ALL PLANT MATERIAL SHALL BE WATERED AT THE TIME OF PLANTING TO ELIMINATE AIR POCKETS IN THE ROOT ZONE AREA.
- UPON COMPLETION OF WORK, THE SITE SHALL BE CLEARED OF ALL DEBRIS, SUPERFLUOUS MATERIALS, AND EQUIPMENT CAUSED BY THIS PERMIT TO THE SATISFACTION OF THE INSPECTOR.
- REFER TO COCONUT CREEK FIRE HYDRANT CLEAR ZONE DIAGRAM TO MAINTAIN A SAFE ZONE FRONTING FIRE HYDRANTS.
- DO NOT PLANT TREES, SHRUBS OR GROUND COVER PLANTS WITHIN ELECTRIC METERS CLEAR ZONE. PROVIDE A SAFE ZONE AS DESCRIBED BY THE ELECTRICAL INSPECTOR.
- ALL LANDSCAPED AREAS SHALL BE PROVIDED WITH AN UNDERGROUND FULLY AUTOMATIC IRRIGATION SYSTEM USING POP-UP SPRINKLERS. SYSTEM SHALL PROVIDE 100% COVERAGE WITH A 50% OVERLAP (MINIMUM) USING MUST FREE WATER. EXCEPT PRESERVED AREAS REMAINING IN NATURAL STATE. A RAIN SENSOR DEVICE OR SWITCH SHALL BE INSTALLED THAT WILL OVERRIDE THE IRRIGATION SYSTEM WHEN ADEQUATE RAINFALL HAS OCCURRED. WATER SHALL NOT BE DIRECTED ANCHOR PROVIDED INTO IMPERVIOUS SURFACES AND/OR BE DIRECTED OR INSTALLED THROUGH WATER OVER AN IMPERVIOUS SURFACE SUCH AS A ROOFTOP, ETC. HOURS OF OPERATION FOR ALL IRRIGATION SYSTEMS SHALL BE LIMITED TO 9:00 PM TO 6:00 AM ONLY OR AS MAY BE FURTHER RESTRICTED BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT OR OTHER JURISDICTIONAL AGENCY.
- IRRIGATION PERMITS AND PLANS SHALL BE SUBMITTED FOR APPROVAL AT THE TIME OF BUILDING PERMITS.
- ALL NON SINGLE FAMILY OR DUPLEX IRRIGATION SYSTEMS SHALL REQUIRE A SOUTH FLORIDA WATER MANAGEMENT DISTRICT WATER USE PERMIT PRIOR TO ISSUANCE OF AN IRRIGATION PERMIT AND INSTALLATION OF THE IRRIGATION SYSTEM AS REQUIRED.
- ALL SITE AMENITIES TO INCLUDE SITE STREET LIGHTS, LANDSCAPE COMMON OPEN SPACE, FURNITURE, BENCHES, LANDSCAPE ENTRY FEATURES, ETC. LEADING UP TO AND INCLUDING THE MODEL CENTER AND/OR FIRST CERTIFICATE OF OCCUPANCY, MUST BE COMPLETED AND FUNCTIONAL PRIOR TO ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY.
- THE HEIGHT OF ALL REQUIRED DESIGNED AND INSTALLED BERRINGS SHALL BE FROM THE HIGHEST ADJACENT POINT WHETHER IT IS THE SIDEWALK, PARKING AREA, VEHICULAR USE AREA, SURROUNDING GROUND, ETC. UNLESS A BERRY ABUTS A SIDEWALK, THERE SHALL BE ONE (1) FOOT OF LEVEL SOD AREA ADJACENT TO THE SIDEWALK PRIOR TO THE START OF INCLINE FOR THE BERRY.

**GENERAL SPECIFICATIONS**

- All plant materials shall be Florida No. 1 or better as set forth by the Florida Department of Agriculture, Grades and Standards for Nursery Plants, part 1 (current edition) and part 11 (current edition). All tree trunk calipers shall be measured at 1 1/2" above top of root ball.
- Landscaping shall be placed to edge of abutting streets, canals, lakes or other lands.
- Palms shall be planted so that all heads are clear of building walls and windows at mature spread.
- All Sabal Palms, Queen Palms, Washingtonia Palms, Phoenix varieties and all other single trunk, upright varieties with six foot (6') of clear trunk or greater shall be staked as detailed.
- All trees shall be planted so that heads will be clear of building walls and windows at mature spread. Trees shall not be located closer than twenty feet (20') from light poles.
- Locations of all trees planted in Rights-Of-Way or utility easements shall be confirmed by the landscape contractor with the City Engineer before installation.
- All trees and Palms shall be kept in an upright position. Under no circumstances shall any support method used employ the driving of nails or other mechanical devices of any kind into the bark of any tree or palm. Trees rejected due to this type of damage shall be replaced with the inspector on site. Buried material, wire cages, plastic straps, etc. must be cut and removed from the top one-half (1/2) of the root ball. Trees grown in "grow bag" type of materials must have the "grow bags" removed entirely prior to planting the tree.
- All major trees within or overhanging pedestrian areas shall have a clear trunk high enough to allow unobstructed pedestrian movement under trees.
- All hedges shall be planted with twelve inches (12") clear space between outer branches and building walls, fences or pavement edges at the time of planting. Required hedge plants shall be planted with branches touching, as required by municipal code. All mechanical equipment, air conditioning, irrigation pumps, FPL transformers, pool pumps, etc., must be screened on three (3) sides by shrubs.
- Irrigation source shall be from well by underground, automatic, rust free system with 100% coverage and a minimum of 50% overlap of spray. Irrigation rain sensor shall be installed. Irrigation water shall not be directed onto or over impervious surfaces. Irrigation systems shall operate and be designated to operate between the hours of 5:00 PM and 8:00 AM. Irrigation systems other than City water shall require a South Florida Water Management District water use permit prior to the issuance of the required irrigation permit from the City and/or the operation of the irrigation system. Approved irrigation permits shall be required from the City prior to installation.
- Planting soil shall be at least 50% mulch and 50% sand pulverized and weed free, to be mixed with existing soil free from rocks and debris and backfilled into plant pits by washing in. Planting soil for Sabal Palms shall be clean sand. Existing soil may be used for planting soil if approved by the Landscape Architect.
- Fertilizer for trees and shrubs shall be a general purpose 50% organic fertilizer (6-6-6) with minor elements, iron and manganese and shall be mixed with the planting soil at the time of backfilling. Fertilizer for palms shall be a palm special type to include manganese and magnesium sulfate. Application rates for all fertilizers at the time of planting shall be 1/2 the manufacturers recommendations for established plants.
- Mulch shall be shredded cypress, eucalyptus or florimulch grade "B" or better set at a 2" minimum depth and wet down to prevent wind displacement.
- Sod shall be Stenotaphrum secundatum "Floritan" solid sod, weed free and set with staggered joints. Sod shall be placed on all areas not used for buildings, vehicular use areas, walks or planting beds and shall extend to any abutting street pavement edge and to the mean waterline of any abutting canal, lake or waterway. Sod shall be placed no closer than two (2) feet from the trunk of any tree.
- Planting plans take precedence over plant lists. The Landscape Contractor shall be responsible for doing his own takeoff. The Landscape Contractor shall familiarize himself with the municipal code and deed restrictions of the City of Coconut Creek. All existing codes, specifications, and deed restrictions shall apply. All landscaping shall meet or exceed these minimum requirements as stated in the City of Coconut Creek Land Development Code. The more stringent requirements shall apply.
- The Landscape Contractor shall be aware of the locations of all easements and utilities above and below ground and coordinate plant locations before digging operations begin. All plant pits located in easements shall be hand dug.
- The Landscape Contractor shall provide a written guarantee to the Owner for all plant materials and workmanship for a period no less than ninety (90) days from the time of final inspection and acceptance by the Owner. At the end of the guarantee period, all plant materials shall be inspected by the Landscape Contractor and the Owner. All plants that are in a healthy, growing condition at the time of the inspection shall be free from further guarantee and shall be the Owners responsibility. All plants that are in questionable condition due to transplant shock shall continue under the guarantee until recovery or, if deemed severely retarded in growth or dead, shall be replaced. Replaced plant material shall be guaranteed for the same time period and under the same conditions as the original plant material. This guarantee does not apply if the plant materials have not been maintained by the Owner as instructed by the Landscape Contractor, are damaged by storms, vandalism, insect or freeze damage or acts of God beyond the Landscape Contractors control. All plants shall be free from harmful plant pests at the time of planting.
- Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two (72) inches, tree trunks excluded.
- All site amenities to include street and internal lighting, landscaped common areas, entrances, open space, irrigation, buffers, etc. leading to and including the first certificate of occupancy, must be completed and functional prior to the issuance of the requested certificate of occupancy.
- All common area landscape shall require permits from the City prior to installation.

DATE: FEB. 24, 2004  
 SCALE: 1"=30'  
 DRAWN BY: M.J.P.  
 CHECKED BY: M.J.P.  
 DESIGNED BY: M.J.P.  
 APPROVED BY: M.J.P.  
 MARCH 1, 2005

SHEET NO: L-2  
 OF TWO

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