#### TREE AND PALM PROTECTION NOTES:

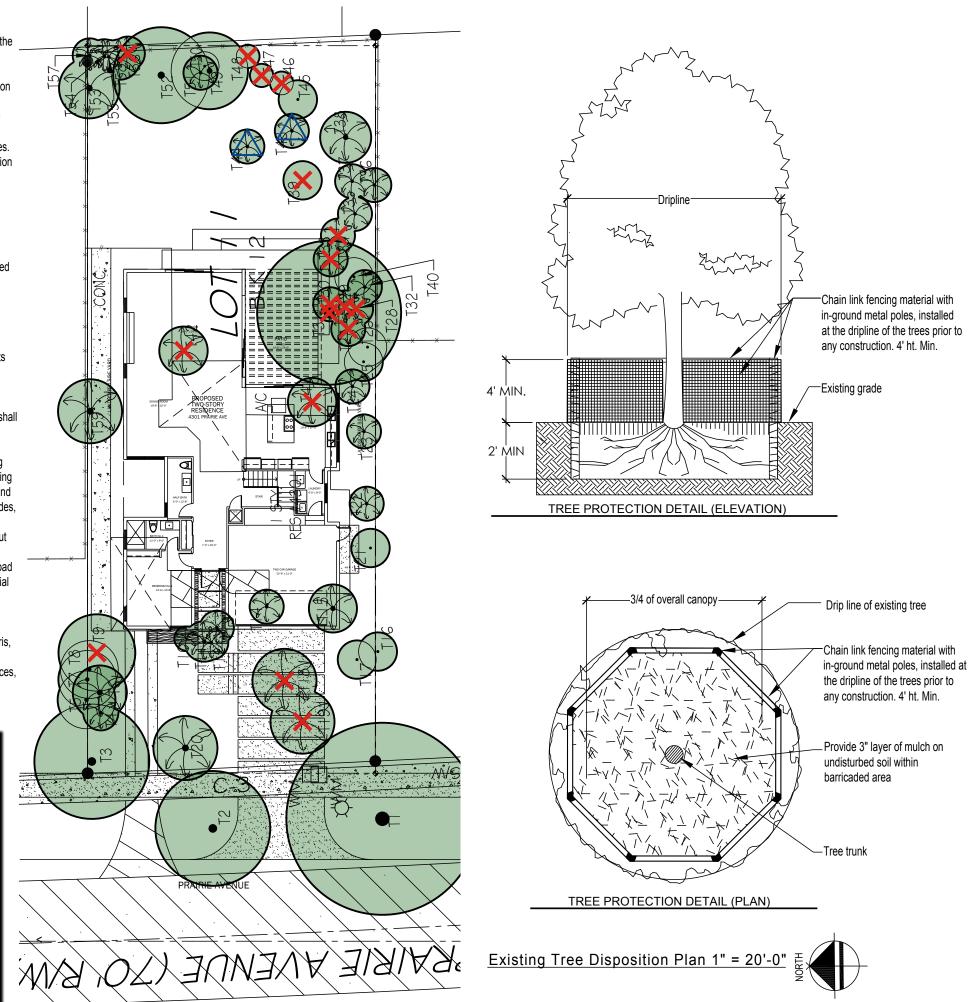
- Before beginning work, the Contractor is required to meet with the Landscape Architect at the 1. site to review all work procedures, access routes, storage areas, and tree protection measures.
- 2. Fences shall be erected to protect trees to be preserved. Fences define a specific protection zone for each tree or group of trees. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without the written permission of the Landscape Architect. Refer to Tree & Palms Protection Detail.
- Construction trailers, traffic and storage areas must remain outside fenced areas at all times. 3.
- All underground utilities and drain or irrigation lines shall be routed outside the tree protection 4 zone. If lines must traverse the protection area, they shall be tunneled or bored under the tree
- No materials, equipment, spoil, or waste or washout water may be deposited, stored, or 5. parked within the tree protection zone (fenced area).
- 6. Additional tree pruning required for clearance during construction must be performed by a qualified arborist and not by construction personnel.
- 7. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use. Any pesticides used on site must be tree-safe and not easily transported by water
- 8. If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Landscape Contractor and the Landscape Architect should be notified immediately.
- Any grading, construction, demolition, or other work that is expected to encounter tree roots 9. must be monitored by the Landscape Contractor.
- 10. All trees shall be irrigated three times a week. Each irrigation procedure shall wet the soil within the tree protection zone to a depth of 30 inches.
- 11. Erosion control devices such as silt fencing, debris basins, and water diversion structures shall be installed to prevent site erosion and siltation situations and/or erosion within the tree protection zones.
- 12. Before grading, pad preparation, or excavation for foundations, footings, walls, or trenching near trees the trees shall be root pruned 12 inches outside the tree protection zone by cutting all roots cleanly to a depth of 36 inches. Roots shall be cut manually by digging a trench and cutting exposed roots with a saw, vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root-pruning equipment.
- 13. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
- 14. If temporary haul or access roads must pass over the root area of trees to be retained, a road bed of 6 inches of mulch or gravel shall be created to protect the soil. The road bed material shall be replenished as necessary to maintain a 6-inch depth.
- 15. Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily or permanently.
- 16. No burn piles or debris pits shall be placed within the tree protection zone. No ashes, debris, or garbage may be dumped or buried within the tree protection zone.
- 17. Maintain fire-safe areas around fenced areas. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.

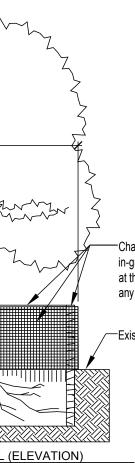
# TREE DISPOSITION LEGEND

Existing tree or palm to be transplanted

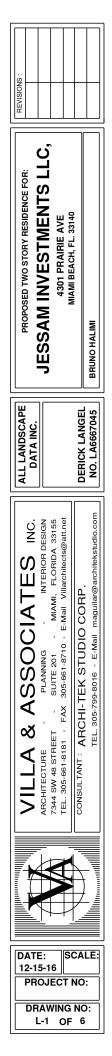
Existing tree or palm to be removed

Existing tree and palm to remain in their existing location and be protected, no construction or excavation shall be permitted within the dripline of the trees.

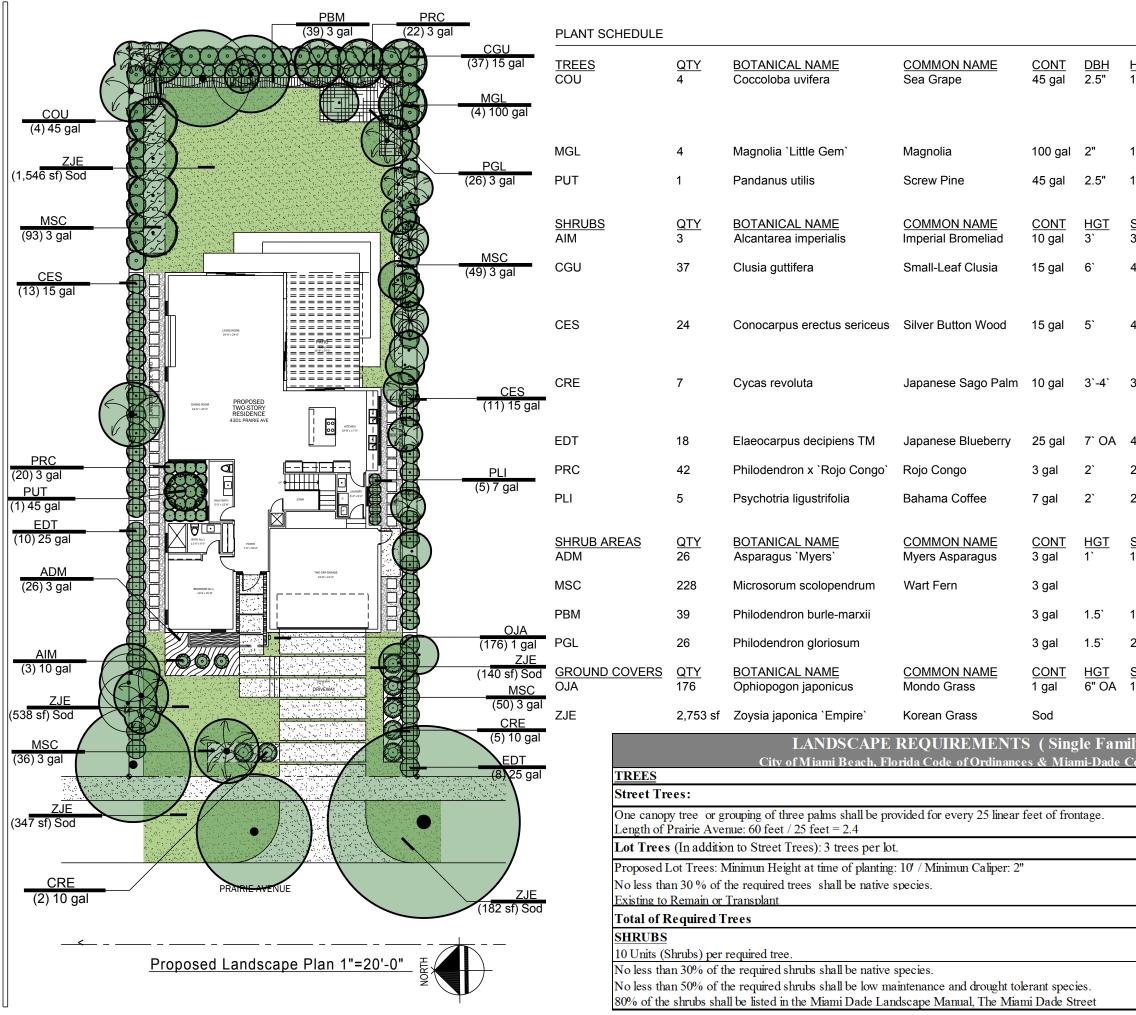




Chain link fencing material with in-ground metal poles, installed at the dripline of the trees prior to



	MIAMI BEACH TREE	MITIGATION	SUMMARY CH	ART			Exis	ting Tr	ee Disp	osition	List - 4301	Prairie Re	esidence			
OPOSED	CANOPY LOSS				NUMBER		COMMON NAME	HEIGHT		DIAMETER		PALM	CONDITION	ACTION	COMMENTS	1
	Proposed Tree Canopy Loss (se	e Existing Tree	e Disposition List	t)	TA			(FT)	(FT)		CANOPY (SF)	CANOPY (SF)				
	Proposed palm Canopy Loss (se	8			11 T2	Terminalia catappa	Tropical Almond Cassia	40 22	40 20	48 10			Good Good	Remain Remain		
	- 70% of canopy mitigation mus			,	T3	Senna surattensis Ficus benjamina	Weeping Fig	22	20	48			Fair	Remain		- RE
286 -	- 30% of canopy mitigation may				T4	Veitchia montgomeryana		24	7	10			Poor	Remain		
EREOU	IRED CANOPY MITIGATION		•	1,442		Ficus benjamina	Weeping Fig	24	10	10			Poor	Remain		1∥ .₅
	UIRED CANOPY MITIGATION			953	1	Sabal palmetto	Sabal Palm	20	10	12			Good	Remain		- U
	UIRED CANOPY MITIGATION			2,395		Ficus benjamina	Weeping Fig	18	10	12			Poor	Remain		-∭ <u>ë</u> <b>⊐</b>
	ORED CANOF I WITTGATION	MIN. SIZE AT	CANOPY	CANOPY MITIGATED	Т8	Ficus benjamina	Weeping Fig	18	10	12			Poor	Remain		<sup>ຫຼ</sup> ິ ທ
					T9	Schinus terebinthifolia	Brazilian peppertree	24	16	36			Fair	Remove	Prohibited Tree	
	REPLACEMENT CANOPY TYPE	PLANTING	CREDIT (Sq.Ft)	(Sq.Ft) 2,400	T10	Roystonea regia	Royal Palm	12	5	10		20	Fair	Remove	Proposed building conflict	
	Category 1 Trees	12' OAH	300	2,400	T11	Roystonea regia	Royal Palm	14	8	6		50	Fair	Remove	Proposed building conflict	
	Category 2 Trees	10' OAH	150	0	T12	Veitchia montgomeryana		12	7	6		38	Fair	Remove	Proposed building conflict	Ш ё <b>Г</b>
	Category 3 Trees	8' OAH	100	0	T13	Veitchia montgomeryana		10	7	6		38	Fair	Remove	Proposed building conflict	ШőЩ
	Category 4 Palms	6'OAH	50	0	T14	Veitchia montgomeryana		12	7	48		38	Poor	Remove	Proposed building conflict - Cluster	
OVIDED	CANOPY MITIGATION			2,400	T15	Sabal palmetto	Sabal Palm	20	9	24		64	Bad		Palm + Ficus strangler	
					T16	Cordyline australis	Cabbage tree							Remain	Not a Tree - overgrown shrubs	AM
					T17	Plumeria rubra	Frangipani	9	8	24			Fair	Remain	-	]  ≝ <b>∀</b> S
	TREE MAINT				T18	Cocos nucifera 'Maypan'	Coconut Palm	24	12	12		113	Good	Remove	Bent trunk	ທ
	DURING CO	NSTRUCT	IUN		T19	Cocos nucifera 'Maypan'	Coconut Palm	30	12	12		113	Fair	Remove		111 띡
	4301 D ·				T20	Roystonea regia	Royal Palm	45	12	24			Fair	Remain		ן וו
	4301 Prai Miami Bea				T21	Bursera simaruba	Gumbo Limbo	15	8	12			Fair	Remain		] ====
	Ivitanii Bea	cn, F <b>J</b> 5140			T22	Ptychosperma elegans	Solitaire Palm	12	7	12			Fair	Remain		ALL LANDSCAPE DATA INC.
					T23	Veitchia montgomeryana	Montgomery Palm	20	6	12			Fair	Remain		ان ق
1.0	All trees to remain orsite sha	11 be protect	ed during const	truction as per the	T24	Veitchia montgomeryana	Montgomery Palm	18	6	6			Fair	Remain		
	Tree Protection Standards p		ed during const	indetion as per the	T25	Cordyline australis	Cabbage tree			12				Remain	Not a Tree - overgrown shrubs	
		vided.			T26	Terminalia catappa	Tropical Almond	14	8	12			Poor	Remain		]  ; ^
2.0	All trees to remain orsite sha	ll be watered	ht standard rate	es at least two	T27	Veitchia montgomeryana	Montgomery Palm	22	7	8		38	Poor	Remove	Proposed building conflict	
	times per week unless more				T28	Veitchia montgomeryana	Montgomery Palm	22	7	8		38	Poor	Remove		
	1				T29	Veitchia montgomeryana	Montgomery Palm	22	7	8		38	Poor	Remove	Proposed building conflict	
3.0	All trees to remain orsite sha	ll be fertilize	ed three times p	ber year using a	T30	Veitchia montgomeryana	Montgomery Palm	22	7	8		38	Poor	Remove	Proposed building conflict	ESIGN
	granular 82-12 "Palm Specia				T31	Mangifera indica	Mango Tree	30	30	36	1,414		Fair	Remove	Proposed building conflict	
	be broadcast on the ground b	eneath the ca	anopy of each the	ree and watered	T32	Veitchia montgomeryana	Montgomery Palm	22	7	24		38	Poor	Remain	Double - Proposed building conflict	_    () ຼື
	in.				T33	Veitchia montgomeryana		22	7	8		38	Poor	Remove	Proposed building conflict	ШЩ
					T34	Veitchia montgomeryana	Montgomery Palm	22	7	8		38	Poor	Remove	Proposed building conflict	<b>I</b> ∥ <b>⊢</b> <sup>ℤ</sup>
	Trees shall not be pruned un				T35	Veitchia montgomeryana	- ·	22	7	8			Fair	Remain		
	areas. All pruning shall be d			American	T36	Veitchia montgomeryana		22	7	8			Fair	Remain		비금 '
	National Standards Institute	(ANSI)-A00	standards.		T37	Ptychosperma elegans	Solitaire Palm	22	7	8			Fair	Remain	Double	
					T38	Veitchia montgomeryana		20	10	48			Fair	Remain	Cluster	U O ĭz
					T39	Cordyline australis	Cabbage tree			12				Remove	Not a Tree - overgrown shrubs	PLANNI
					T40	Terminalia catappa	Tropical Almond	12	6	10	28		Poor	Remain		ll N =
					T41	Sabal palmetto	Sabal Palm	16	11	18		95	Fair		Proposed building conflict	Ĭ
					T42	Sabal palmetto	Sabal Palm	20	9	12		64	Fair	Remove	Proposed building conflict	
					T43	Roystonea regia	Royal Palm	16	7	12			Fair	Transplant		🛛 🖉
					T44	Roystonea regia	Royal Palm	16	7	12			Fair	Transplant		╢┎ᇕ
					145	Terminalia catappa	Tropical Almond	12	8	18			Fair	Remain		
					T46	Pandanus utilis	Screw Pine	4	4	24			Fair	Remove	Too Small	
					T47	Pandanus utilis	Screw Pine	6	4	6			Fair	Remove	Too Small	
					T48	Pandanus utilis	Screw Pine	6	4	6			Fair	Remain	Too Small	-   <b>/</b> "
					T49	Plumeria rubra	Frangipani	18	16	36			Fair	Remain		┨╎└────
					-	Pandanus utilis	Screw Pine	10	6	24			Fair	Remain		
					T51	Veitchia montgomeryana		16	6	8			Fair	Remain		╢ <u></u> , ⊢
					T52	Mangifera indica	Mango Tree	30	20	24			Fair	Remain	Objections	╢┋╄╧
					T53	Veitchia montgomeryana		24	12	8			Fair	Remain	Clusters	
					T54	Veitchia montgomeryana		18	8	8			Fair	Remain		
					155	Veitchia montgomeryana		18	8	8			Fair	Remain		
					T56	Dypsis lutescens	Areca Palm	12	8	8		50	Poor	Remove		
					T57	Veitchia montgomeryana		18	8	8			Fair	Remain		DATE:
					T58	Roystonea regia	Royal Palm	18	8	36			Fair	Remain		12-15-1
					T59	Roystonea regia	Royal Palm	26	12	24			Fair	Remain		PROJ
					TOTO						1,442					╢╞══╴
						ROPOSED CANOPY LOS	s (in cause foot)				1 //7	953				DRAV



<u>HGT</u> 14` OA		<u>REMARKS</u> STD - Florida Native - Miami-Dade Landscape Manual - Very Drought Tolerant
12` OA		
10` OA		Miami-Dade Landscape Manual - Drought Tolerant
<u>SPRD</u> 3`	<u>SPACING</u> 36" o.c.	<u>REMARKS</u> Drought Tolerant
4`	48" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
4`	48" o.c.	Shrub Type - Florida Native - Miami-Dade Landscape Manual
3`	48" o.c.	Miami-Dade Landscape Manual - Drought Tolerant - Sun Grown
4`	48" o.c.	
2`	30" o.c.	
2`	30" o.c.	Florida Native - Miami-Dade Landscape Manual
<u>SPRD</u> 1`	<u>SPACING</u> 24" o.c.	REMARKS
	15" o.c.	
1.5`	24" o.c.	
2`	28" o.c.	
<u>SPRD</u> 12"	<u>SPACING</u> 8" o.c.	REMARKS

ly Home) County Ordinance								
	Require d	Provide d						
	3	3						
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	48	73						

REVISIONS :			
PROPOSED TWO STORY RESIDENCE FOR:	JESSAM INVESTMENTS LLC, 4301 PRAIRIE AVE	MIAMI BEACH, FL. 33140	BRUNO HALIMI
ALL LANDSCAPE DATA INC.		DEPICK I ANGEI	NO. LA6667045
& ASSOCIAT	ARCHITECTURE - PLANNING - INTERIOR DESIGN 7244 SW 48 STREET - SUITE 201 - MIAMI, FLORIDA 33155 771 ARCHITECT - NULL FLORIDA 33155		TEL. 305-799-8016 - E-Mail magular@architekstudio.com
DATE	:	SCA	LE:



### NOTES:

- All mechanical equipment including, but not limited to Back Flow Preventor, Pumps, Electric, Phone or Cable Boxes, Lift 1. Stations. Etc. shall be screened on 3 sides from view using an approved hedge, fence or wall.
- 2. All light poles if any shown on plan shall be a minimum of 15' from tree locations.
- 3. The Landscape Architect must be notified when the plant material has been set in place to approve final locations, prior to installation.

### **GENERAL NOTES**

- Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements 1. prior to commencing work. All Utility companies and/or the General Contractor shall be notified to verify utility locations prior to digging. Utility trenching is to be coordinated with the Landscape plans prior to beginning of project. The Owner or Landscape Architect shall not be responsible for damage to utility or irrigation lines.
- 2 Landscape Contractor shall examine the site and become familiar with conditions affecting the installation prior to submitting bids. Failure to do so shall not be considered cause for change orders.
- Landscape Contractor is responsible for verifying all plant quantities prior to bidding and within (7) seven calendar days 3. of receipt of these plans shall notify the Landscape Architect in writing of any and all discrepancies. In case of discrepancies planting plans shall take precedence over plant list.
- No substitutions are to be made without prior consent of the Landscape Architect. Plant material supply is the responsibility of the Landscape Contractor, and he/she shall take steps to insure availability at time of planting.
- All plant material shall meet or exceed the size on the plant list. In all cases meeting the height and the spread 5. specifications shall take precedence over container size.
- All planted areas to be outfitted with automatic irrigation system providing 100% coverage and 50% overlap. A rain 6. sensor must be part of the irrigation system.
- Landscape Contractor shall be responsible for providing temporary hand watering to all proposed & landscape areas. 7. during construction.
- The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the 8. Tree/Palm Disposition Plan. The Landscape Contractor is to remove and discard from site existing unwanted trees, palms, shrubs, groundcover's, sod and weeds within landscape areas.
- 9. All limestone shall be removed from planting beds prior to installation of plant material
- All permitting and fees to be the responsibility of the Contractor. 10.

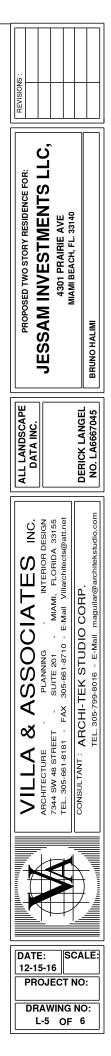
Landscape General Notes

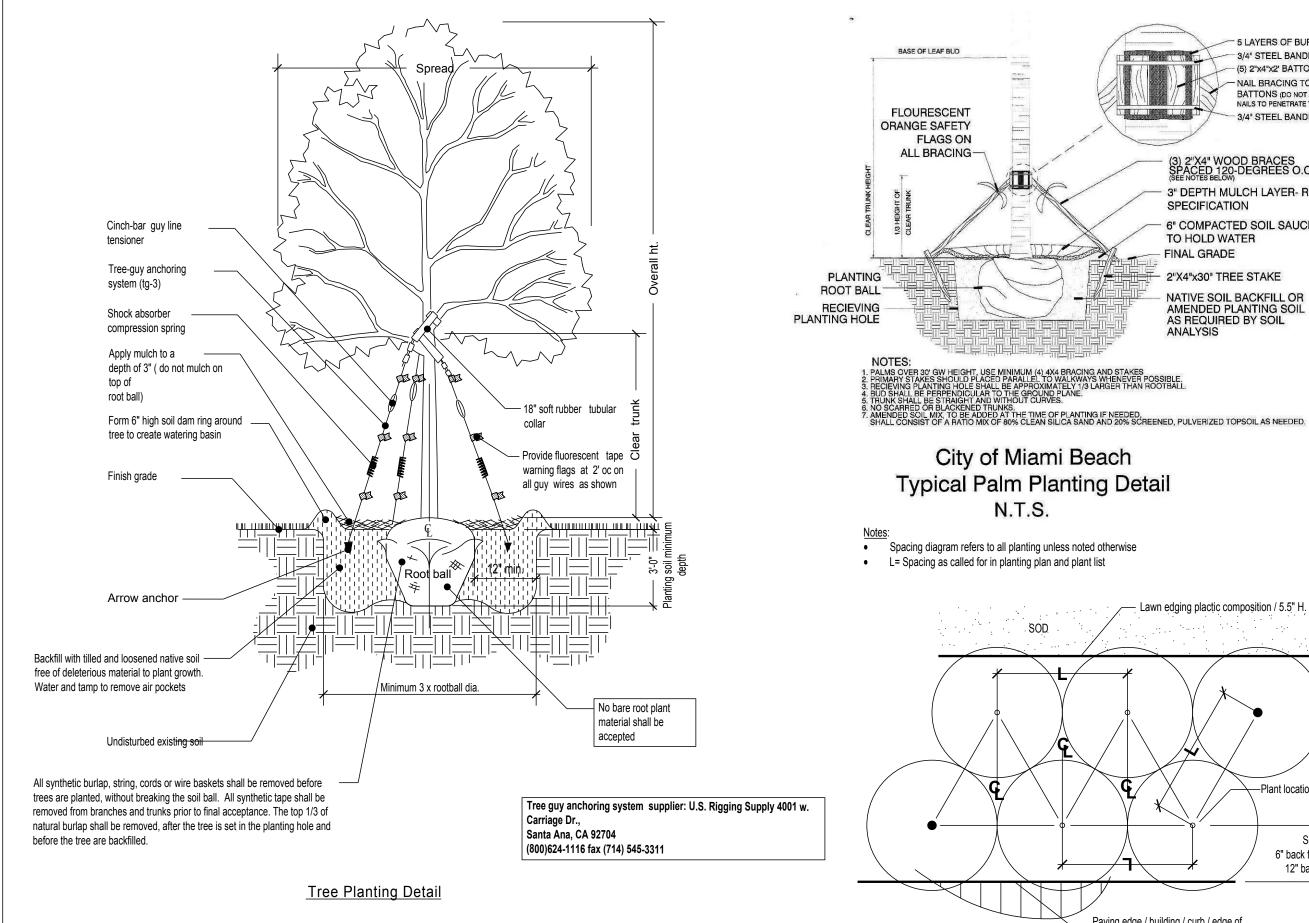
## PLANTING NOTES

1. Landscape Contractor shall furnish and install all trees, palms, shrubs, groundcover, sod, planting soil, herbicide, preemergence herbicide, seed, and mulch. Landscape Contractor to provide Landscape Architect with at least 5 days notice prior to tree installation.

City Urban Forester and or Greenspace Management Division staff to approve all ROW trees, palms and plant material before it is planted to ensure Florida Grade

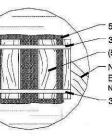
- No. 1 status
- 2. Landscape Contractor shall guarantee all plant material for a period of one year from the day of final acceptance by the Landscape Architect.
- 3. All plant material shall be Florida #1 or better, as defined in the Grades and Standards for Nursery Plants, Part I and II by the State of Florida Department of Agriculture.
- Landscape Contractor is responsible for scheduling a nursery visit for Landscape Architect to approve all trees, palms and shrubs 4. prior to delivery to the project site. Any substitutions in size and/or plant material must be approved by the Landscape Architect. City Urban Forester and or applicable City Staff.
- 5. Landscape Architect shall be notified 5 days min. prior nursery visit.
- 6. Landscape Contractor shall coordinate his work with that of the Irrigation and Landscape Lighting Contractor.
- The Landscape Contractor shall treat planted areas with preemergence herbicide after weeds and grass have been removed. 7. Landscape Contractor shall apply pre emergent herbicide per manufacturer's recommendation, wait period prior to planting as specified. Planting soil mix/backfill shall be clean and free of construction debris, weeds, rock and noxious pests and disease.
- 8. All soil mix in plant beds for ground covers, shrubs, palms and trees shall be as per details. All other areas shall be dressed with a minimum of 4" topsoil "if required".
- All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure 9. proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.
- 10. All synthetic burlap, string, cords or wire baskets shall be removed before trees are planted, without breaking the soil ball. All synthetic tape shall be removed from branches and trunks prior to final acceptance. The top 1/3 of natural burlap shall be removed. after the tree is set in the planting hole and before the tree is backfilled. Landscape Contractor is to check for root defects including deep planting in the root ball and circling roots, trees with root problems will not be accepted.
- 11. Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Enviromulch immediately after planting. In no case shall Cypress mulch be used.
- 12. All Trees/Palms in sod areas are to receive a 48" diameter mulched saucer at the base of the trunk respectively.
- Landscape Contractor shall guy and stake all trees and palms as per specifications and details. No nails, screws or wiring shall 13. penetrate the outer surface of trees and palms. All guying and staking shall be removed twelve months after planting.
- All palm and tree guy wires and bracing are to be flagged for visibility, for their duration. All unattended and unplanted tree pits shall 14. be properly barricaded and flagged during construction.
- 15. All broken branches and clear trunk branches on street trees are to be pruned according to ANSI A 300 Guidelines for Tree Pruning to min. 5' - 0" height clearance to the base of canopy.
- Landscape Contractor shall fertilize plant material as needed to support optimum healthy plant growth. All fertilization shall be 16. performed in compliance with the latest ANSI A300 (Part 2) Standards.
- 17. Stake all trees and palms for approval by Landscape Architect prior to installation. All guving and staking shall be removed from all trees and palms within twelve months after planting. Exceptions require written authorization from the City Urban Forester.
- Any sod areas damaged by construction are to be replaced with St. Augustine 'Floratam' sod. 18.
- 19. St. Augustine 'Floratam' Contractor's responsibility to verify quantity.
- 20. Install rootbarrier as per manufacturer's recommendation on all large trees that are 6' or closer to any pavement or building, as shown on details page.
- Root barrier shall be Vespro Inc. or approved equal. 21.
- 22. A final onsite inspection shall be required with Greenspace Management staff prior to any official acceptance of ROW plant material, in order to verify proper planting depth, spacing and guality of the material. Failure to conduct the inspection could result in rejection of the plant material.
- 23. All trees and palms shall have a 1-year survival warranty starting from the date of final inspection.
- 24. Landscape contractor is responsible for verifying location of all underground utilities and easements prior to commencing work. Landscape Contractor must proceed very carefully with the excavations, the Owner or Landscape Architect shall not be responsible for damage to utility lines.





planting bed.

Shrubs Planting Detail



**5 LAYERS OF BURLAP** 3/4" STEEL BANDING (5) 2"x4"x2' BATTONS NAIL BRACING TO WOOD BATTONS (DO NOT ALLOW NAILS TO PENETRATE TRUNK) 3/4" STEEL BANDING

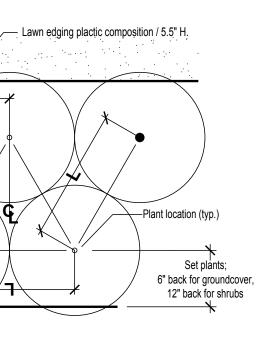


(3) 2"X4" WOOD BRACES SPACED 120-DEGREES O.C. 3" DEPTH MULCH LAYER- REFER TO SPECIFICATION

**6" COMPACTED SOIL SAUCER** TO HOLD WATER FINAL GRADE

2"X4"x30" TREE STAKE

NATIVE SOIL BACKFILL OR AMENDED PLANTING SOIL AS REQUIRED BY SOIL ANALYSIS



Paving edge / building / curb / edge of

