

Plant Material List

QTY	SYM	BOTANICAL NAME	COMMON NAME	SPECIFICATION	NATIVE
15	AA	Archontophoenix alexandrae	King Alexander Palm	12' g.w., 16' o.a. ht., matched	
19	AEC	Aechmea blanchetiana	Bromeliad spp.	15 gal. 2'-3' o.a. ht. full	
3	BB	Bauhinia blakeana	Hong Kong Orchid	14' o.a. ht. 6' spr. 3' min. caliper	
19	CAT	Chamaedorea catactaratum	Cat Palm	5' o.a. ht. full to base	
9	CE	Conocarpus erectus ser.	Silver Buttonwood	8' o.a. ht. 4'-5' spr. 2" cal.	Y
545	CI	Chrysobalanus icaco	Red Tip Cocoplum	7 gal. 24" ht. 24" spr. 24" o.c. install with leaves touching	Y
161	CLU	Clusia guttifera	Clusia Hedge	7 gal. 24" ht. 24" spr. 24" o.c. install with leaves touching	Y
13	CO	Chrysophyllum oliviforme	Satin Leaf	16'ht., 7' spr. 4' ct 6"caliper	Y
120	FEI	Ficus microcarpa	Green Island Ficus	3 gal. 18" ht. 18" spr. 18" o.c.	
12	FOE	Fucrea foetida	False Agave	7 gal. 24" ht. 15" spr.	
18	IA	Ilex Cassine	Dahoon Holly	12' o.a. ht. 6' spr. 3" cal.	Y
420	HP	Hamelia patens	Fire Bush	7 gal. 24" ht. 24" spr. 24" o.c. install with leaves touching	Y
935	JUN	Juniperus chinensis	Juniper	3 gal. 12" ht. 12" spr. 18" o.c.	
325	JV	Jasmine volubile	Wax Jasmine	3 gal. 18" ht. 18" spr. 18" o.c.	
160	LAN	Lantana "New Gold"	Yellow Lantana	1 gal. 12" ht. 12" spr. 12" o.c. full plant	
190	LAN2	Lantana montevidensis	Purple Lantana	1 gal. 12" ht. 12" spr. 12" o.c. full plant	
13	MG	Magnolia grandiflora	Southern Magnolia	14' o.a. ht. 6' spr. 3' min. caliper	
26	QV	Quercus virginiana	Live Oak	16'ht., 7' spr. 4' ct 6"caliper	Y
6	RE	Roystonia elata	Florida Royal Palm	G.W. as noted on plan	Y
520	RI	Raphiolepis indica	Indian Hawthorn	3 gal. 18" ht. 18" spr. 18" o.c.	
	SOD	Stenotaphrum secundatum	St. Augustine "Floriam"	Solid staggered weed free sod	
18	SPB	Sabal Palmetto	Booted Sabal Palm	14', 16', 18" staggered o.a. ht. No hurricane cut	Y
370	TRI	Tripsacum floridana	Dwarf Fakahatchee grass	7 gal 24"ht,24"o.c.24"spr.Install with plants touching	Y

Landscape Data Table

B3 ZONING LANDSCAPE DATA TABLE		
OVERALL SITE		
REQUIRED	PROVIDED	
1 Tree / 1000 SF = 26	26 Trees	
5 Shrubs / 1000 SF = 128	>200 Shrubs	
BUILDING PERIMETER		
REQUIRED	PROVIDED	
1 Tree / 40' = 12	12 Trees	
20 Shrubs / 40' = 227	>300 Shrubs	
30 G.C. / 40' = 341	>400 G.C.	
SITE PERIMETER		
REQUIRED	PROVIDED	
13,870 / 1000 = 14 Trees	31 Trees	
Continuous Hedge	Continuous Hedge 18" spr. Leaves touching	
13,870/1000x40= 280 Shrubs	600 Shrubs	
STREET TREES		
REQUIRED	PROVIDED	
1/30' State Rd 7 = 9	9	
Perimeter 1/40' = 12	12	
PARKING ISLANDS		
REQUIRED	PROVIDED	
14 Island = 14 Trees	16 Palms = 5 Trees + 15 Trees = 20	
SPECIES DIVERSIFICATION TABLE		
REQUIRED	PROVIDED	
TOTAL TREES REQUIRED = 78	18 Dahoon Holly = 23%	
	158 Red Tip Cocoplum = 25%	
TOTAL SHRUBS REQUIRED = 635	13 Magnolia = 16.6%	
	158 Clusia = 25%	
	13 Satin Leaf = 16.6%	
	158 Juniper = 25%	
	3 Hong Kong Orchid = 3.5%	
	158 Dwf. Fakahatchee = 25%	
	19 Live Oak = 24.3%	
	6 Royal Palm = 7.5%	
	18 Sabal Palm = 6 Trees = 7.5%	
VUA LANDSCAPE AREA		
REQUIRED	PROVIDED	
VUA AREA = 20,600 S.F.	VUA Landscape Area req. = 206 S.F. Plus 206 S.F.	
Note: 8 additional perimeter trees count towards overall site tree requirements and parking lot tree requirement		
Note: 9 additional Bldg. perimeter trees count towards overall site tree requirement and parking lot tree requirement		

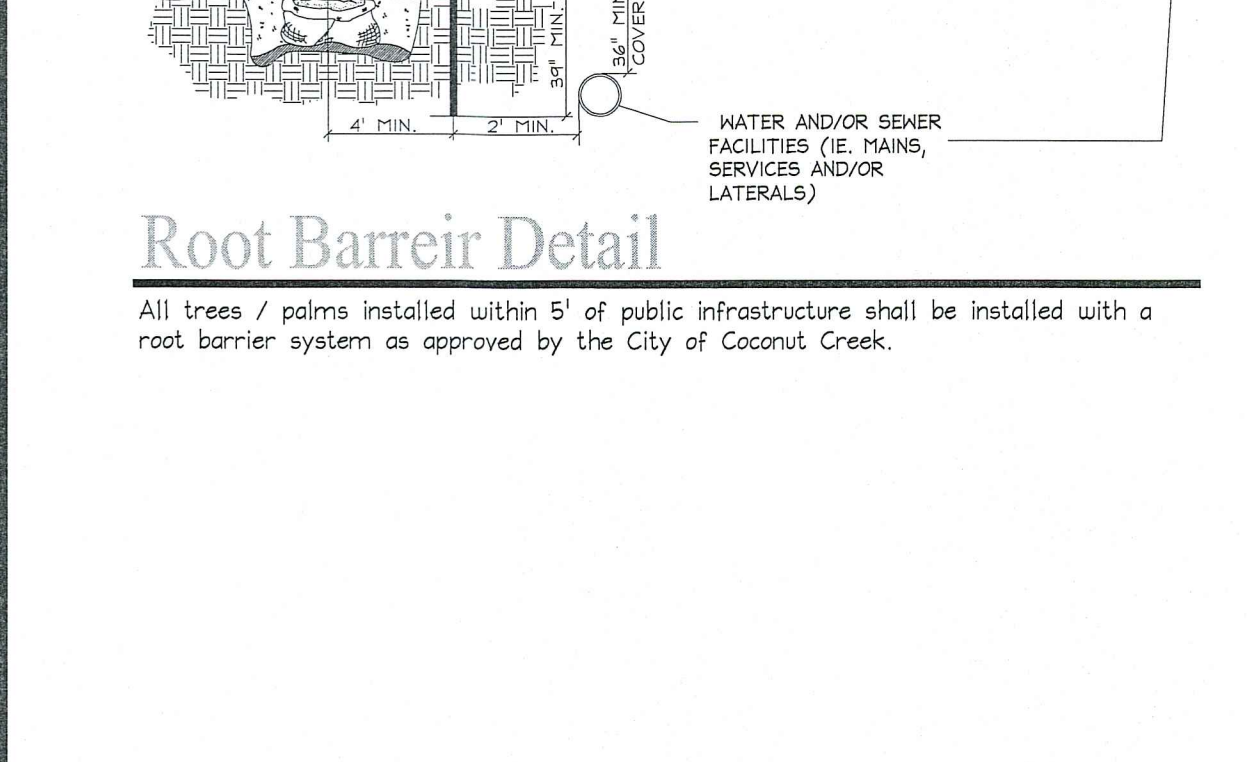
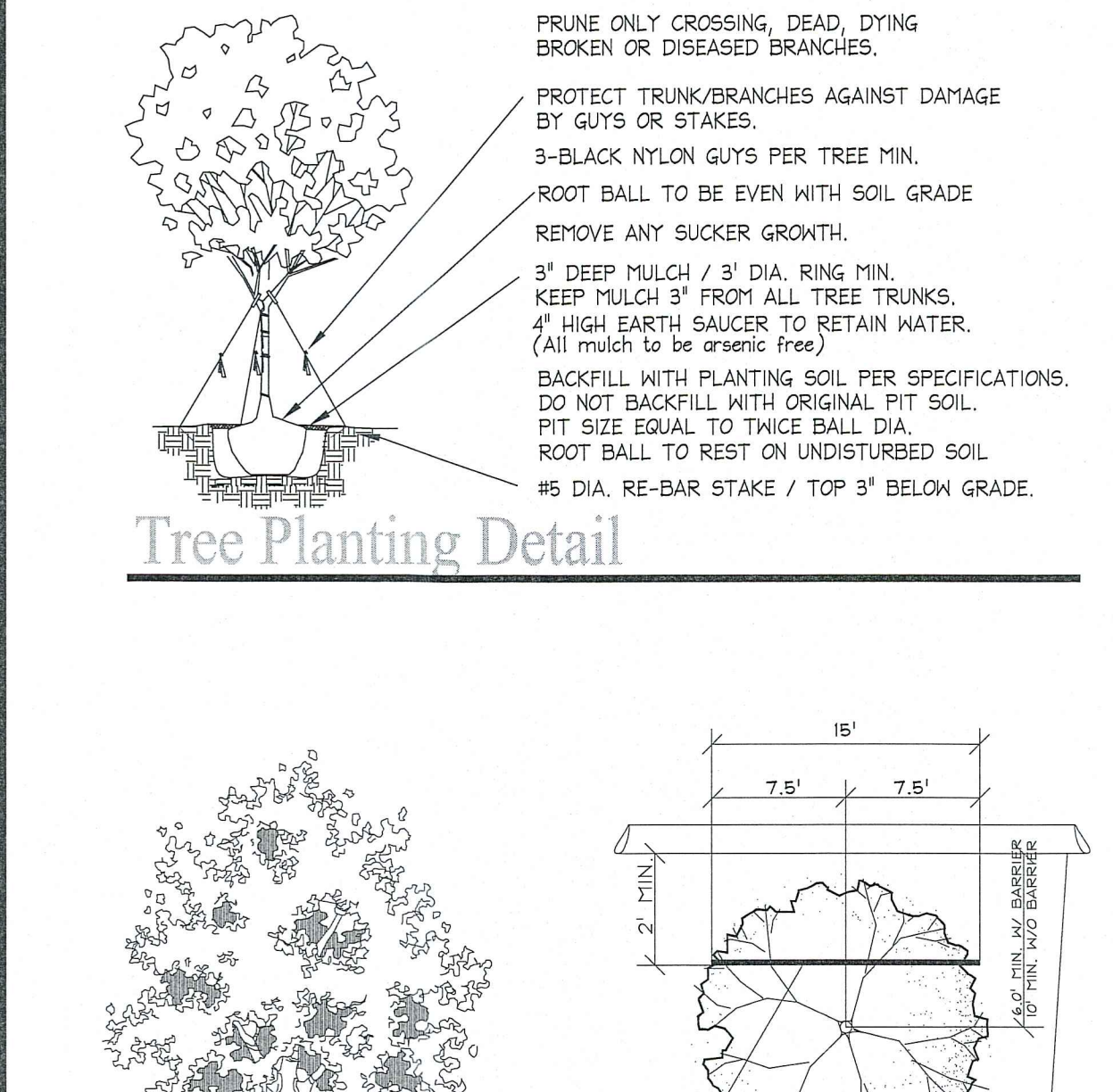
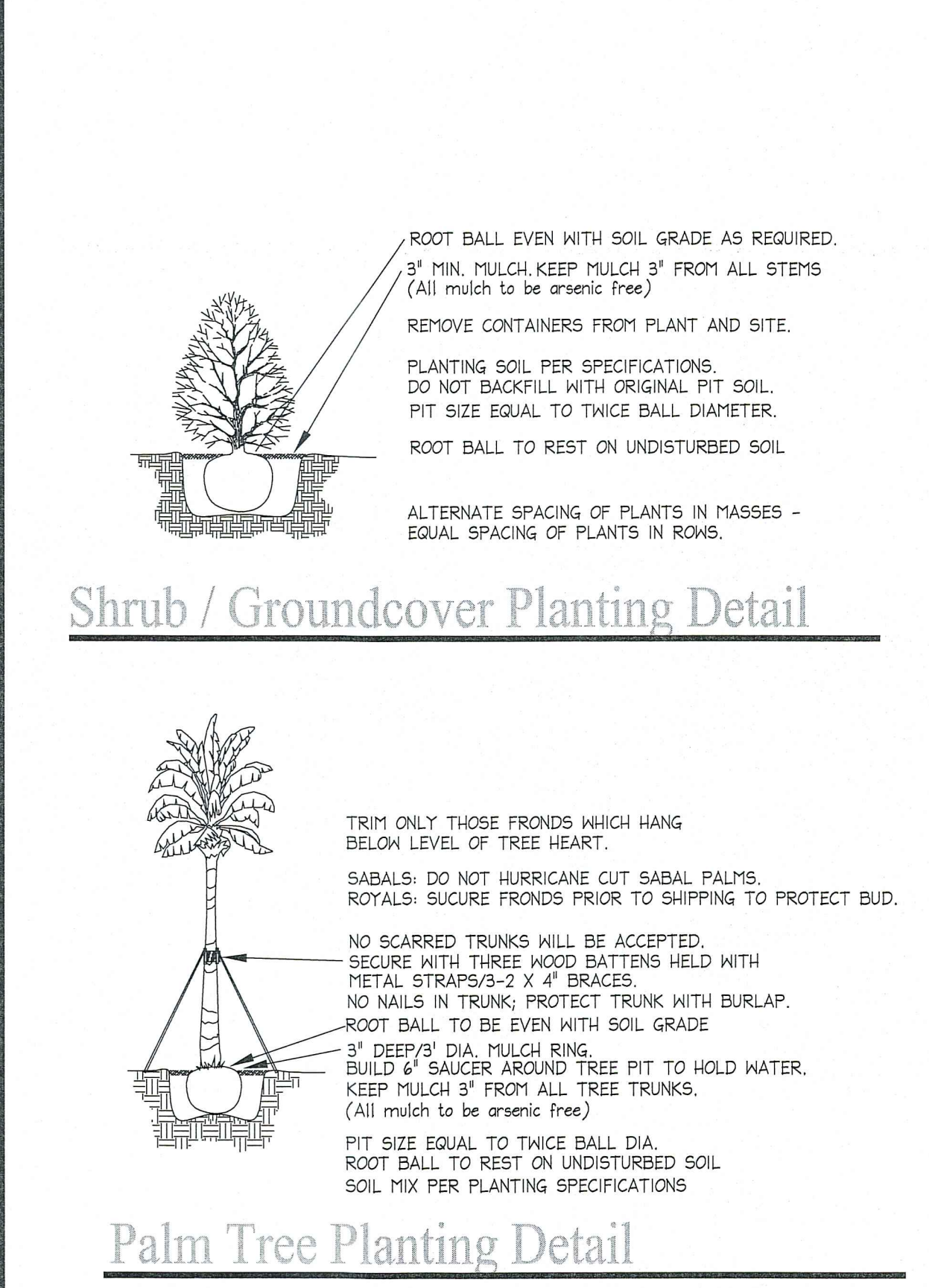
Site Data (From Architectural Site Plan)

EXISTING SITE AREA:	82,499 SF (1.89 ACRES)
BUILDING SQ. FT.	11,220 SF (GROUND FLOOR) + 10,540 SF (SECOND) = 21,760 GSF
BUILDING FOOTPRINT	= 11,220 GSF
PERCENT SITE COVERAGE	= 11,220 SF / 82,499 SF (13.6 %)
AREA PROVIDED FOR LANDSCAPING	= 25,406 (31 %)
VEHICAL OVERHANG PERVIOUS AREA	= 933 (1 %)
VEHICULAR USE AREA	= 39,475 SF (48 %)
SIDE WALK AREAS	= 4,089 SF (5%)

Plant Specifications

- All the plant material shall be Florida #1 or better, as set forth by the current edition of the Florida Department of Agriculture grades and standards for nursery plants.
- All plantings shall be done in accordance with municipal codes and use sound horticultural practices, as provided by the International Society of Arboriculture (ISA). All plants shall be installed so that the top of the root ball remains even with the soil grade. All trees and palms are to be boxed in with water at the time of installation to eliminate any air pockets. Trees and palms shall be properly braced and/or staked at the time of planting as per detail. Stakes and braces are to remain for a minimum of 12 months. The Contractor is responsible for the maintenance and removal of stakes and braces after a 12-month period. When applicable, existing trees to be saved should be barricaded prior to the construction as per detail. Protected areas shall remain clear of construction debris, vehicles, storage of materials and chemicals, etc., and barricades are to remain until final job acceptance. The Contractor is responsible for the maintenance and removal of the barricades.
- The project's Landscape Contractor shall contact the City of Coconut Creek Landscape Inspector to schedule a Pre-Construction Meeting prior to the landscape installation. Landscape and irrigation permits are required prior to the issuance of any commercial (i.e., non-residential) building permits. For residential projects, landscape and irrigation permits must be issued prior to the commencement of any landscaping installation and the work must be approved through a Final Landscape Field Inspection, prior to the issuance of a Final Certificate of Occupancy (CO) for the entire project. Tree Relocation/Removal permits, if necessary, are required prior to the issuance of any building permits.
- Planting soil shall be clean and free of construction debris, weeds rocks and noxious pests and diseases and exhibit a pH of 6.5 to 7.0. Topsoil for planting areas shall be amended with horticulturally acceptable organic material and suitable for the intended plant material. Source of planting soil shall be known to the applicant and acceptable to city.
 - Shrubs shall receive 6" of planting soil around the root ball.
 - Trees shall receive 12" of planting soil around the root ball.
 - Sodded areas shall receive 2" of planting soil beneath the sod.
 - All arid palms are to be backfilled with sand.
- All landscape islands in parking lots and around buildings shall be excavated to a depth of 3" and backfilled with weed- and debris-free 60/40 planting soil, to the top of the curb.
- All trees and palms in sodded areas shall have a minimum of 36" in diameter ring, covered with a 3" layer of mulch over the surface of the root ball and pulled back to avoid touching the crown of the trunk. Cover the entire hedge and shrub beds with a 3" layer of mulch. Avoid piling around the trunk areas. Pine trees shall have pine needle mulch covering all trees in groupings. Where planting areas include a catch basin, install erosion control matting (as per manufacturer specs) 25' from the inlet silt fabric to install shrubs and apply 3" layer of mulch. Mulch shall be Grade A, weed-free, *Eucalyptus* or *Melaleuca*. All trees shall have a ring of mulch at the perimeter of root ball.
- All landscape material shall maintain clearance around all fire hydrants, check valves, backflow preventors, Fire Department Equipment, etc., of at least 7' in the front and on the sides and 4' in the rear.
- All shade trees shall be planted a minimum of 15' clearance from light poles; and may be 7.5' away for small trees and palms only.
- Site preparation shall include the eradication and removal of any exotic nuisance vegetation, weeds, grass; and the clean-up of any dead material, debris and rubbish.
- All synthetic burlap, synthetic string/cords or wire baskets shall be removed before any trees are planted. All synthetic tape (i.e. tagging tape, nursery tape) shall be removed from the trunks, branches, etc. before inspection. The top 1/3 of any natural burlap shall be removed or tucked into the planting hole, before the trees are backfilled.
- All ground cover requires 75% coverage at the time of planting and 100% within 3 months of installation.
- All trees installed within 5' of curbs shall be installed with root barriers.
- Substitutions of plant material shall be permitted only after written approval of the Landscape Architect and the City of Coconut Creek Landscape Inspector.
- All owners of the land or their agents shall be responsible for the maintenance of all landscaping pursuant to LDC Sections 901.14-901.15.
- All plant material shall be guaranteed for a period of 12 months after final inspection by the City of Coconut Creek Landscape Inspector and the owner's acceptance.
- All landscaped areas will be provided with a 100% irrigation coverage, 50% overlap, from a fully automatic irrigation system with a rain sensor shut-off, and pump and rust control and rust inhibitor devices. Adjust the system to avoid overspray onto structures or paving. Preserved ecological communities shall not be irrigated. All watering procedures shall conform to restrictions and regulations of the South Florida Water Management District and local watering restrictions. Xeriscap Landscape principles shall be applied to all sites as specified in the South Florida Water Management District's *Xeriscap Guide II*, updated as required. All PVC irrigation risers shall be painted flat black. Provision shall be made for future connection to a reuse water (purple pi 17). The Contractor is required to submit certified as-built of the landscape berm to the Engineering Services Department for review and approval. Prior to placing the sod and installing the trees, the as-builts must include the design elevations and as-built elevations, taken at least every 50' of the berm. The right-of-way lines, property lines and landscape buffer, etc., must be labeled on the as-built plan. Cross-sections must be provided at least every 50' of the berm and must indicate the slope, width and height of the berm and also label the right-of-way line, buffer width and property lines. No sod or trees/palms shall be placed on the berm until the Engineering Services Department approves the as-built. Primary irrigation water source shall be via a cistern based rain water collection system specified by the architect and indicated on the irrigation plan submitted for building permit. Said system shall use an approved irrigation well as a supplemental water source.
- The Landscape Contractor shall be aware of the location of all easements and utilities above and below the ground and shall call for Utility Statement forty-eight (48) hours before any digging operations begin. All plant pits located in the easements shall be hand dug. The Landscape Contractor shall repair all the damage to the underground utilities caused by digging, at no cost to the owner.
- All trees will be located a minimum of 6' from underground utility lines.
- The Landscape Contractor shall verify estimated quantities of the material shown on the drawing prior to submitting his bid. The City-approved Planting Plan shall take precedence over the Plant List.
- All plant material symbols shown on the Landscape Plan shall be considered diagrammatic and should be adjusted in the field by the Contractor to avoid all utilities and any other obstructions.
- All areas disturbed during the construction shall be sodded with *St. Augustine "Floriam"*, unless otherwise noted, i.e., sodded, paved.

Planting Details



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DRAWING ISSUE DATES:
1. COMMENTS/SITE 4-30-13
2. COMMENTS/SITE 5-20-13

SHEET
LS-2

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