

NOTES:

GENERAL PLANTING REQUIREMENTS

All sizes shown for plant material on the plans are to be considered Minimum. All plant material must meet or exceed these minimum requirements for both height and spread. Any other requirements for specific shade or effect as noted on the plan(s) will also be required for final acceptance.

All plant material furnished by the landscape contractor shall be Florida #1 or better as established by "Grades and Standards for Florida Nursery Plants" and "Grades and Standards for Florida Nursery Trees". All material shall be installed as per CSI specifications.

All plant material as included herein shall be warranted by the landscape contractor for a minimum period as follows: All trees and palms for 12 months, all shrubs, vines, groundcovers and miscellaneous planting materials for 90 days, and all lawn areas for 60 days after final acceptance by the owner or owner's representative.

All plant material shall be planted in planting soil that is delivered to the site in a clean loose and friable condition. All soil shall have a well drained characteristic. Soil must be free of all rocks, sticks, and objectionable material including weeds and weed seeds as per CSI specifications.

Twelve inches (12") of planting soil 50/50 sand/topsoil mix is required around and beneath the root ball of all trees and palms, and 1 cubic yard per 50 bedding or groundcover plants.

All landscape areas shall be covered with Eucalyptus or sterilized seed free Melaleuca mulch to a minimum depth of three inches (3") of cover when settled. Cypress bark mulch shall not be used.

All plant material shall be thoroughly watered in at the time of planting; no dry planting permitted. All plant materials shall be planted such that the top of the plant ball is flush with the surrounding grade.

All landscape and lawn areas shall be irrigated by a fully automatic sprinkler system adjusted to provide 100% coverage of all landscape areas. All heads shall be adjusted to 100% overlap as per manufacturers specifications and performance standards utilizing a zero water source. Each system shall be installed with a rain sensor.

It is the sole responsibility of the landscape contractor to insure that all new plantings receive adequate water during the installation and during all plant warranty periods. Deep watering of all new trees and palms and any supplemental watering that may be required to augment natural rainfall and site irrigation is mandatory to insure proper plant development and shall be provided as a part of this contract.

All plant material shall be installed with fertilizer, which shall be State approved as a complete fertilizer containing the required minimum of trace elements in addition to N-P-K, of which 50% of the nitrogen shall be derived from an organic source as per CSI specifications.

Contractors are responsible for coordinating with the owners and appropriate public agencies to assist in locating and verifying all underground utilities prior to excavation.

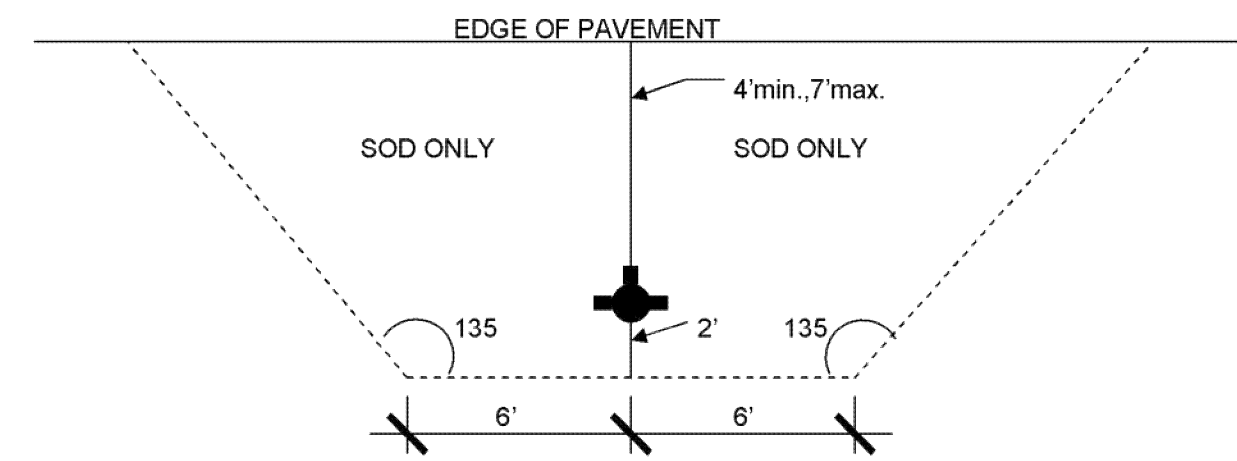
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The plan takes precedence over the plant list.

SPECIAL INSTRUCTIONS

General site and berm grading to +/- 1 inch (1") shall be provided by the general contractor. All finished site grading and final decorative berm shaping shall be provided by the landscape contractor.

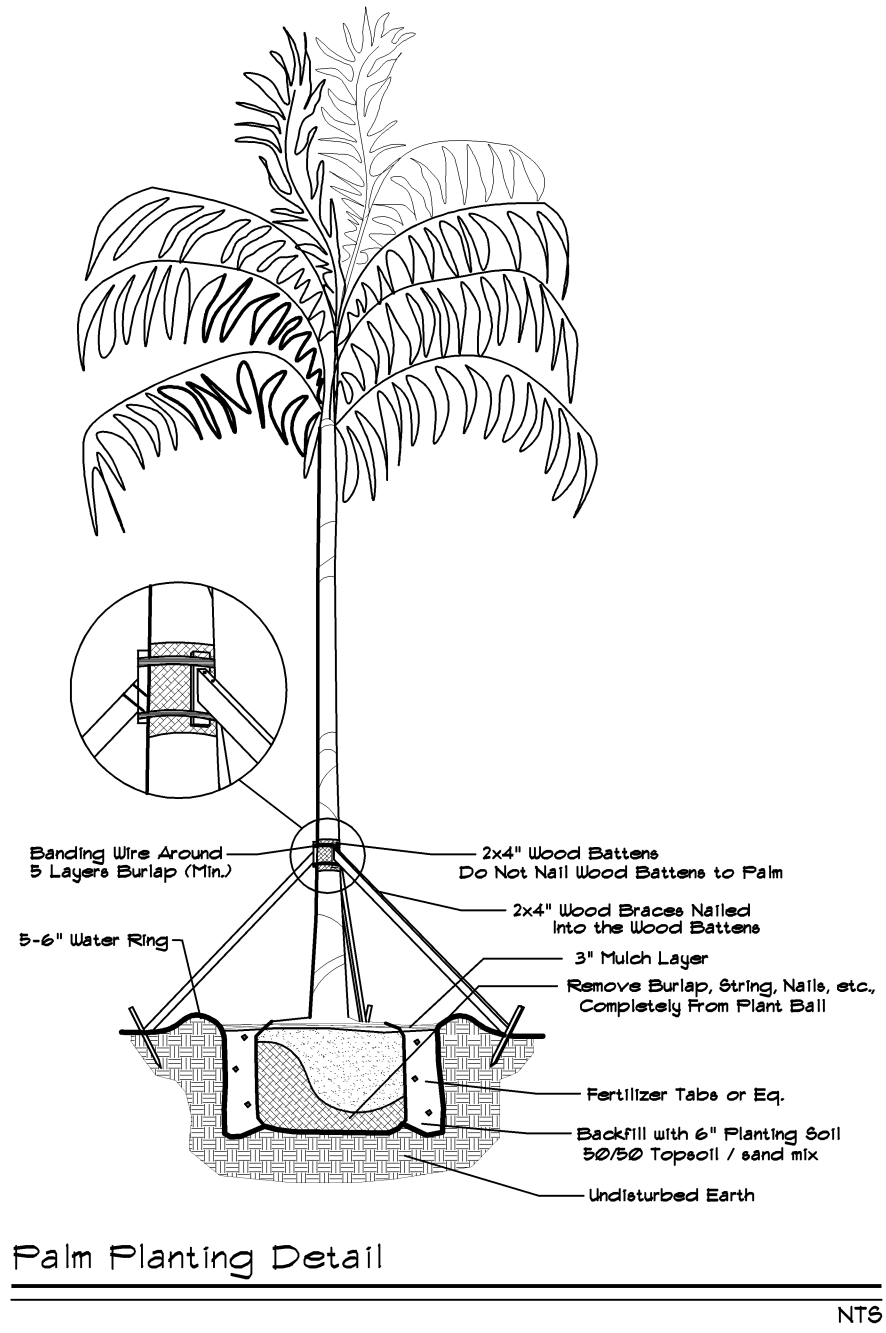
All sod areas as indicated on the planting plan shall receive Stenotaphrum secundatum, St. Augustine 'Palmetto' solid sod. It shall be the responsibility of the landscape contractor to include in the bid, the repair of any sod which may be damaged from the landscape installation operations.



FIRE HYDRANT CLEAR ZONE

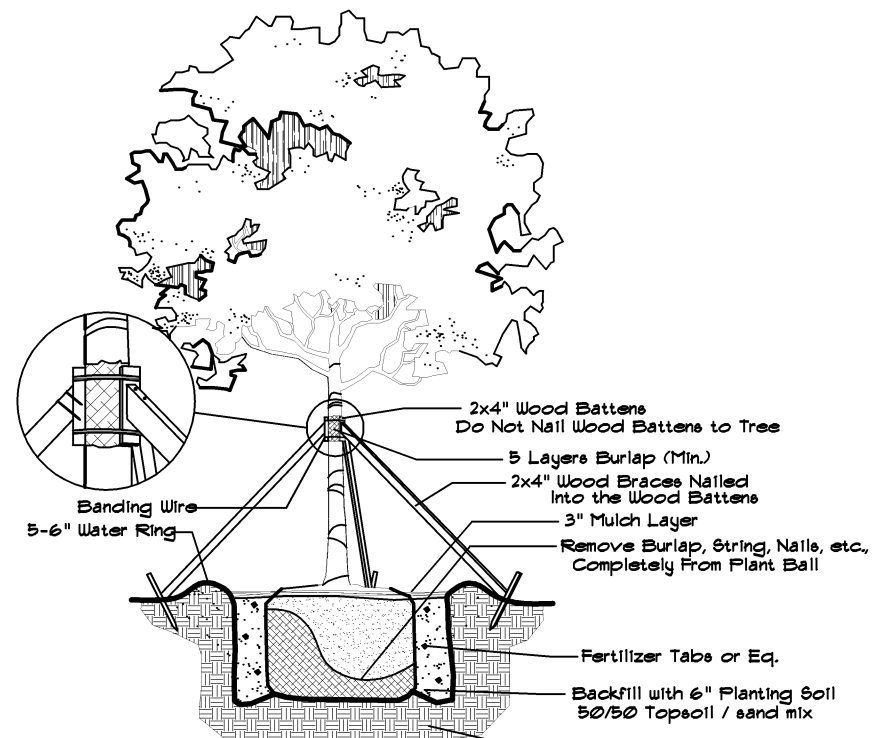
CITY OF COCONUT CREEK STANDARD LANDSCAPE NOTES

- All landscape and specifications shall meet or exceed the minimum requirements as provided in the City of Coconut Creek Land Development Code. Plans are incomplete without written notes and specifications.
- All planting material shall meet or exceed Florida Grade #1 as specified in Grades and Standards for Nursery Plants, current edition. Trees 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, FPL 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 and/or per the requirements of the utility as necessary. 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 screen.
- Sight distance concerns must be maintained for clear sight visibility from thirty (30) inches to seventy-two inches, tree trunks excluded. Measurement shall be made from top of root ball planted at proper elevation.
- Guying/staking practices shall not permit nails, screws, wires, etc., to penetrate outer surfaces of trees, palms or other plant material. Trees, palms and plant material rejected due to this practice shall be replaced with the inspector on site.
- Buttap 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 bag 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 required landscape material shall be installed using a planting soil mix comprised of a type appropriate to the individual proposed plant material and the native soil found on the site.
- 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 in at time of planting to eliminate air pockets in the root zone area.
- Color-treated or dyed mulch will not be accepted.
- 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 Equipment Clear Zone diagram to maintain a safe zone fronting fire hydrants.
- Do not plant trees, shrubs or groundcover within Electric Meter 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 rust 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 and/or provided onto impervious surfaces and/or be designed or installed to throw water over an impervious surface such as a sidewalk, etc. Hours of operation for all irrigation systems shall be limited to 5:00 p.m. to 8:00 a.m. 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 time of building permits.
- All non-single family or duplex irrigation systems other than City water 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, irrigation common open space, buffers, berms, 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 berms shall be from the highest adjacent point whether it is the sidewalk, parking area, vehicular use area, surrounding ground, etc. Where a berm abuts a sidewalk, there shall be a one (1) foot level sod area adjacent to the sidewalk prior to the start of incline for the berm.
- An inspection is required prior to the backfilling of trees/palms in all parking medians and islands.



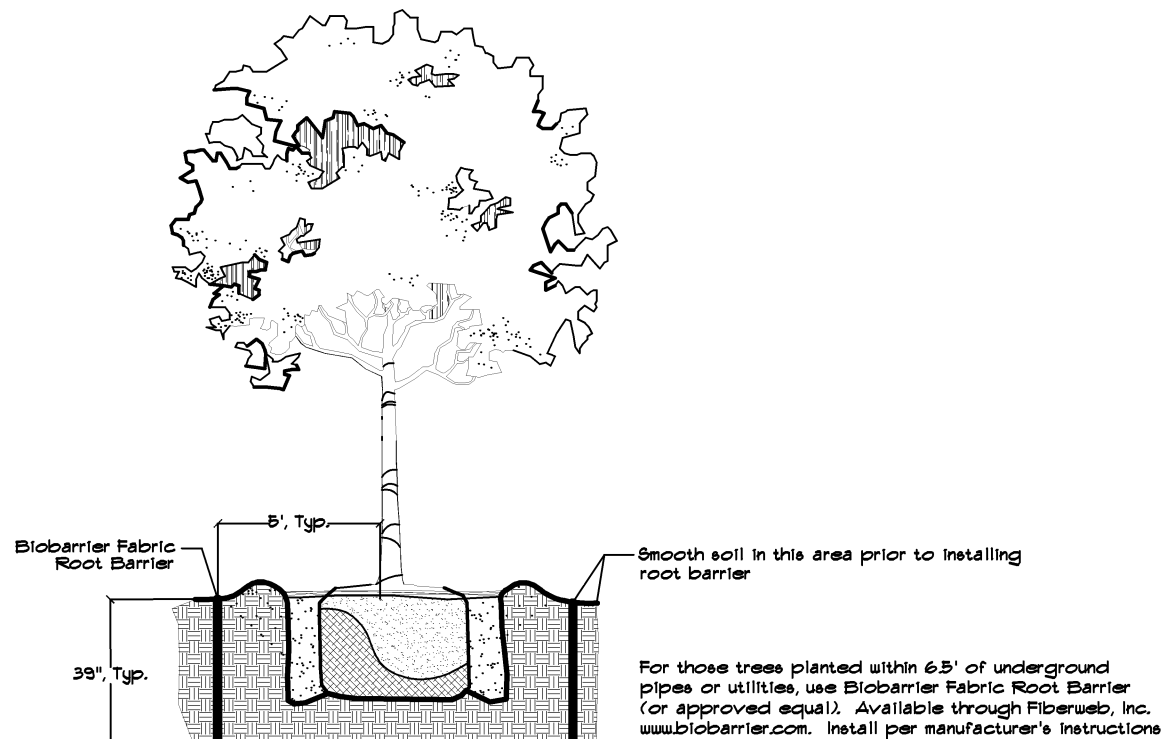
Palm Planting Detail

NTS



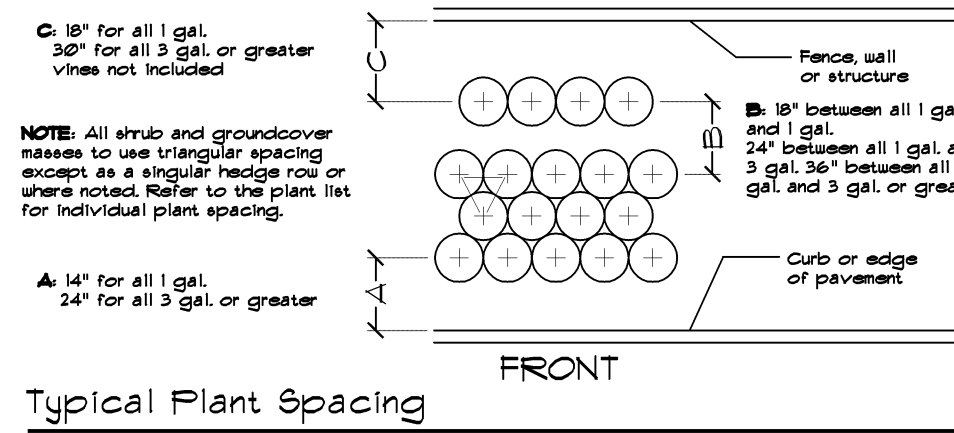
Large Tree Planting Detail

NTS

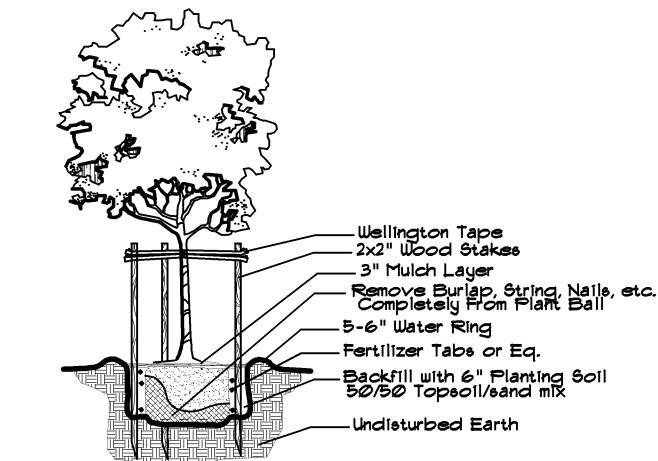


Fabric Root Barrier Detail

NTS



Typical Plant Spacing



Small Tree Planting Detail

NTS

PLANT LIST

Trees & Palms

Code	Native	Drought	Qty.	Botanical Name / Common Name	Specifications
BS	(N)	V	45	Bursera simaruba / Gumbo Limbo	B&B Field Grown, 12' ht, 5'-6" spr, 2" DBH, single straight leader.
BSM	(N)	V	4	Bursera simaruba / Gumbo Limbo	B&B Field Grown, 12' ht, 5'-6" spr, 4" DBH, single straight leader, USED AS MITIGATION TREE
BSR	(N)	V	3	Bursera simaruba / Gumbo Limbo	Relocated Gumbo Limbo Tree - See Tree Survey for Original Location
CB	M	7		Calophyllum brasiliense / Brazilian Beautyleaf	B&B Field Grown, 12' ht, 5'-6" spr, 2" DBH, single straight leader.
CD	(N)	V	10	Coccoloba diversifolia / Pigeon Plum	B&B Field Grown, 12' ht, 5'-6" spr, 2" DBH, single straight leader.
CF	V	2		Cassia fistula / Golden Shower	B&B Field Grown, 12' OA, 2" DBH, single straight leader
CN	V	24		Cocos nucifera 'Maypan' / Maypan Coconut Palm	B&B Field Grown, 8-12' GW, Staggered Heights, Single Straight Trunks, Heavy
CnC	V	6		Cocos nucifera 'Maypan' / Maypan Coconut Palm	B&B Field Grown, 8-12' GW, Curved Trunks
CO	(N)	V	33	Chrysothamnus olivifolius / Satinleaf	B&B Field Grown, 10-12' ht, 5'-6" spr, 2" DBH, single straight leader.
CW	V	27		Cordia alliodora / White Geger	30 Gallon, 6-10' OA, 1.5" DBH, single straight leader.
CWI	V	1		Cordia alliodora / White Geger	B&B Field Grown, 10-12' OA, 4" spr, 2" DBH, single straight leader.
ED	M	38		Elicia decipiens / Japanese Blueberry	B&B Field Grown, 10' ht, 5" spr, 2" DBH, single straight leader.
IA	(N)	V	22	Ilex x attenuata / East Palatka Holly	B&B Field Grown, 12' ht 5'-6" spr, 2" DBH, single straight leader.
LJ	V	28		Ligustrum japonicum / Tree Ligustrum	B&B Field Grown, 8' OA, Multi-Trunk
LJ	V	10		Lagerstroemia indica 'Muskeges' / Lavender Grape Myrtle	B&B Field Grown, 12' ht, 5" spr, 2" DBH, single straight leader.
LW	(N)	V	5	Lysiloma sabicu 'Weeping' / Weeping Tamarind	B&B Field Grown, 12' ht 5'-6" spr, 2" DBH, single straight leader.
PC	V	2		Phoenix canariensis x sylvestris / Canary Sylvester Hybrid Date Palm	B&B Field Grown, 24' OA, 14" CT (Not Included), Specimen
PE	V	148		Phoenix canariensis x sylvestris / Canary Sylvester Hybrid Date Palm	B&B Field Grown, 10-12' OA, 12" CT Staggered Heights, Single Trunk
PEd	V	1		Phoenix canariensis x sylvestris / Canary Sylvester Hybrid Date Palm	B&B Field Grown, 10' CT, 12" CT, Triple Trunk
PES	V	56		Phoenix canariensis x sylvestris / Canary Sylvester Hybrid Date Palm	10 Gallon, 10-12' OA, Single Trunk
PEI	V	10		Phoenix canariensis x sylvestris / Canary Sylvester Hybrid Date Palm	B&B Field Grown, 8', 10', 12' CT, Triple Trunk
PR	V	2		Phoenix roebelenii / Pygmy Date Palm	B&B Field Grown, 16' OA, 18' spr, 10 Trunk Minimum - Full Selected Clump
PS	V	13		Phoenix sylvestris / Sylvester Date Palm	B&B Field Grown, 7' OA, Double
QV	(N)	V	33	Quercus virginiana / Live Oak	45 Gallon, 12' ht, 5'-6" spr, 2" DBH, single straight leader.
QVn	(N)	V	2	Quercus virginiana / Live Oak	45 Gallon, 12' ht, 5'-6" spr, 4" DBH, single straight leader, USED AS MITIGATION TREE
QVn	(N)	V	2	Quercus virginiana / Live Oak	Quercus virginiana Relocated - See Tree Survey for Original Location
RE	(N)	M	69	Roystonea elata / Florida Royal Palm	B&B Field Grown, 10' GW Place per Plan
SP	(N)	V	139	Sabal palmetto / Cabbage Palm	B&B Field Grown, 6' Min. to 20' CT, Staggered Heights*
SS	M	34		Senna surratensis / Glaucous Cassia	B&B Field Grown, 10' ht, 5'-6" spr, 2" DBH, single straight leader.
SSP	(N)	V	5	Sabal palmetto / Cabbage Palm	Relocated Sabal Palm - See Tree Survey for Original Location
SS1	M	14		Senna surratensis / Glaucous Cassia	B&B Field Grown, 12' ht, 5'-6" spr, 2" DBH, single straight leader.
TA	(N)	V	9	Taxodium ascendens / Pond Cypress	B&B Field Grown, 10-12' OA, 4.5" spr, 2" DBH, single straight leader.
TD	(N)	V	28	Taxodium distichum / Bald Cypress	25 Gallon, 10-12' OA, 2" DBH, single straight leader.
TDn	(N)	V	13	Taxodium distichum / Bald Cypress	25 Gallon, 10-12' OA, 4" DBH, single straight leader, USED AS MITIGATION TREE
TM	(N)	V	6	Thrinax morrisii / Key Thatch Palm	25 Gallon, 6-7' OA, Single Trunk, Full
TM	(N)	V	1	Thrinax morrisii / Key Thatch Palm	25 Gallon, 6-7' OA, Triple Trunk
TR	(N)	V	7	Thrinax radiata / Florida Thatch Palm	B&B Field Grown, 6' OA, Triple Trunk
VW	V	12		Veitchia winnii / Winn Palm	B&B Field Grown, 12-15' OA, Single Trunk, Staggered OA Heights
VW	V	35		Veitchia winnii / Winn Palm	B&B Field Grown, 12-15' OA, Triple Trunk
WR	V	6		Washingtonia robusta / Washington Palm	B&B Field Grown, 12-18' OA, Staggered Heights

NOTE: A total of 12 Sabal Palms are under the code minimum 8' C.T. and not counted towards site landscape requirements.

Shrubs and Ground Covers

Code	Native	Drought	Qty.	Botanical Name / Common Name	Specifications
ABO	V	8		Aechmea blanchetiana / Giant Orange Bromeliad	3 Gal, 18-24" OA, per Plan
ABM	V	25		Aechmea blanchetiana 'Malva' / Giant Purple Bromeliad	3 Gallon, 20-24" OA Height, per Plan
ACD	V	108		Allamanda cathartica 'Hendersonii Dwarf' / Dwarf Yellow Allamanda	3 Gallon, 18-24" OA, 24" On Center
ADM	V	28		Asparagus densiflorus 'Myers' / Foxtail Fern	1 Gallon, 12-14" OA, 18" On Center
ANS	L	225		Annuals / Seasonal Color	4" Pot, 10-12" H
AWM	M	16		Acalypha wilkesiana / Copperleaf	3 Gallon, 20-30" OA, 24" On Center
BDR	V	636		Bougainvillea 'Dwarf Red' / Dwarf Red Bougainvillea	3 Gallon, 12-18" OA, 24" On Center
BPY	M	12		Brunfelsia pauciflora / Yesterday Today Tomorrow	7 Gallon, 4" OA, Placed per Plan
BRS	V	4		Bougainvillea 'Red' / Red Bougainvillea Vine	7 Gallon, 4" Runners
CAP	(N)	M	166	Crinum x amabile 'Purple Leaf' / Purple Leaf Crinum	7 Gallon, 36" OA, per Plan
CAW	(N)	M	46	Crinum x amabile / Giant Spider Lily	3 Gallon, 30-36" OA, Placed per Plan
CCJ	(N)	V	150	Capparis cynophallophora / Jamaica Caper	7 Gallon, 36-42" H, per Plan
CEH	(N)	V	69	Conocarpus erectus 'Savonius' / Silver Buttonwood	3 Gallon, 30" OA, 24" On Center
CFB	M	66		Cordyline fruticosa 'Black Magic' / Black TI Plant	3 Gallon, 24-36" OA, per Plan
CFY	(N)	M	286	Canna flaccida / Yellow Canna Lily	Bare Root, 2" On Center
CGM	(N)	V	93	Cissia guttiferia / Small Leaf Cissia	7 Gallon, 30-36" OA, 36" On Center
CGL	(N)	V	69	Cissia guttiferia / Small Leaf Cissia	10 Gallon, 36-48" OA, Placed per Plan
CGS	(N)	V	1230	Cissia guttiferia / Small Leaf Cissia	3 Gallon, 30-36" OA Height, 24" On Center
CIR	(N)	V	2006	Chrysobalanus icaco 'Red Tip' / Cocoplum	3 Gallon, 22-28" OA Height, 24" On Center
CMD	V	299		Carissa macrocarpa 'Emerald Blanket' / Dwarf Natal Plum	3 Gallon, 16-18" Min. OA Height, 24" On Center
CSI	V	16		Cyperus sempervirens / Italian Cypress	30 Gallon, 18-24" OA, Placed per Plan
CVM	V	155		Codiaeum variegatum 'Mammey' / Croton	3 Gallon, 14-20" OA, 24" On Center
CVP	V	266		Codiaeum variegatum 'Petra' / Croton	3 Gallon, 12-24" OA, 24" On Center
CVS	V	32		Codiaeum variegatum 'Sloppy Painter' / Strap Leaf Croton	3 Gallon, 16-18" OA, 24" On Center
DEG	(N)	V	2073	Duranta erecta 'Gold Mound' / Gold Mound Duranta	3 Gallon, 12-18" OA, 24" On Center
DSG	V	1		Dioon spinaeum / Dioon	7 Gallon, 30" OA, Place per Plan
DTB	V	520		Dianella tasmanica / Blueberry Flax Lily	1 Gallon, 16-18" OA, 18" On Center
EDJ	M	2		Elaeagnus argentea / Japanese Blueberry	30 Gallon, 8-10' OA, Full to Base, Cone
EDS	V	1		Elaeagnus argentea / Japanese Blueberry	15 Gallon, 5-6' OA, Full to Base
EMD	(N)	V	455	Euphorbia milii / Dwarf Crown of Thorns	1 Gallon, 6-10" Height, 18" On Center
FFG	V	16		Furcraea foetida / Giant False Agave	3 Gallon, 24" OA, per Plan
FMG	V	3719		Ficus microcarpa / Green Island Ficus	3 Gallon, 12-18" OA, 24" On Center
HLS	(N)	M	486	Hymenocallis latifolia / Spider Lily	3 Gallon, 16-18" OA, 24" On Center
HPD	(N)	V	293	Hamelia patens 'Compacta' / Dwarf Fire Bush	3 Gallon, 16-20" OA, 24" On Center
HPF	(N)	V	254	Hamelia patens / Firebush	3 Gallon, 24-30" OA, 36" On Center
HSP	M	18		Hibiscus r. sinensis 'Pink' / Pink Hibiscus Standard	7 Gallon, 5-6' OA, Standard
HSR	L	8		Hibiscus r. sinensis 'Red Standard' / Red Tree Hibiscus	7 Gallon, 5-6' OA, Place per Plan
HSS	L	17		Hibiscus r. sinensis 'Snow Queen' Standard / Tree Hibiscus	7 Gallon, 5-6' OA, Place per Plan
ICM	M	68		Ixora 'Petite' / Red Taiwan Dwarf Ixora	3 Gallon, 16-20" OA, 24" On Center
IES	(N)	M	726	Iris hexagona savannum / Blue Flag Iris	Bare Root, 2" On Center
IVD	(N)	V	5424	Ilex vomitoria 'Schilling's Dwarf' / Dwarf Ilex Holly	3 Gallon, 8-12" OA, 24" On Center
JIP	V	1		Jatropha integerrima 'Peregina' / Peregina Jatropha	7 Gallon, 4-5' Ht., Standard
JVM	M	272		Jasminum volubile / Wax Jasmine	3 Gallon, 18" OA, 24" On Center
LMP	(N)	V	1905	Lantana montevidensis 'Purple Trailing' / Purple Trailing Lantana	1 Gallon, 8"-10" OA, 18" On Center
MCM	(N)	V	147	Muhlenbergia capillaris / Muhly Grass	3 Gallon, 20-24" OA, 24" On Center
NEM	(N)	L	286	Nepenthes bicalcarata / Pitcher Plant	3 Gallon, Full, 20-24" On Center
NSO	M	64		Neoregelia spectabilis 'Fireball' / Fireball Bromeliad	1 Gallon, 6-10" OA Height, 18" On Center
NST	M	52		Neoregelia spectabilis 'Tequila' / Dwarf Tequila Bromeliad	1 Gallon, 6-8" OA Height, 18" On Center
OJM	M	1242		Ophiopogon japonicum 'Nana' / Mini Mondo Grass	4" Pot, 4" OA Height, 4-5" Spread, 6" On Center
PAB	V	218		Plumbago auriculata 'Imperial Blue' / Blue Plumbago	3 Gallon, 20-30" OA, 24" On Center
PCP	M	472		Pontederia cordata / Pickerel Weed	Bare Root, 24" On Center
PMC	M	49		Podocarpus macrophyllus / Podocarpus	15 Gallon, 5-6' OA, Full to Base, Placed per Plan
PM3	M	98		Podocarpus macrophyllus 'Maki' / Maki Podocarpus	30 Gallon, 6-7' OA Height, 24" On Center, Full to base
PM7	M	1109		Podocarpus macrophyllus / Podocarpus	3 Gallon, 30-32" OA, Hedge Material, 24" On Center
PMH	M	16		Podocarpus macrophyllus / Podocarpus	7 Gallon, 36-40" OA, Hedge Material, 24" On Center
PMP	M	244		Podocarpus macrophyllus 'Pringles' / Dwarf Podocarpus	3 Gallon, 16-24" OA, 24" On Center
PNW	(N)	M	653	Psychotria nervosa / Wild Coffee	3 Gallon, 20-24" OA, 24" On Center
PV	(N)	M	1	Peperomia obtusifolia / Green Peperomia	1 Gallon, 10-12" OA, 18" On Center
PTG	(N)	V	70	Pittosporum tobira / Green Pittosporum	3 Gallon, 20-24" OA, 24" On Center
PTV	V	74		Pittosporum tobira 'Variegata' / Variegated Pittosporum	3 Gallon, 20-24" OA, 24" On Center
RD	M	355		Raphiolepis indica 'Ibal' / White Indian Hawthorn	3 Gallon, 12-18" OA, 18" On Center
SAT	V	362		Schefflera arboricola 'Trinette' / Variegated Arboicola	3 Gallon, 24" OA, 24" On Center
SBS	(N)	V	86	Spartina bakeri / Sand Congrass	3 Gallon, 24-30" OA, 36" On Center
SBD	(N)	V	104	Sabal minor / Dwarf Palmetto	3 Gallon, 20-24" OA, 36" On Center
SLD	(N)	M	271	Sagittaria bifolia / Duck Potato	Bare Root, 24" On Center
SGC	(N)	V	968	Schefflera arboricola 'Gold Capella' / Gold Capella Arboicola	3 Gallon, 24" OA, 24" On Center
SPC	V	8		Syzygium paniculatum 'Myrtifolia Globulus' / Eugenia	3 Gallon, 24-36" OA, Full, Single Globe on Ground
SPT	V	2		Syzygium paniculatum 'Globulus' / Eugenia	15 Gallon, 5-6' OA, Full to Ground, Cone
SRO	V	37		Streitzia reginae / Orange Bird of Paradise	7 Gallon, 24-30" OA, Placed per Plan
SRS	(N)	V	90	Serenia repens 'Cineris' / Silver Saw Palmetto	3 Gallon, 20-24" OA Height, 36" On Center
SSG	(N)	M	496	Scirpus spp. / Giant Bulrush	Bare Root, 24" On Center
STB	V	1482		Sansevieria trifasciata 'Black Gold' / Snake Plant	1 Gallon, 16-18" OA Height, 18" On Center
STV	V	56		Sansevieria trifasciata 'Laurentii' / Variegated Snake Plant	1 Gallon, 16-18" OA Height, 18" On Center
TD	V	7		Tibouchina urvilleana / Purple Glory Tree	7 Gallon, 4" OA, Standard
TFD	(N)	V	541	Tripsacum dactyloides / Fakahatchee Grass	3 Gallon, 24-30" OA, 36" On Center
TFD	(N)	V	187	Tripsacum floridanum / Dwarf Fakahatchee Grass	3 Gallon, 16-24" OA, 24" On Center
TJC	M	4		Trachelospermum jasminoides / Confederate Jasmine	3 Gallon, 24-30" Runners, Trellis Grown, Staked to Trellis
VOA	M	89		Viburnum odoratissimum 'Awabuki' / Awabuki Viburnum	7 Gallon, 30-36" OA, Placed per Plan
VSS	M	42		Viburnum suspensum / Sandankwa Viburnum	3 Gallon, 30-36" OA, 24" On Center
ZFC	(N)	V	44	Zamia furfuracea / Cardboard Palm	7 Gallon, 20x30" OA, Placed per Plan
ZMC	(N)	V	49	Zamia pumila / Coonile	7 Gallon, 30-36" OA Clumps, Specimen, Placed per Plan

MISCELLANEOUS

SOD sq. ft. M

SOIL as needed

(N)