

LP-03

PROJECT NO.: 10056

PLANT LISTS

APOGEE BEACH CLUB

PLANT LIST - GROUND LEVEL

Landscape contractor to provide photographs of all trees & palms for Landscape Architect's approval with bid. Landscape contractor to coordinate installation with Landscape Architect at least 1 month prior to installation date. All plants to be laid out on site by Landscape Architect.

Plant list coincides with RJ Drawings dated 11.03.2010

QTY	ABBR.	BOTANICAL NAME	COMMON NAME	<u>SPECIFICATIONS</u>				
<u>TREES</u>								
21	CUV	Coccoloba uvifera	Sea Grape	(17) 8' Sp., (3) 18' Sp., (1) Existing				
3	CSE	Cordia sebestena	Orange Geiger	25' Ht.				
18	CRO	Clusia rosea	Autograph Tree	(1) Specimen To Be Selected by LA 30' + Ht., (17) 10' Ht.				
PALMS PALMS								
19	AME	Adonidia merrillii	Christmas Palm	(19) Relocated				
2	AAL	Archontophoenix alexandrae	Alexandra	(2) Existing				
54	CNU	Cocos nucifera	Coconut Palm	(33) Existing, (21) Relocated				
4	LCH	Livistona chinensis	Chinese Fan Palm	(4) Existing				
11	PRO	Phoenix roebelinii	Pygmy Date Palm	(10) Existing				
13	REL	Roystonea elata	Florida Royal Palm	(2) Existing, (9) Double Trunk, (1) Single 24' WD (1) Relocated				
7	SPA	Sabal palmetto	Sabal Palm	25'-35' WD Staggered Ht. (1) Existing 18' WD				
19	TRA	Thrinax radiata	Florida Thatch Palm	10'-20' Ht. Staggered Ht.				
UNDERSTORY TREES								
15	UST	Understory Tree	TBD	TBD				
33	US	Understory Shrub	TBD	TBD				
121	SMA	Suriana maritima	Bay Cedar	Clusters				
<u>GROUNDCOVERS</u>								
745		Ipomoea pes-caprae	Railroad Vine	24" OC				
4,777		Paspalum vaginatum	Seashore paspalum	12" OC				
1488		Uniola paniculata	Sea Oats	24" OC				
5,735	NGC	Native Ground Cover	TBD	18" OC				

APOGEE BEACH CLUB

PLANT LIST - POOL DECK

Landscape contractor to provide photographs of all trees & palms for Landscape Architect's approval with bid. Landscape contractor to coordinate installation with Landscape Architect at least 1 month prior to installation date. All plants to be laid out on site by Landscape Architect.

Plant list coincides with RJ Drawings dated 11.03.2010

QTY	ABBR.	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
REES	<u> </u>			
9	CUV	Coccoloba uvifera	Sea Grape	Relocated From On-Site
13	CGU	Clusia guttifera	Dwarf	Relocated From On-Site
1	CRO	Clusia rosea	Autograph Tree	(1) Specimen To Be Selected by LA 30' + Ht.
PALM	<u>s</u>			
26	TRA	Thrinax radiata	Florida Thatch Palm	10'-20' Ht. Staggered Ht.
ROU	NDCOV	<u>ERS</u>		
387	ELI	Ernodea littoralis	Golden Creeper	18" OC
245	SCO	Seasonal Color	TBD	18" OC
602	SPO	Sesuvium portulacastrum	Sea Purslane	12" OC
1,156	PVA	Paspalum vaginatum	Seashore Paspalum	12" OC
342	UPA	Uniola paniculata	Sea Oats	24" OC

LANDSCAPE ARCHITECT: Raymond Jungles

Scale: Drawn By: PA Checked By: DT SHEET NUMBER:

PLANT LIST

- 2. Landscape contractor should verify all estimated quantities of material shown on the Landscape Architect's drawings prior to submitting a bid.
- 3. Planting plan shall take precedence over plant list in case of discrepancies.
- **4.** All plant material symbols shown on landscape plans shall be considered diagrammatic and should be adjusted on the field by landscape contractor to avoid all utilities and all other obstructions, after consulting the Landscape Architect.
- 5. All sizes specified for plant material on the plan and plant list shall be considered minimum.
- **6.** All plant material must meet or exceed the specified minimum requirements for both height and spread.
- 7. Any specific requirements such as specific shape, character, number of tree trunks, plant source, transporting, and or special bracing noted on the plan or plant list, will require approval and or coordination with the Landscape Architect.
- 8. No change shall be made without prior consent of the Landscape Architect.
- 9. All material shall be subject to availability at time of installation. Substitutions may be made after consultation with the Landscape Architect
- 10. All trees, palms, shrubs and ground covers shall be guaranteed for a period of 12 months from date of final
- 11. Changes may occur during the normal course of implementation. Verbal change orders will not be honored. Any changes must be submitted to the Landscape Architect in writing as a change order to be reviewed and approved in writing by owner/client.
- 12. Landscape contractor shall locate and verify all underground utilities or structures prior to digging. Landscape contractor shall repair all damages to underground utilities, and or construction caused by landscape installation, at no cost to the owner.
- 13. Landscape contractor shall coordinate with the general contractor, the removal of all building construction debris and foreign material prior to installation of any plant material.
- 14. Site preparation should include the eradication and removal of any weeds or grass, removal and clean up of any dead material and rough and finish grading per specs and or landscape plans.
- **15.** For plant material designated to be removed, the entire root system shall be dug and removed from the site.
- 16. All planting areas shall be excavated to a minimum of 3' for groundcovers and more than 3' for shrubs, trees, and palms, and should receive an 80/20 mix fill soil, or as per specifications.
- 17. All Plant material shall be Florida No. 1 or better. Florida Department of Agriculture Grades and Standards, Parts I & II, 1975, respectively.
- 18. All trees shall be staked in a good workmanlike manner. No nail staking permitted. (Refer to bracing notes and planting
- 19. After removal or relocation of existing trees and palms, all remaining holes shall be back filled around and under root ball with washed beach sand. Sod disturbed area, if required. All shrub beds to be installed with washed beach sand. (See
- 20. All trees, palms, shrubs and ground cover plants shall be fertilized at installation, with long lasting fertilizer, according to manufacturers' recommendations. For Palms and Trees use "Palm Special" (6-12-12), for Shrubs use a (12-6-8), and for Sod use a (20-3-3).
- 21. All existing plant material shall remain shall be protected during all construction phases. Any plant material scarred or destroyed designated to remain must be replaced at the contractor's expense with similar species size and quality.
- 22. All existing plant material designated to be stored off-site shall be protected and cared for according to industry standard. Any plant material scarred or destroyed designated to remain must be replaced at the contractor's expense with similar species size and quality.
- 23. All trees to be relocated will get root pruned 30 days min. (or more if required by the species). Upon relocation, thin out 30% of the relocated trees' canopy.
- **24.** All trees on sod area shall receive a pine needle mulch ring 2" in diameter typical.
- 25. All planting areas shall be mulched with shredded organic mulch to a minimum of 3"; With the exception of beach planting. Do not use cypress or red mulch.
- **26.** All trees shall have 2" caliper at D.B.H. minimum for a 10' height tree.
- **27.** All 1 gallon material shall have 12" spread minimum, all 3 gallon material to have 20-24" spread minimum.
- 28. All planting areas within the limits of work shall receive 100% coverage by automatic irrigation system (drip preferred) unless otherwise directed by owner.
- 29. Landscape contractor to coordinate installation of irrigation system with irrigation contractor. Irrigation time clock to be <u>hard wired</u> on completion - responsibility of irrigation contractor. Landscape contractor shall hand water or arrange for watering during planting until irrigation system is 100% operable. This is the responsibility of the landscape contractor.
- **30.** Landscape Contractor shall coordinate his work with the General Contractor, Irrigation Contractor, and the Electrical Contractor.
- 31. The landscape contractor shall at all times keep the job site clean and free from accumulation of waste material,

- **32.** Landscape plan shall be installed in compliance with all local codes.
- **33.** On-site layout of plant material shall be coordinated with Landscape Architect at the time of installation.
- **34.** Landscape Architect shall be notified of plant installation with a minimum of a 1.5 week notice.
- **35.** All plants, materials, workmanship, and invoice approval are subject to the approval of the Landscape Architect.
- **36.** The landscape contractor shall maintain or coordinate with the irrigation contractor and landscaping maintenance services all planting including watering, mowing, mulching, weed, and pest control until final acceptance by the Landscape Architect and owner.
- 37. The awarded landscape contractor shall submit a proposed bid / contract with pricing for all plant material including (warranty, labor, transportation, relocation, site maintenance and preparation) as per the Landscape Architect's specifications and or planting plans.
- 38. The landscape contractor's contract shall acknowledge all terms and conditions set forth under these general landscape notes and specifications.
- **39.** These drawings, documents, and all contents are the property of Raymond Jungles Inc. All rights are reserved. Unauthorized use or production, in part or whole, for any purpose is unlawful and prohibited except by express written consent.

GENERAL TREE BRACING NOTES AND SPECIFICATIONS:

SPECIMEN TREES AND TALL PALMS BRACED WITH PROPS:

- 1. Choose the correct size, length, and number of props to be used (pressure treated (PT), Timber Bamboo (Guadua
- 2. All (pressure treated (PT) 2"x4", 4"x4"). Stakes shall be painted a black matte finish color.
- 3. Wrap at least 5 layers of burlap around trunk of the palm at least 4 inches wider than the battens being used. Battens should be mounted at a point 1/3 of the distance from ground to the clear trunk of the tree or palm, but not less than 4 feet, whichever is greater.
- **4.** Select the proper length and size of battens (PT 2"x4"x12"-16")
- **5.** Use the same number of battens as props being used.
- **6.** Place the battens vertically and evenly spaced against the burlap.
- 7. Secure the battens in place with metal or plastic banding straps. Do not nail tree.
- 8. Wedge lower end of prop into soil and secure with a 2"x4"x30" stake. Props should be installed at a 30 to 40 degree angle from the battens and of sufficient length to reach the ground. Note: on straight trees or palms or trees, space props equal distance around tree or palm on curved (character) palms or trees, space props against the front of the
- 9. Cut a smooth angle at the end of the props. Align with and nail into battens. Do not penetrate tree or palm with nails.
- 10. If it appears that additional construction work will take place near to or in the vicinity of the newly braced trees or palms, then props are to be clearly labeled with the statement, "Do Not Remove."
- 11. Props are not to be removed until approved by the landscape contractor.

2" AND LARGER CALIPER TREES BRACED BY GUYING:

- 1. Choose the correct size and number of stakes and size of hose and wire. Guying shall be completed within 48 hours of
- 2. Cut lengths of staking hose to extend 2 inches past tree trunk when wrapping around.
- 3. Spaces stakes evenly on outside of water ring and drive each firmly into the ground. Stakes should be driven at a 30 degree angle with the point of the stake toward the tree until 4 to 5 inches are left showing.
- **4.** Place the hose around the trunk just above the lowest branch.
- 5. Thread the wire through the hose and past the stake, allowing approximately 2 feet of each of the two ends beyond the stake before cutting the wire.
- **6.** Twist wire at rubber hose to keep it in place.
- 7. Pull wire down and wind both ends around stake twice. Twist wire back onto itself to secure it before cutting off the
- **8.** The above procedures are to be followed for each stake, keeping the tree straight at all times.
- 9. There should be a 1 to 3 inch sway in the tree (the wires should not be pulled tight) for best establishment.
- **10.** Flag the guy wires with surveyor's flagging or approved equal for safety.
- 11. Any wires are not to be removed until approved by landscape contractor.

GENERAL IRRIGATION NOTES AND SPECIFICATIONS:

- 1. Coordinate installation timing and location of main lines with Landscape Contractor prior to implementation. Avoid root balls of trees and large plant materials. Refer to landscape drawings prior to installation.
- 2. Use drip irrigation (Netafim) wherever possible and practicable for the health of plant(s).
- 3. All pipe to be PVC schedule 40, 8" minimum cover.
- **4.** All heads installed on flexible PVC pipe and fittings.
- 5. Pressurized backflow, rain switch, and multi-programmable controller with battery backup required.
- 6. All crossings under permanent concrete to be sleeved two times the sprinkler pipe size with schedule 40 PVC.
- **7.** All wire splices to be in valve boxes.
- **8.** All valves to have flow control and be installed in green valve boxes with room to work in future.
- 9. All sprinklers to be commercial grade Toro 570 Series 4" and 12" and installed out of sight.
- **10.** Irrigation contractor to measure water available on-site and use no more than 75% of available GPM.
- 11. Water connection to the house, including shut-off valves, shall not be altered when pressurized backflow is installed.
- 12. All wire splices to be installed with water proof connections. All wires to be clearly labeled in valve box and in back of
- 13. 2 spare wires to be run to the last valve in each direction.
- 14. Controller to be hard-wired at time of completion and included in irrigation contractors bid.
- 15. System to provide 100% controlled coverage on completion. Additions/modifications from irrigation plan may be
- 16. Irrigation contractor to be County and City licensed where work is to be performed. Liability and Workman's' comp insurance is required for each and every employee to be on-site at any time during implementation. Paperwork to this effect to be provided on request within 2 business days.
- 17. As-built irrigation drawing to be provided prior to final payment.

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REGISTRATION No. RLA-0856

PLANTING PLAN

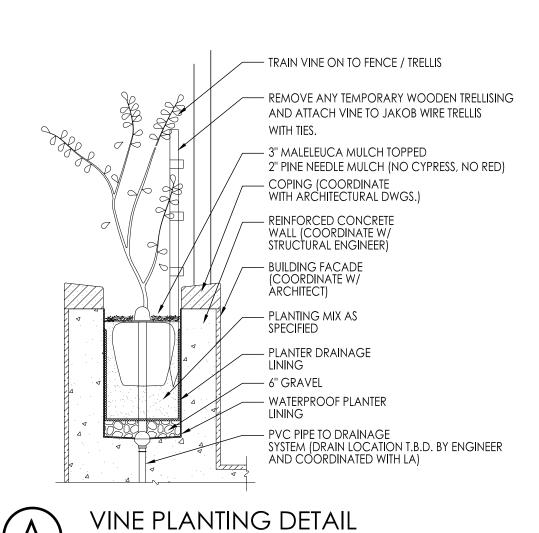
GENERAL NOTES

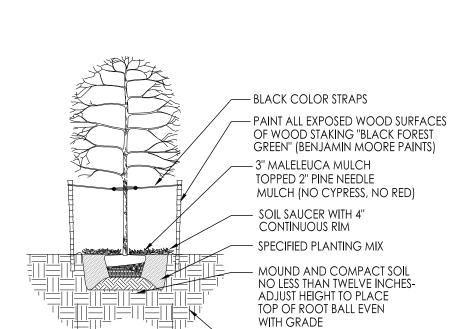
SHEET TITLE:

Scale: N.T.S

Drawn By: DT+JM+PA Checked By:

SHEET NUMBER:



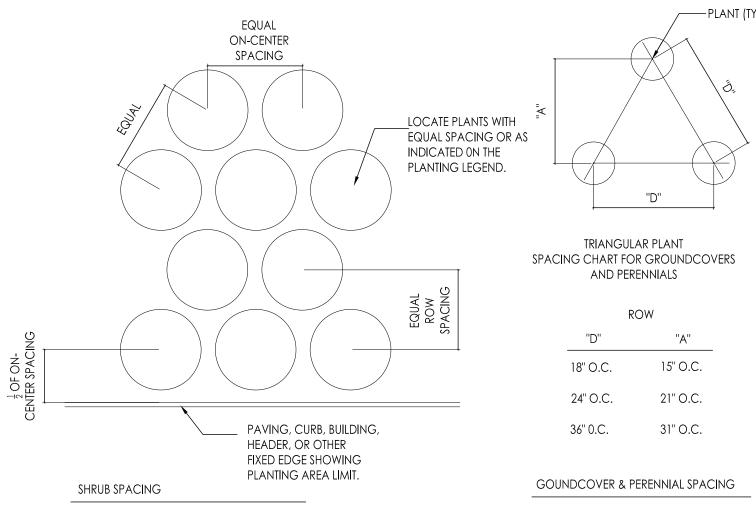


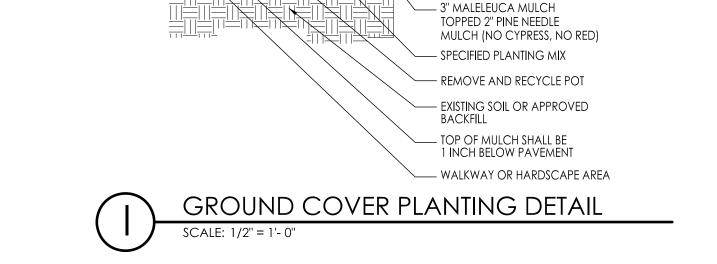
2X BALL DIA.

PLANT SPACING DETAIL

SMALL SIZE TREE PLANTING AND STAKING DETAIL

- EXISTING SOIL OR APPROVED





- SPACE PLANTS FROM EDGE SO THAT MATURE PLANTS WILL NOT

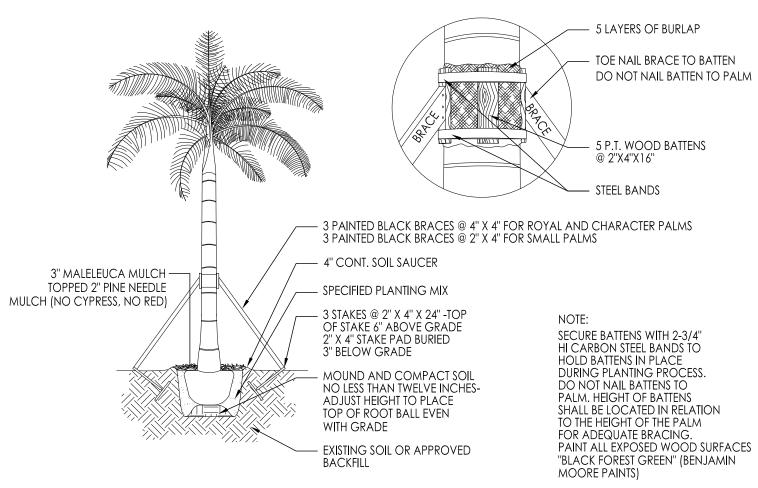
OVERLAP ONTO SIDEWALK AREA -VARIES WITH PLANT SPECIES

- SEE PLANTING PLAN FOR SPACING

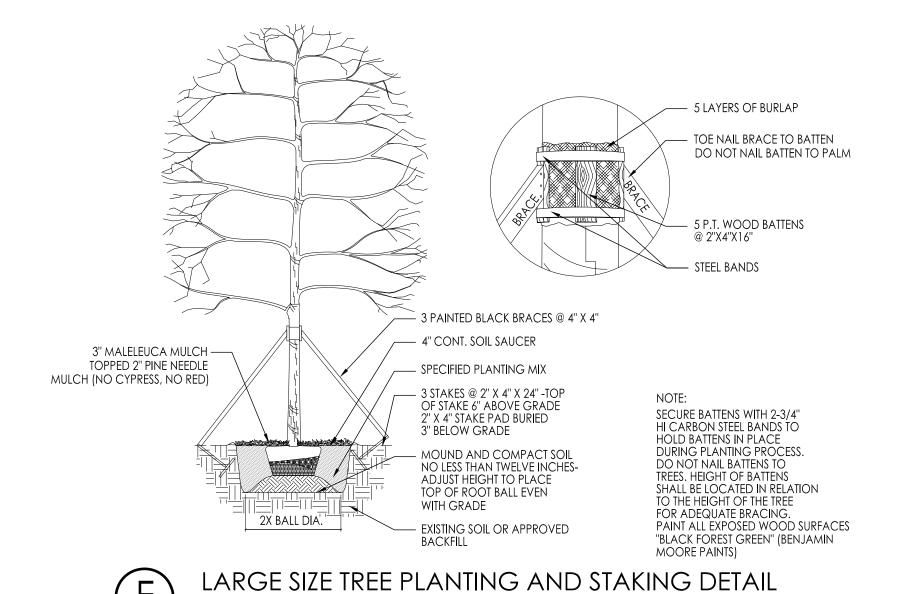
_ EXCAVATE TO ROOT BALL DEPTH PLUS 4 INCHES

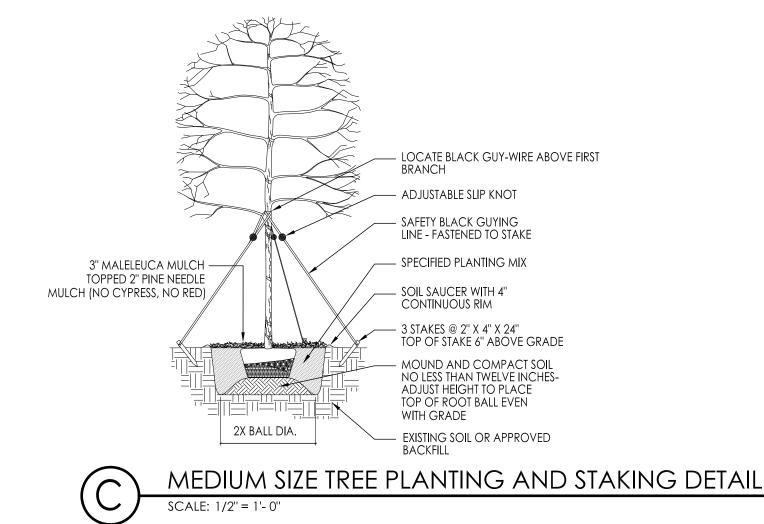
—— SPECIFIED GROUNDCOVER

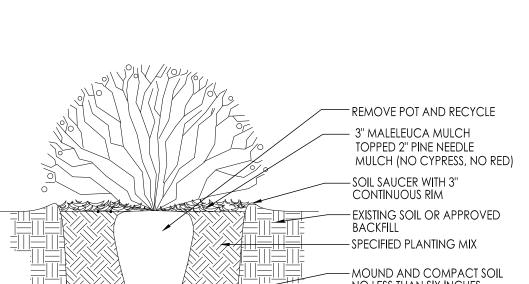
SCALE: 1/2" = 1'- 0"



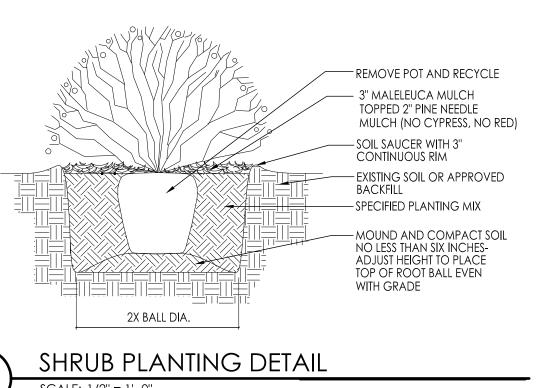
PALM PLANTING AND STAKING DETAIL







SHRUB PLANTING DETAIL



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www.raymondjungles.com

PROJECT NO.: 10056

REVISIONS: LANDSCAPE ARCHITECT: Raymond Jungles

REGISTRATION No. RLA-0856

PLANTING DETAILS

Scale: AS PER DETAIL

SHEET TITLE:

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LP-07