

RECEIVED  
215-081  
APR 20 2016  
MIAMI DADE COUNTY  
DEPARTMENT OF REGULATION AND  
ECONOMIC RESOURCES  
DEVELOPMENT SERVICES



3360 CORAL WAY  
SUITE 5  
MIAMI, FL 33145  
PHONE: (305) 774-9662  
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WWW.BELL-LA.COM

**VERIDIAN GROVE**  
8290 SW 120 ST | MIAMI, FL 33156

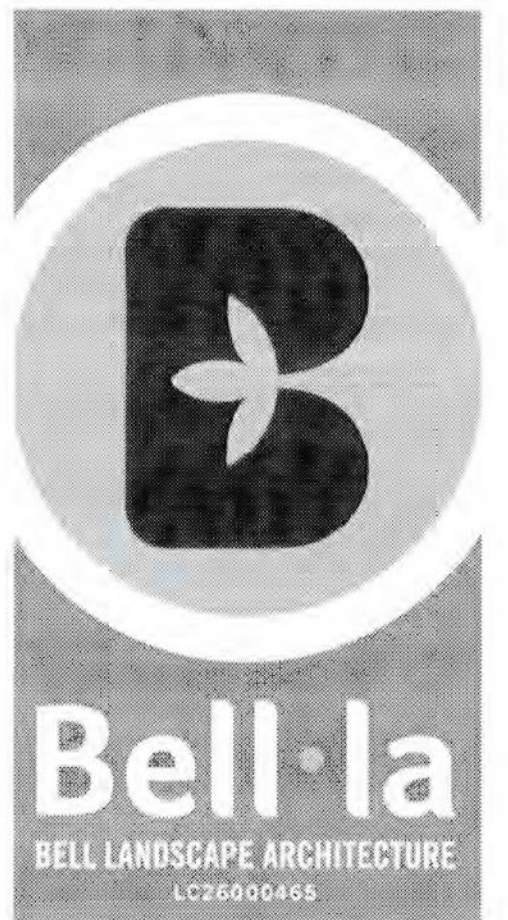
**PLANT LIST  
CLUBHOUSE**

TREES								
NEW	QTY	BOTANICAL NAME	COMMON NAME	INSTALLED HT. / SPEC.	CALIPER INSTALLED (DBH)	HEIGHT AT MATURITY	CANOPY DIAMETER AT MATURITY	NATIVE
NEW	1	<i>Delonix regia</i>	Royal Poinciana	35' HT. 40' Sp.	12"	40'	60'	No
PALMS								
NEW	1	<i>Dypsis cabadae</i>	Cabada Palm	12-14' OA HT.	2" each	30'	15'	No
NEW	7	<i>Cocos nucifera</i>	Coconut Palm	16'-18' HT.	4" each	80'-100'	20'	No
NEW	13	<i>Rhapis excelsa</i>	Lady Palm	10'-12' HT.	2" each	6'-12'	3'-12'	No
SHRUBS								
NEW	104	<i>Podocarpus macrophyllus</i>	Podocarpus Maki	3 Gallon - 30" O.C.	n/a	4'	2'	No
NEW	77	<i>Phloldendron 'Burle Marx'</i>	Phloldendron 'Burle Marx'	3 Gallon - 24" O.C.	n/a	3'	3'	No
GROUNDCOVERS								
NEW	380	<i>Ficus macrophylla</i>	Ficus "Green Island"	3 Gallon - 24" O.C.	n/a	3'	3'	No
NEW	15	<i>Echeveria, Bromeliads, Agave, etc</i>	Succulents	1 Gallon - Sunshine Tropicals	n/a	2'	2'	No
MISCELLANEOUS								
NEW / QTY	ITEM							
	St. Augustine "Palmetto" over Sharp Sand Bed - 2" Deep							
	St. Augustine "Palmetto" over Sharp Sand Bed - 2" Deep in R.O.W							
	80/20 Planting soil mixture. Quantity to be determined - 4" min. depth as per specs.							
	Shredded Eucalyptus Mulch - 2" Depth Min. - Black Mulch							

SHEET TITLE  
CLUBHOUSE  
PLANTING PLAN  
DATE  
07.21.2015  
DESIGN  
DEENA BELL  
JOSE D. FONSECA  
DRAWN  
JOSE D. FONSECA  
SCALE  
1"=10'-0"  
REVISIONS



DEENA R. BELL  
LICENSE NO. LA0001620  
SHEET NO.  
L-6



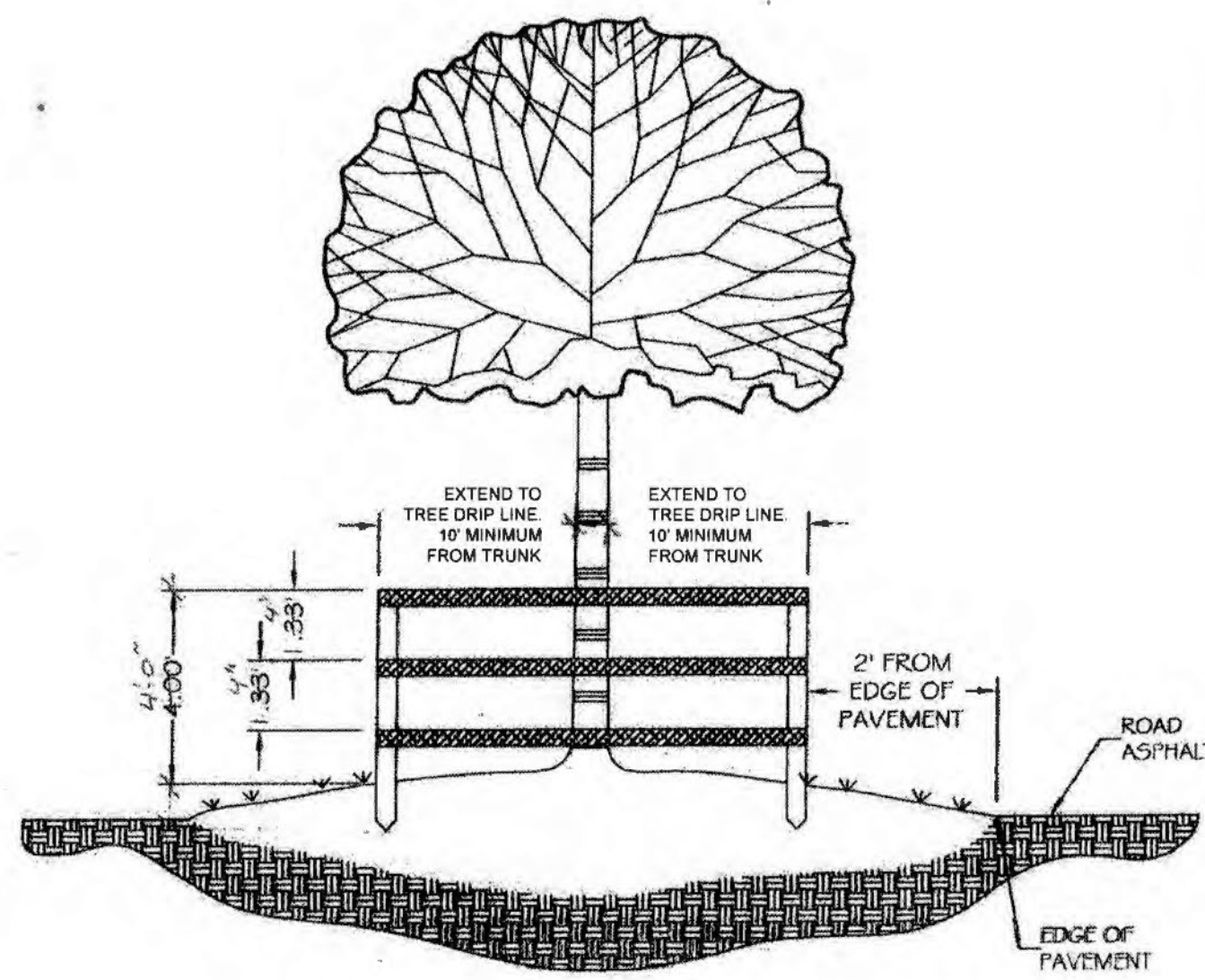
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ZONING: EU-M	LOT AREA: 443,876 S.F. (NET)	ACRES: 10.19
<b>OPEN SPACE:</b>		
A. SQUARE FEET OF REQUIRED OPEN SPACE AS INDICATED ON SITE PLAN: LOT AREA = 443,876 S.F. 20 % = 88,775 S.F.	REQUIRED/ALLOWED	PROVIDED
B. SQUARE FEET OF PARKING LOT OPEN SPACE REQUIRED BY ARTICLE 9, AS INDICATED ON SITE PLAN: NUMBER OF PARKING SPACES N/A X 10 S.F. PER PARKING SPACE =	N/A (RESIDENTIAL)	N/A (RESIDENTIAL)
C. TOTAL SQUARE FEET OF LANDSCAPED OPEN SPACE REQUIRED: A+B =	88,775 S.F.	88,775 S.F.
<b>LAWN AREA CALCULATION:</b>		
A. SQUARE FEET OF LANDSCAPED OPEN SPACE REQUIRED BY MIAMI-DADE:	88,775 S.F.	
B. MAXIMUM LAWN AREA (SOD) PERMITTED = 50 % X 88,775 S.F.	44,388 S.F.	42,852 S.F.
(EXCLUDING GRASS PARKING, SPORTS, PLAYGROUNDS, RIGHT-OF-WAYS AND STORM-WATER DETENTION AREAS)		
<b>TREES:</b>		
A. NUMBER OF TREES REQUIRED PER NET LOT ACRE, LESS EXISTING NUMBER OF TREES MEETING MINIMUM REQUIREMENTS =	92	125
9 TREES X 10.19 NET LOT ACRES - NUMBER OF EXISTING TREES =		
12' HT. MIN + 2" CALIPER		
B. % PALMS ALLOWED: NUMBER OF TREES PROVIDED X 30% =	28	26
C. % NATIVES REQUIRED: NUMBER OF TREES PROVIDED X 30% =	28	20
D. % DROUGHT TOLERANT AND LOW MAINTENANCE: NUMBER OF TREES PROVIDED X 20% =	18	5
E. STREET TREES (MAXIMUM AVERAGE SPACING OF 35' O.C.):		
4,435 LINEAR FEET ALONG STREET / 35 =	127	150
15' HT. MIN + 3" CALIPER, 4' C.T.		
% PALMS PERMITTED TO COUNT TOWARDS STREET TREES ON 1:1 BASIS X 30%:	N/A	N/A
15' HT. MIN AT 25' O.C., 10" DBH - 8' C.T.		
F. STREET TREES LOCATED DIRECTLY BENEATH POWER LINES: (MAXIMUM AVERAGE SPACING OF 25' O.C.):	36	47
8' HT. MINIMUM + 1 1/2" CALIPER, 4' C.T. MAINTAINED 5 BELOW POWER LINES		
<b>SHRUBS:</b>		
A. NUMBER OF SHRUBS REQUIRED: NUMBER OF TREES REQUIRED X 10 =	920	12,250
B. % NATIVE SHRUBS REQUIRED: NUMBER OF SHRUBS PROVIDED X 30% =	3,675	6,200
C. % DROUGHT TOLERANT AND LOW MAINTENANCE: NUMBER OF SHRUBS PROVIDED X 20% =	2,450	6,200

**ZONING DATA**

PROPOSED ZONING DISTRICT:.....	EU-M
NET LAND AREA:.....	10.19 ACRES
MAXIMUM NET DENSITY ALLOWED:.....	2.50 U/AC (25 LOTS)
NET DENSITY PROPOSED:.....	1.96 U/AC (20 LOTS)
MINIMUM LOT AREA ALLOWED:.....	15,000 S.F.
MINIMUM LOT AREA PROPOSED:.....	15,000 S.F.
MAXIMUM LOT COVERAGE ALLOWED:.....	30%
MAXIMUM LOT COVERAGE PROPOSED:.....	30%



- NOTES**
- WOODEN STAKES (2"x4"x1/2" MIN.) ON 5' CENTERS - TO SUPPORT RAIL FENCING
  - BARRIER TO FORM A CONTINUOUS BARRIER AROUND THE TREE OR GROUP OF TREES
  - THREE ROWS OF RAIL FENCING (2"x4" SPACED EQUALLY) TO BE PLACED AROUND ALL EXISTING TREES TO REMAIN
  - CONTRACTOR TO INSTALL PROTECTIVE FENCE BARRIER AROUND ALL EXISTING TREES TO REMAIN - AT THE START OF THE PROJECT - FENCE TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT
  - CONTRACTOR SHALL TAKE EXTRA CARE DURING EARTHWORK AND UTILITY OPERATIONS TO PROTECT ALL EXISTING TREES - AND SHALL BE RESPONSIBLE TO REPLACE ANY TREES DAMAGED DURING CONSTRUCTION.

**TREE PROTECTION STANDARD DETAIL**

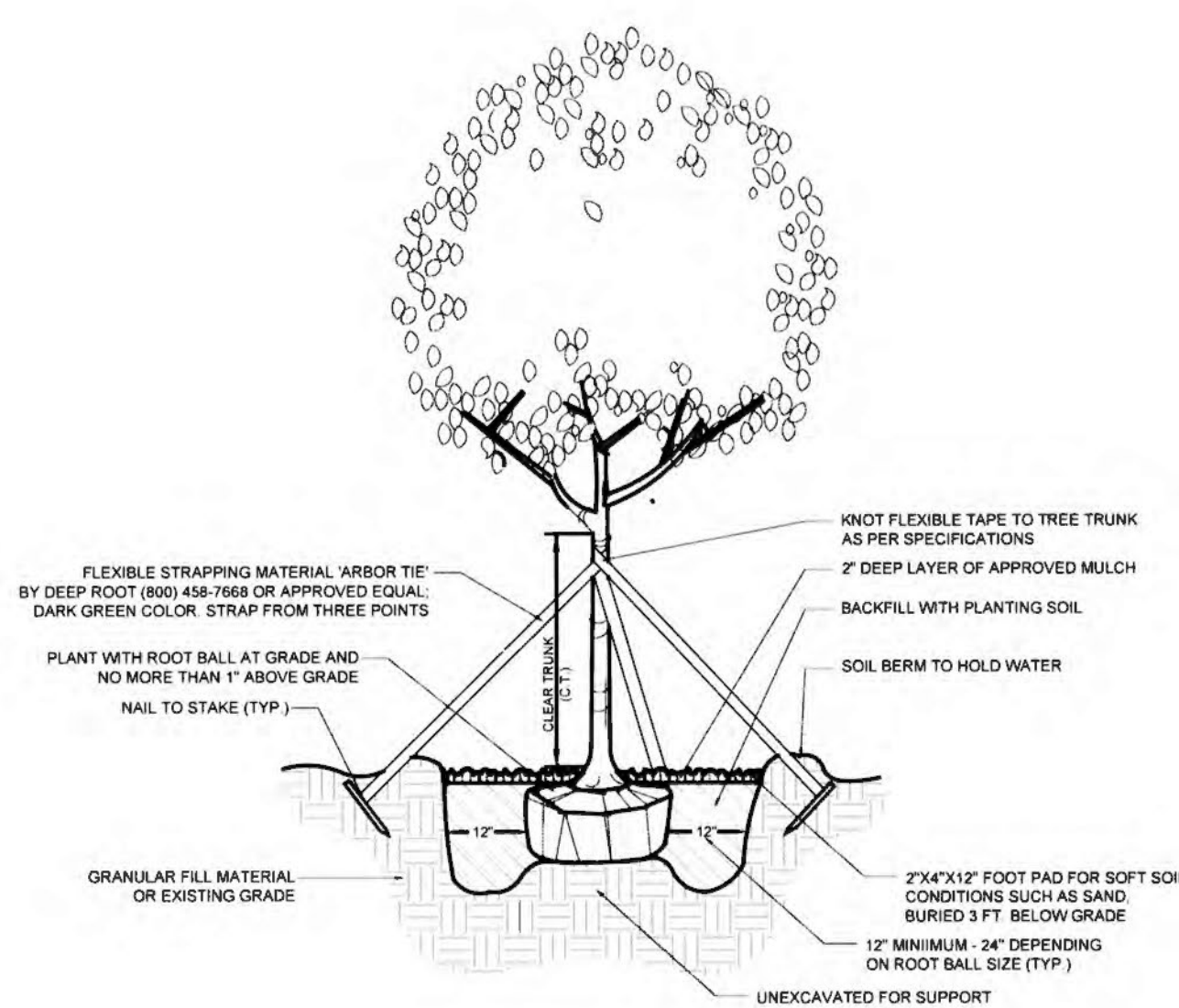
N.T.S.

**TREE AND PALM PROTECTION NOTES:**

- Before beginning work, the Contractor is required to meet with the Landscape Architect at the site to review all work procedures, access routes, storage areas, and tree protection measures.
- Fences shall be erected to protect trees to be preserved. Fences define a specific protection zone from 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.
- All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be funneled or bored under the tree line.
- No materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree protection zone (fenced area).
- Additional tree pruning required for clearance during construction must be performed by a qualified arborist and not by construction personnel.
- 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.
- 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 must be monitored by the Landscape Contractor.
- 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.
- 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 zone.
- 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.
- Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
- 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.
- Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporary or permanently.
- 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.
- Maintain fire-safe areas around the fences. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.

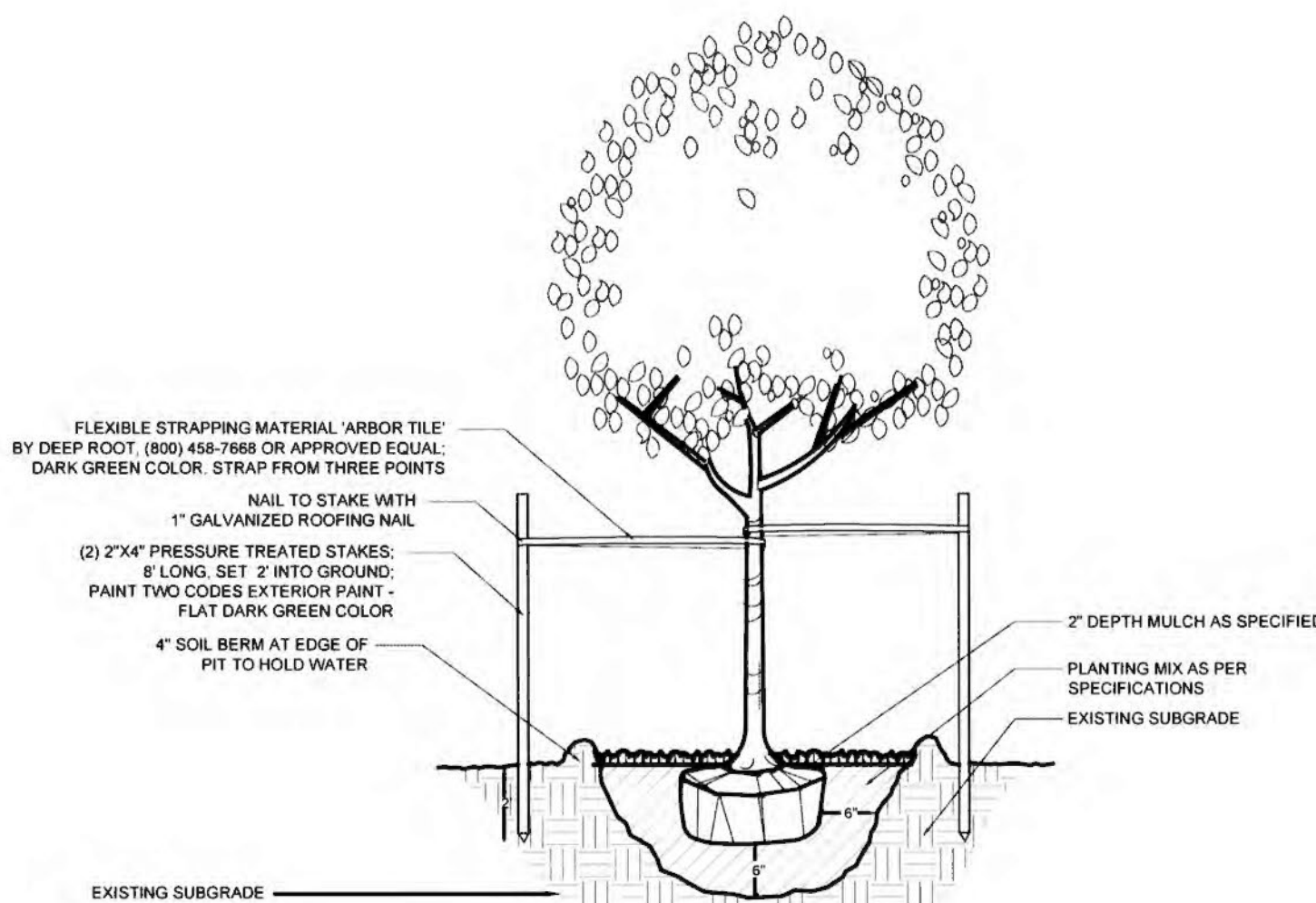
**TREE AND PALM TRANSPLANTING NOTES:**

- Certified arborist is to be hired to supervise and direct all phases of transplanting trees and palms.
- Trees to be relocated shall be root pruned a minimum of eight weeks prior to transplanting. Landscape Contractor shall maintain transplanted materials during construction period by watering, moving, spraying, fertilizing, and pruning.
- Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All utility companies and/or the General Contractor shall be notified to verify locations prior to digging. Utility trenching is to be coordinated with the Landscape prior to beginning of project. The Owner and Landscape Architect shall not be responsible for damage to utility or irrigation lines.
- The Landscape Contractor shall comply with all local and State codes and shall be responsible for obtaining all applicable permits.
- The Landscape Contractor shall regularly inspect the relocated materials to ensure compliance with standard horticultural practices
- The Landscape Contractor is responsible for guaranteeing the transplanted trees and palms for a period of one year. At the time of the final inspection all transplanted trees and palms that are not health growing condition shall be replaced by the Landscape Contractor.
- Root Pruning and Transplanting Operations: The Landscape Contractor shall take all precautions to minimize shock of root pruning and transplanting in accordance with standard arboriculture procedures including:
  - The diameter of the root-pruning or transplanting circle shall be at a distance away from the trunk equal to 12 times each inch of trunk diameter at breast height.
  - All small roots shall be cleanly cut with a sharp spade, a clean saw or chainsaw depending on the size of the root.
  - Trees shall not be pruned at transplanting to compensate for root loss. Any trimming required shall be as per the International Society of Arboriculture Trimming Standards.
  - For all palms except Sabal palmetto, the lower fronds shall be pruned leaving 9-11 fronds that can be tied without an extensive amount of weight that may damage the heart of the palm. The Sabal palmetto shall have all fronds cut without damaging the bud.
  - After root pruning trees, backfill roots to original existing grade with existing soil free of any deleterious material to root growth.
  - Provide a minimum of 3" mulch over backfill area to prevent weed growth, conserve moisture and prevent evaporation. Keep mulch 6" away from the trunk.
  - Provide tree protection as per Tree Protection Detail to ensure that the tree or root system is not damaged during the root-pruning period.
  - After root pruning, during root regeneration period trees shall be watered as per standard horticultural practices.
  - Immediately prior to transplanting tie the branches of the tree up to avoid damage.
  - The root ball shall be wrapped with burlap to protect the soil around the roots and protect the roots from drying out at time of moving from the hole.
  - Finish cutting of root ball for transplanting.
  - Transplanting must occur within 24 hours after being dug for relocation. Trees/Palms should be kept in shade and the canopy kept moist.
  - Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
  - The depth of the new hole shall be minimum equal to the depth of the root ball and the width shall be minimum equal to three times the width of the root ball. The Landscape Contractor is to verify that all new holes have appropriate percolation. Landscape Contractor is to report to the Landscape Architect if water percolation does not meet requirements for healthy plant growth.
  - Trees and palms shall be lifted from the ground with heavy equipment designed specifically for tree relocation so that the trunk and crown is not impacted and damaged by the equipment.
  - The slings used to lift the trees and heavy weight palms shall be non-binding nylon type slings that are wrapped under the root ball to support the weight of tree or heavy palm. Slings shall not be solely wrapped around the trunk of the tree that can cause damage, girdling and result in decline and death of the tree.
  - The slings used to lift the lighter weight palms shall be non-binding nylon type slings that are wrapped around the trunk to support the weight of the palm. Padding the sling may be necessary so that the trunk or "boots" are not damaged.
  - Tree should be planted 2" max higher than their original planting level prior to relocation. Palms shall be planted at the same elevation prior to relocation. The tree and palm shall be centrally positioned in the planting hole and set straight, plumb or normal to the growth pattern prior to transplanting.
  - The trees and palms shall be backfilled with existing soil free of deleterious material to plant growth.
  - Trees and palms shall be deep root watered to eliminate air pockets in the backfill mix prior to mulching.
  - A 6" saucer shall be created around the edge of the plant pit to help hold water, see planting detail for additional information.
  - Provide a minimum of 3" layer of mulch over saucer and backfill area outside saucer to prevent the weed growth, conserve moisture, and prevent evaporation. Keep mulch 6" away from the trunk.
  - Install tree and palm bracing as per attached details, to ensure stability of tree and palm during time period to and after transplanting, stake trees and palms after transplanting only is required to keep them stable.
  - Over the guarantee period the Landscape Contractor is responsible for resetting any trees/palms that are not vertical when caused by winds less than 75 MPH.
  - After transplanting trees and palms, the Landscape Contractor shall be responsible for obtaining water and watering to maintain soil moisture during the guarantee period at a minimum of:
    - First month - Daily; Second month - 3 times per week; Third and Fourth month - 2 times per week; Last Eight months - 1 time per week. For trees over 4" in caliper at the time of planting, the schedule should be: First 6 weeks - Daily; from 1.5 months to 6 months - 3 times per week, last 6 months - 1 time per week.



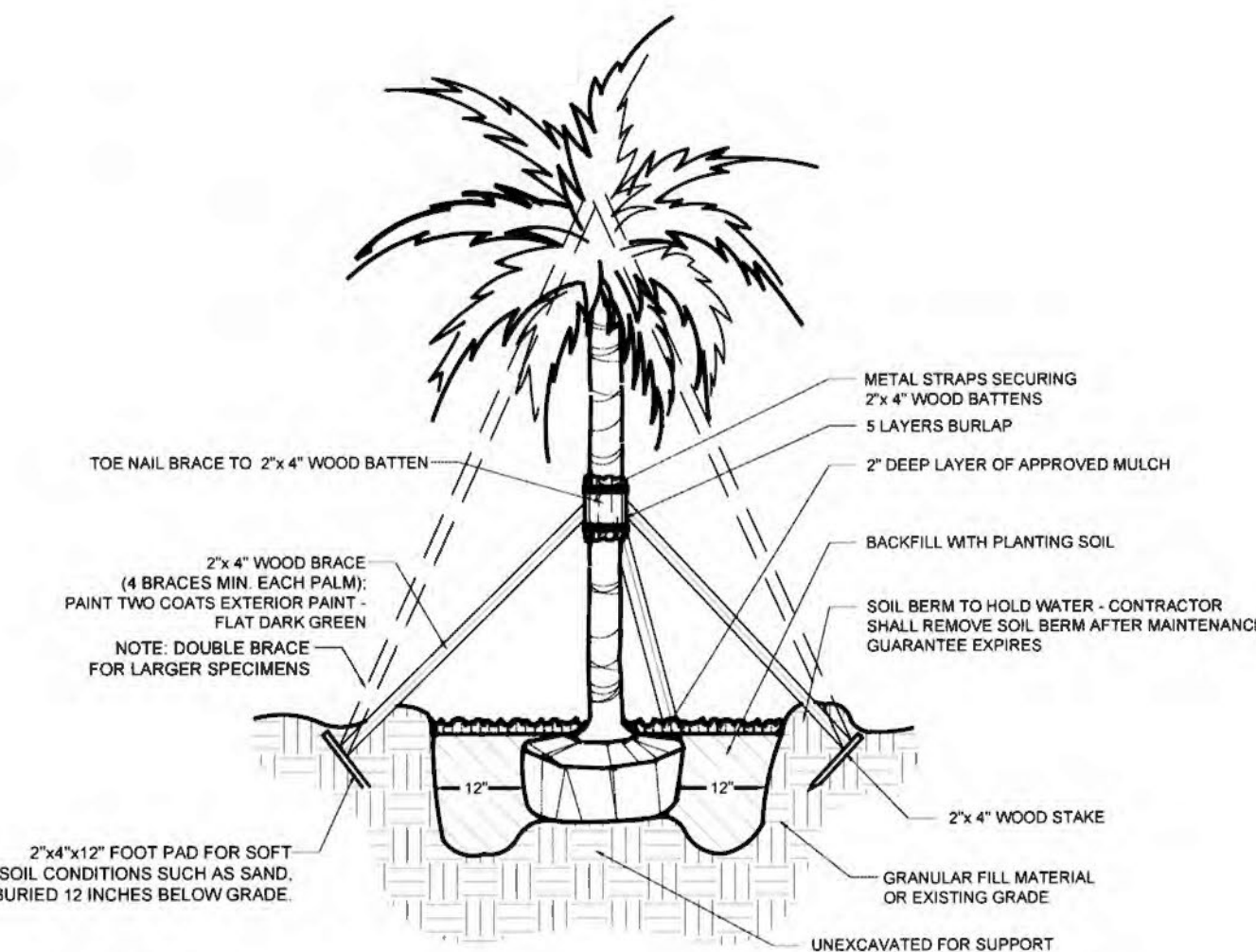
**SMALL TREE PLANTING & GUYING DETAIL**

TREES: 4' - 8' HEIGHT N.T.S.



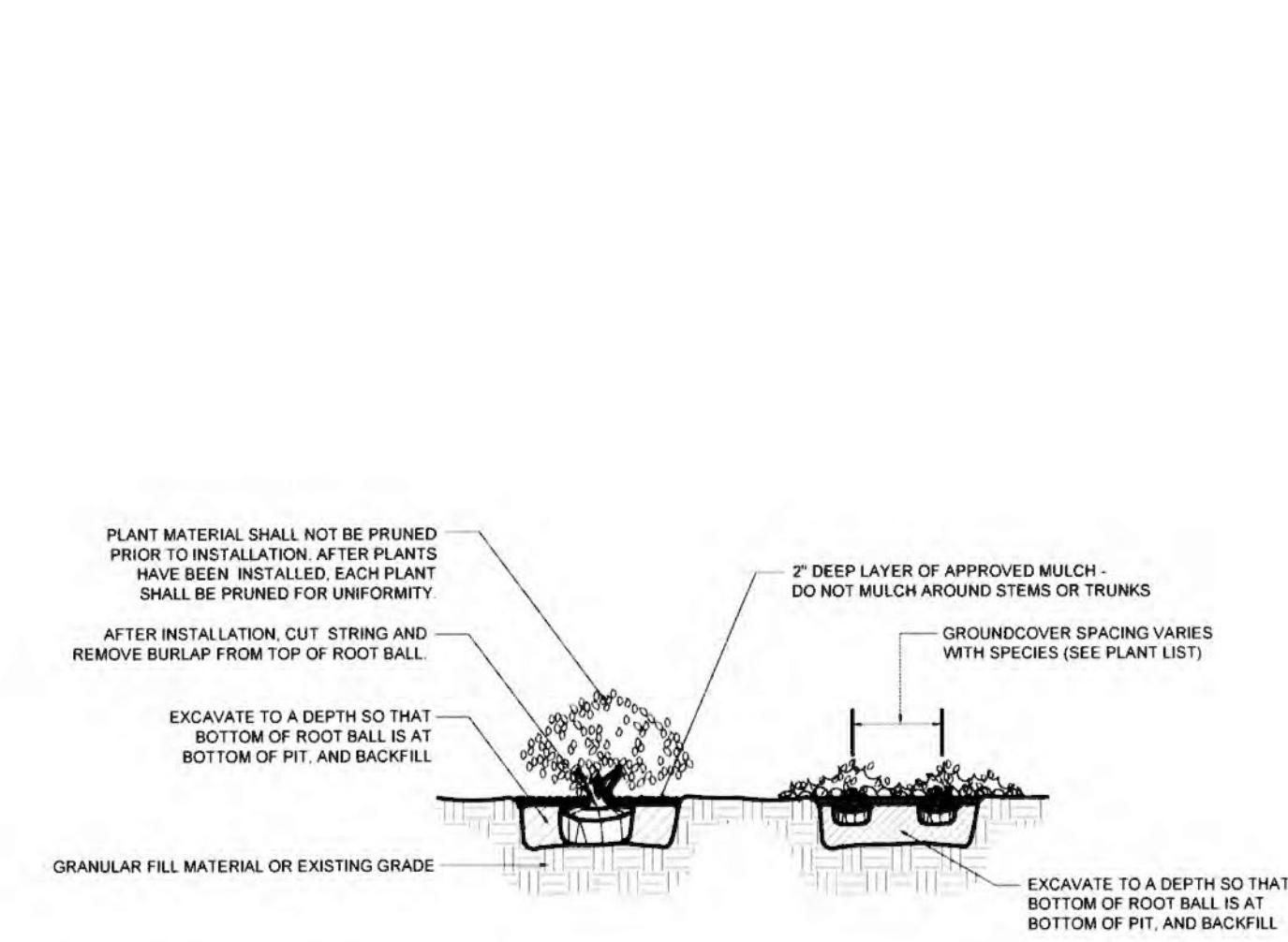
**SPECIMEN TREE GUYING DETAIL**

TREES: 4' - 8' HEIGHT N.T.S.



**SPECIMEN TREE OR PALM PLANTING DETAIL**

TREES & PALMS: 10' & LARGER N.T.S.



**SHRUB & GROUNDCOVER PLANTING DETAIL**

N.T.S.

SHEET TITLE  
PLANTING  
DETAILS  
DATE  
07.21.2015

DESIGN  
DEENA BELL  
JOSE D. FONSECA  
DRAWN  
JOSE D. FONSECA  
SCALE

REVISIONS

SEAL



DEENA R. BELL  
LICENSE NO. LA0001620

SHEET NO.  
L-7