

1 Existing Tree Disposition Plan  
SCALE: 3/32" = 1'-0"

### TREE DISPOSITION LEGEND

Tree/Palm Number (TYP)

- Existing TREE/PALM TO REMAIN  
Refer to Tree Protection Notes and Tree Protection Zone Detail.
- Existing TREE/PALM TO BE TRANSPLANTED
- Existing TREE/PALM TO BE REMOVED

Symbols do not show the actual canopy of the trees, for clarity, always cross check with Existing Tree Disposition List for sizes and disposition status. Contact landscape architect / ISA certified arborist for clarification on any discrepancies.

CITY OF MIAMI BEACH TREE MITIGATION SUMMARY CHART					
PROPOSED CANOPY LOSS					
403 Proposed Canopy Loss (see Existing Tree Disposition List)					
282 - 70% of canopy mitigation must be met with new trees					
121 - 30% of canopy mitigation may be met with palms					
REQUIRED CANOPY MITIGATION					403
QUANTITY	REPLACEMENT CANOPY TYPE	MIN. SIZE AT PLANTING	CANOPY CREDIT (Sq.Ft)	CANOPY MITIGATED (Sq.Ft)	
2	Category 1 Trees	12' OAH * 2" Cal.	300	600	
2	Category 2 Trees	10' OAH * 2" Cal.	150	300	
2	Category 3 Trees	8' OAH * 2" Cal.	100	200	
3	Category 4 Palms	6' Clear trunk	50	150	
PROVIDED CANOPY MITIGATION					1,250
ALL TREES AND PALMS SHOULD BE FLORIDA GRADE #1 OR BETTER					

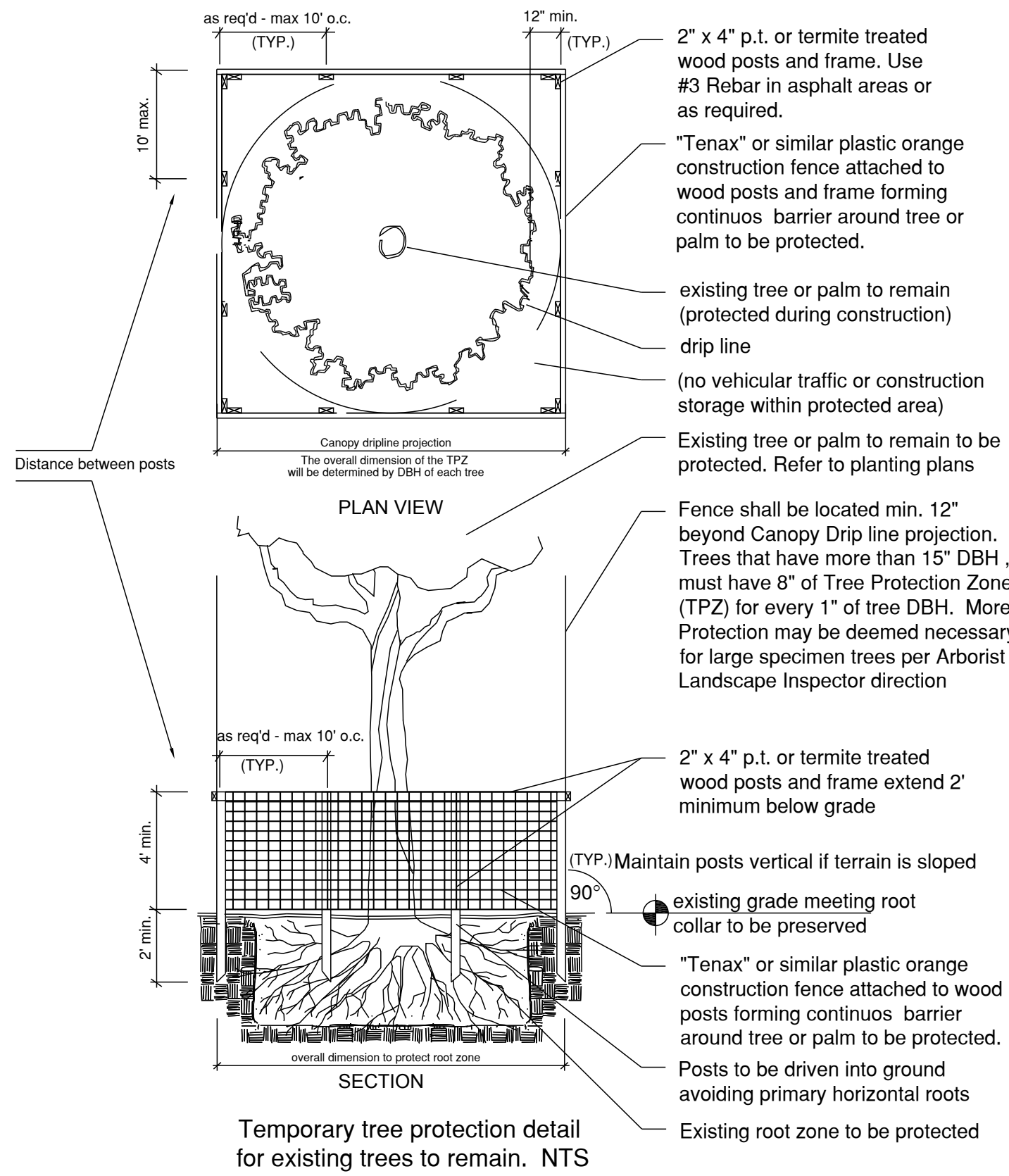
- Before beginning work, the Contractor is required to meet with the Landscape Architect at the site to review all work procedures, access routes, storage areas, and tree protection measures.
- The General Contractor is required to coordinate with the Landscape Architect to determine the amount of tree canopy or root zone that the General Contractor will be responsible for pruning. THE TRIMMING SHALL BE AS PER ANSI A300 STANDARDS.
- Fences shall be erected to protect trees to be preserved. Fences define a specific Tree Protection Zone (TPZ) 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 PROTECTION ZONE (TPZ) 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 tunneled or bored under the tree.
- 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 ISA qualified arborist AS PER ANSI A300 STANDARDS, 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, 2-3 GALLONS OF WATER PER INCH OF TRUNK CALIPER.
- All trees to remain on-site shall be fertilized three times per year using a granular 8-12-12 "Palm Special" product at standard rates. Fertilizer shall be broadcast on the ground beneath the canopy of each tree and watered in.
- 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.
- 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.
- Spill from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily 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 fenced areas. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.

3 Existing Tree Protection Notes  
SCALE: N.T.S.

NUMBER	BOTANICAL NAME	COMMON NAME	HEIGHT (FT)	SPREAD (FT)	DIAMETER DBH (IN)	CANOPY (SQ.FT)	CONDITION	ACTION	COMMENTS
1	Peltophorum pterocarpum	Yellow Poinciana	30	30	36	0	Good	Remain	Protect during construction
2	Dypsis lutescens	Areca Palm	20	15	7 Trunks @ 4	177	Poor	Remove	
3	Dypsis lutescens	Areca Palm	18	12	4 Trunks @ 4	113	Poor	Remove	
4	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	18	0	Fair	Remain	Protect during construction
5	Cocos nucifera 'Green Malayan'	Coconut Palm	18	12	18	0	Good	Remain	Protect during construction
6	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	18	0	Good	Remain	Protect during construction
7	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	18	0	Good	Remain	Protect during construction
8	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	12	0	Good	Remain	Protect during construction
9	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	18	0	Good	Remain	Protect during construction
10	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
11	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
12	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
13	Cocos nucifera 'Green Malayan'	Coconut Palm	15	10	18	0	Good	Remain	Protect during construction
14	Mangifera indica	Mango	22	15	12	0	Fair	Remain	Protect during construction
15	Mangifera indica	Mango	22	15	3 Trunks @ 6	0	Fair	Remain	Protect during construction
16	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
17	Streptocarpus nictitans	White Bird of Paradise	20	10	4 Trunks @ 6	0	Fair	Remain	Protect during construction
18	Bismarckia nobilis 'Silver'	Silver Bismarck Palm	18	18	20	0	Good	Remain	Protect during construction
19	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
20	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
21	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
22	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
23	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
24	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
25	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
26	Ravenala madagascariensis	Traveler's Palm	22	15	24	0	Fair	Remain	Protect during construction
27	Wodyetia bifurcata	Foxtail Palm	20	12	8	113	Fair	Remove	
28	Ficus benjamina	Weeping Fig	30	35	36	0	Good	Remain	Protect during construction

TOTAL PROPOSED CANOPY LOSS (in square feet)	403
All Shrubs/Vegetation Not Shown On This Schedule Are To Be Removed.	

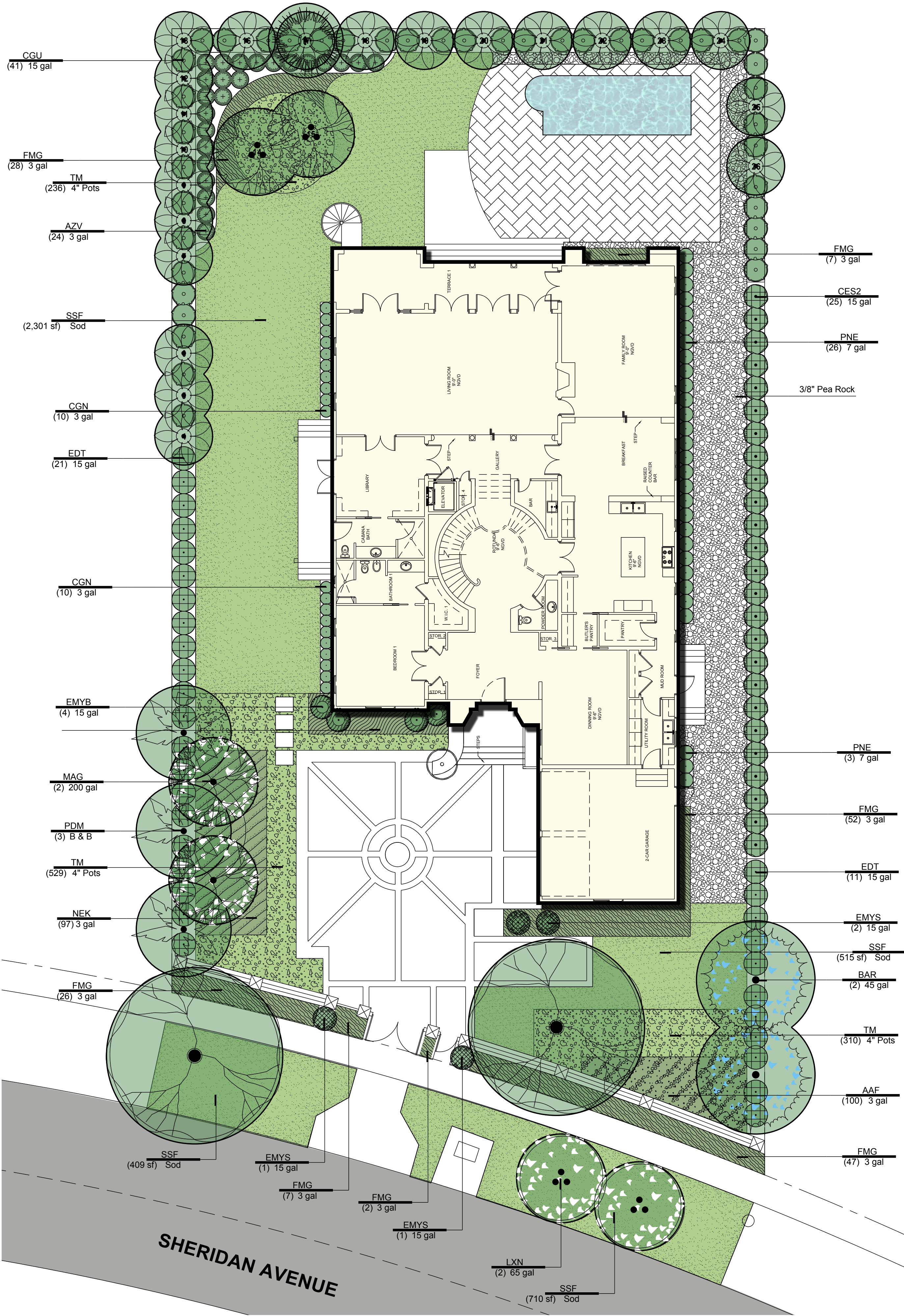
4 Existing Tree Disposition List  
SCALE: N.T.S.



2 Existing Tree Protection Detail  
SCALE: N.T.S.

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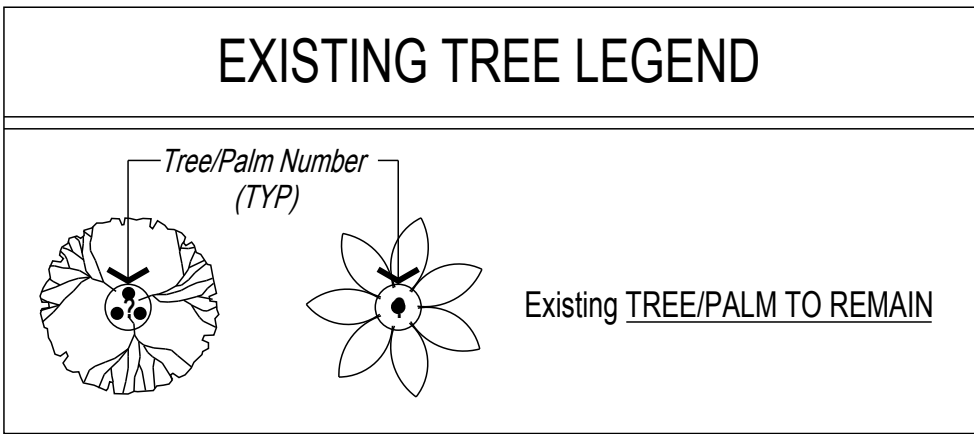


- NOTES:
- All mechanical equipment including, but not limited to Back Flow Preventor, Pumps, Electric, Phone or Cable Boxes, Lift Stations, Etc. shall be screened on 3 sides from view using an approved hedge, fence or wall.
  - All light poles if any shown on plan shall be a minimum of 15' from tree locations.
  - 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 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.
  - 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 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, City Urban Forester and or City Planning Department staff. 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 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 sensor must be part of the irrigation system.
  - Landscape Contractor shall be responsible for providing temporary hand watering to all proposed & landscape areas, during construction.
  - The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the 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.
  - 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.

### 3 General Planting Notes

SCALE: N.T.S.



#### PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HGT	SPRD	REMARKS
LXN	2	Lagerstroemia x 'Natchez'	White Crape Myrtle Multi-Trunk	65 gal	3"	12'-14' OA	6'-8"	Drought Tolerant / Listed in the Miami Dade Landscape Manual
FLOWERING TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HGT	SPRD	REMARKS
BAR	2	Bulnesia arborea	Verawood	45 gal	3"	12' OA	5'	
MAG	2	Magnolia grandiflora 'Little Gem'	Dwarf Southern Magnolia	200 gal	5.5"	12' OA	9'	Florida Native - Drought Tolerant - Listed in the Miami Dade
PALM TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	HGT	SPRD	REMARKS
PDM	3	Phoenix dactylifera 'Medjool'	Date Palm	B & B	18"	14' CT	16'	Drought Tolerant / Listed in the Miami Dade Landscape Manual
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SPRD	SPACING	REMARKS
AZV	24	Alpinia zerumbet 'Variegata'	Variegated Shell Ginger	3 gal	3'	1.5'	36" o.c.	Listed in the Miami Dade Landscape Manual
CGU	41	Clusia guttifera	Small-Leaf Clusia	15 gal	6"	4'	48" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
CGN	20	Clusia guttifera nana	Dwaft Clusia	3 gal	18"-24" OA	18"-24"	24" o.c.	
CES2	25	Conocarpus erectus sericeus	Silver Button Wood	15 gal	2"	8' OA	48" o.c.	Shrub Type - Florida Native - Miami-Dade Landscape Manual
EDT	32	Elaeocarpus decipiens TM	Japanese Blueberry Tree	15 gal	8"	4'	48" o.c.	
EMYS	4	Eugenia myrtifolia	Brush Cherry Topiary	15 gal	6"	3'	48" o.c.	Topiary - Spiral
EMYB	4	Eugenia myrtifolia	Brush Cherry Topiary	15 gal	6"	3'	48" o.c.	Topiary - 3 Balls
PNE	29	Psychotria nervosa	Wild Coffee	7 gal	3'	2.5'	30" o.c.	Florida Native - Miami-Dade Landscape Manual
SHRUB AREAS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SPRD	SPACING	REMARKS
AAF	100	Agapanthus africanus	Lily of the Nile	3 gal			18" o.c.	
FMG	169	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gal			24" o.c.	
NEK	97	Nephrolepis exaltata 'Kimberly Queen'	Kimberly Fern	3 gal	1.5'	2'	24" o.c.	Florida Native - Miami-Dade Landscape Manual
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SPRD	SPACING	REMARKS
TM	1,075	Trachelospermum asiaticum 'Minima'	Minima Jasmine	4" Pots			12" o.c.	
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	SPRD	SPACING	REMARKS
SSF	3,935 sf	Stenotaphrum secundatum 'Floritam'	Floritam St. Augustine Sod	Sod				

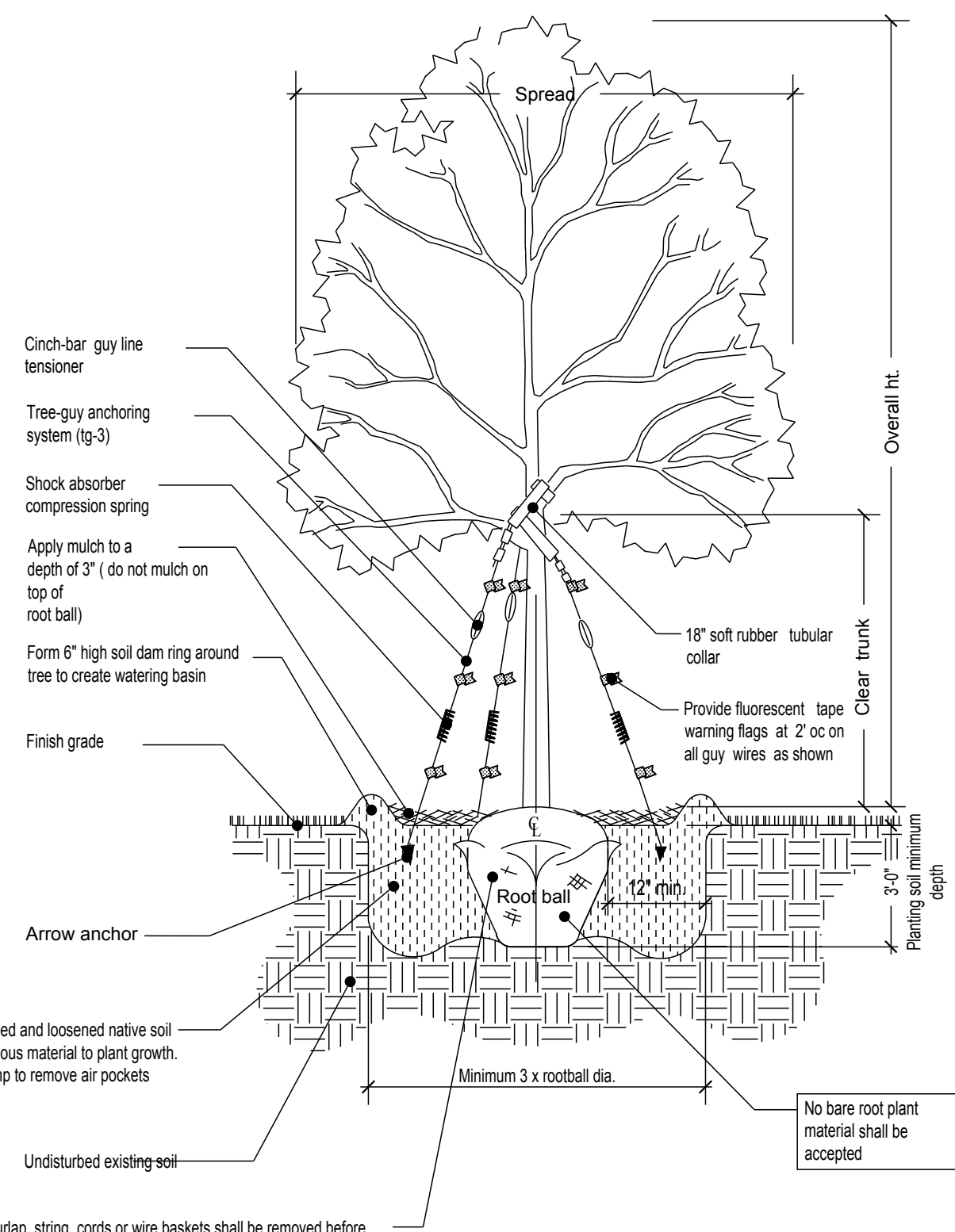
#### PLANTING NOTES

- 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.
- Landscape Contractor shall guarantee all plant material for a period of one year from the day of final acceptance by the Landscape Architect.
- 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. City Urban Forester and or Planning Department staff to approve all ROW trees, palms and plant material before they are planted to ensure Florida Grade No. 1 status. Failure to schedule an approval inspection could result in rejection of all the proposed plant material.
- Landscape Contractor is responsible for scheduling a nursery visit for Landscape Architect to approve all trees, palms and shrubs prior to delivery to the project site.
- Landscape Architect shall be notified 5 days min. prior nursery visit.
- 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. 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.
- 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 proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is not impeded.
- 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.
- Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Enviro mulch immediately after planting. In no case shall Cypress mulch be used. Mulch shall not be applied within 6" of any tree or palm trunks that are installed or incorporated into the project.
- 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 penetrate the outer surface of trees and palms. All guying and staking shall be removed from all trees and palms within twelve months after planting. Exceptions require written authorization from the City Urban Forester.
- All palm and tree guy wires and bracing are to be flagged for visibility, for their duration. All unattended and unattended tree pits shall be properly barricaded and flagged during construction.
- 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. Should any corrective structural pruning be necessary for trees onsite, due to clearance, safety or for construction related reasons the pruning shall be performed by an ISA or ASCA Certified Arborist in accordance with the latest version of the ANSI A-300 pruning standards and good horticultural practices. The City Urban Forester shall be provided with a written copy of the proposed pruning plan including the reasons why pruning is necessary, prior to the pruning activities taking place.
- Landscape Contractor shall fertilize plant material as needed to support optimum healthy plant growth. All fertilization shall be performed in compliance with the latest ANSI A300 (Part 2) Standards.
- Stake all trees and palms for approval by Landscape Architect prior to installation.
- Any sod areas damaged by construction are to be replaced with St. Augustine 'Floritam' sod.
- St. Augustine 'Floritam' - Contractor's responsibility to verify quantity.
- 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.

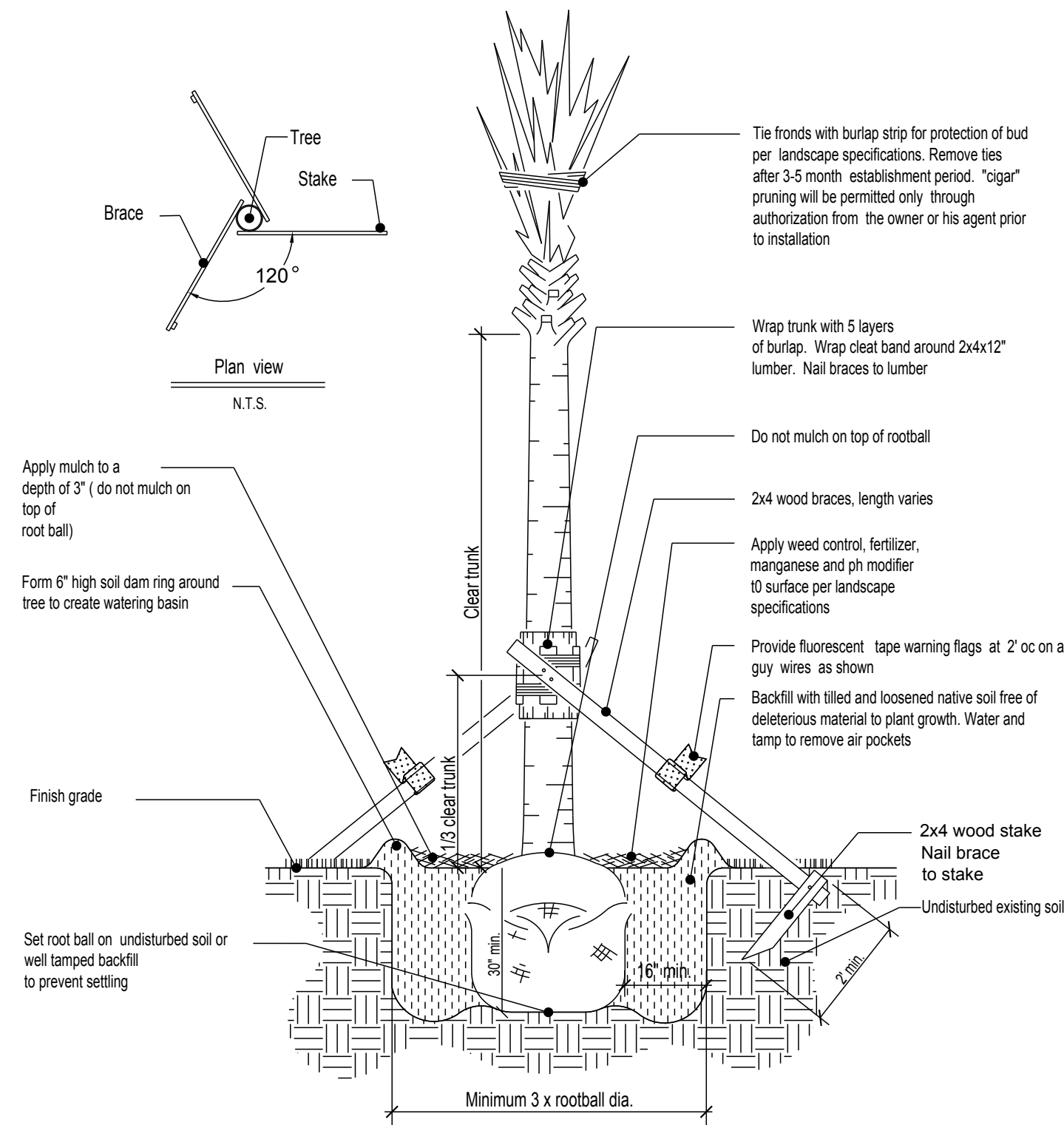
LANDSCAPE REQUIREMENTS (Single Family Home)		
City of Miami Beach, Florida Code of Ordinances & Miami-Dade County Ordinance		
TREES	Required	Provided
<b>Street Trees:</b> One canopy tree or grouping of three palms shall be provided for every 25 linear feet of frontage. Length of Sheridan Avenue: 105 feet / 25 feet = 4 Minimum Height at time of planting: 12' / Minimum Caliper at time of planting: 2" / Minimum CT at time of planting: 4'	4	4 2 Existing Trees and 2 Proposed
Palms which meet all of the following requirements shall count as a required street tree on the basis of one (1) palm per tree: Minimum canopy of 15' at maturity / Minimum OA at time of planting: 14' / Minimum Caliper at time of planting: 4" An average maximum spacing of twenty-five (25) feet on center.		
<b>Lot Trees</b> (In addition to Street Trees): 3 trees per lot. Minimum Height at time of planting: 10' / Minimum Caliper at time of planting: 2" No less than 30 % of the required trees shall be native species. Native Species: Minimum Height at time of planting: 8' / Minimum Caliper at time of planting: 1 1/2"	3	7 2
Palms which meet all of the following requirements shall count as a required tree on the basis of two (2) palms-per tree, except as provided herein for palms used as of street trees. Minimum Overall Height at time of planting: 10' / Minimum Caliper at time of planting: 3"		3 Palms = 1
<b>Total of Required Trees</b> No less than 30 % of the required trees shall be native species. No less than 50% of the required trees shall be low maintenance and drought tolerant species. No more than 30 % of the minimum tree requirements shall be palms. 80% of the trees shall be listed in the Miami Dade Landscape Manual, The Miami Dade Street Tree Master Plan and/or The University of Florida's Low-Maintenance Landscape Plants for South Florida List.	7 2 3 2 4	10 2 3 1 7
<b>SHRUBS</b> 10 Units (Shrubs) per required lot tree. No less than 30 % of the required shrubs shall be native species. No less than 50% of the required shrubs shall be low maintenance and drought tolerant species. 80% of the shrubs shall be listed in the Miami Dade Landscape Manual, The Miami Dade Street	30 9 15 24	198 100 41 124



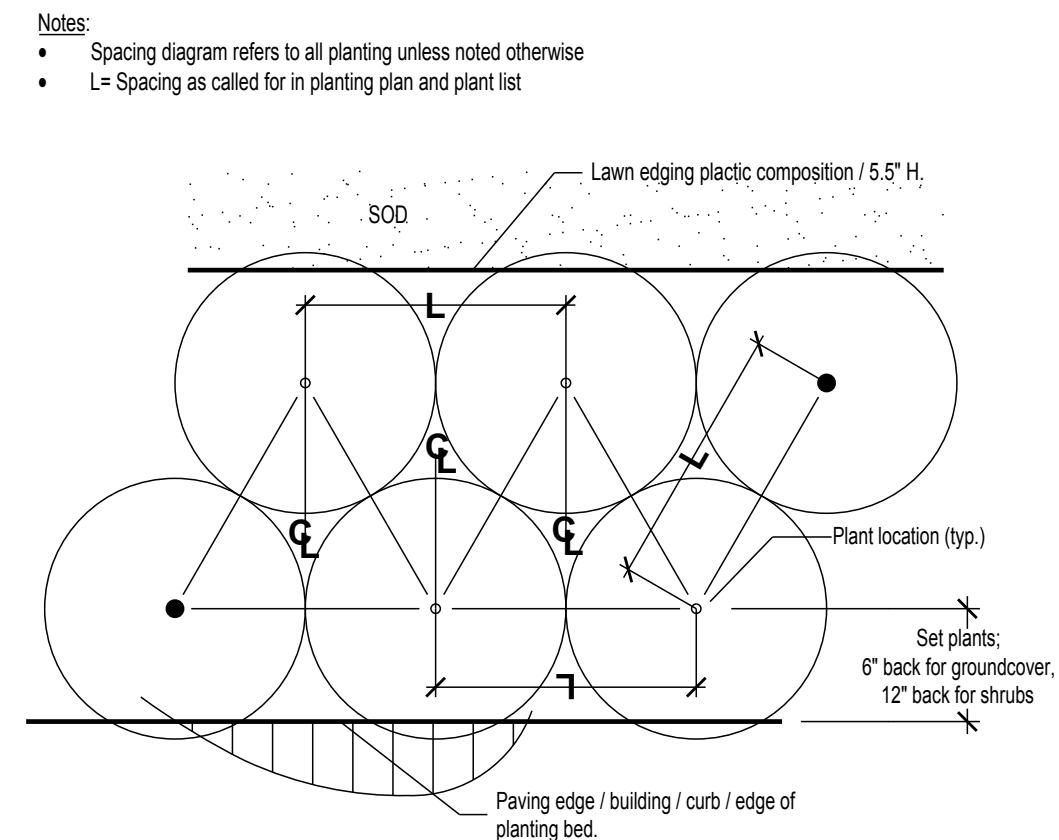




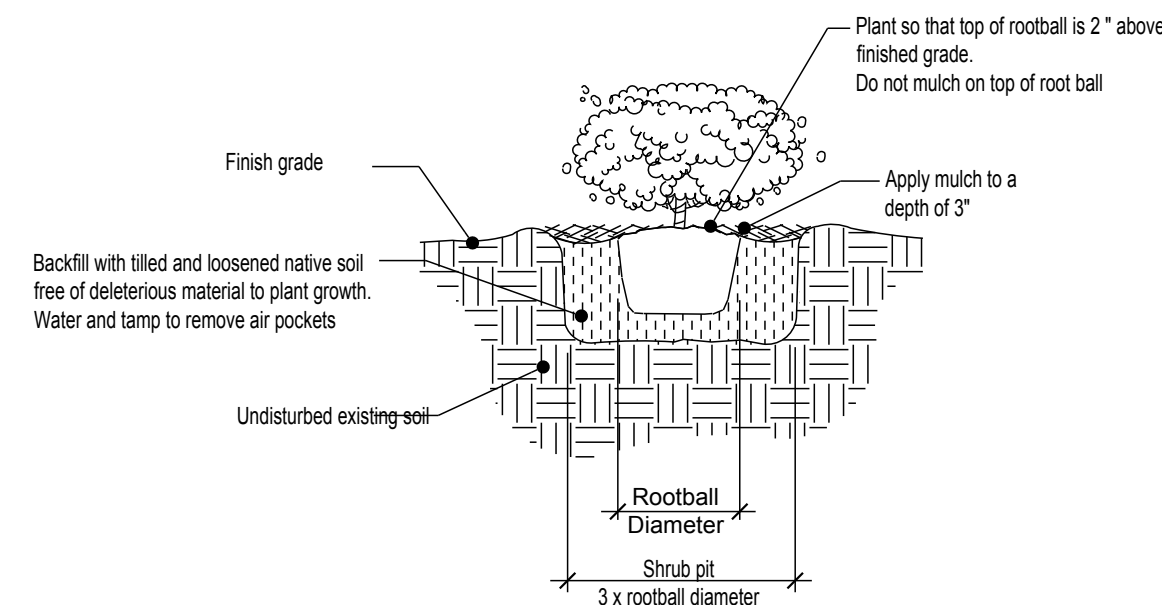
1 Tree Planting Detail  
SCALE: N.T.S.



2 Palm Planting Detail  
SCALE: N.T.S.



3 Shrubs Planting Detail  
SCALE: N.T.S.



4 Shrubs Planting Detail  
SCALE: N.T.S.



White Crape Myrtle



Verawood



Dwarf Southern Magnolia



Date Palm



Variegated Shell Ginger



Small-Leaf Clusia



Silver Button Wood



Japanese Blueberry Tree



Brush Cherry Topiary



Wild Coffee



Lily of the Nile



Green Island Ficus



Minima Jasmine

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PROJ. NO.: 00-000-00  
ISSUE DATE: 00-00-2016  
PLOT DATE: 00-00-2016  
SCALE: AS NOTED  
DRAWN BY: JM  
CHECKED BY: DC/PEC

Landscape Details  
& Plant Images

L300

SCOPE OF WORK: NEW RESIDENCE

SHERIDAN RESIDENCE

3732 SHERIDAN AVENUE  
MIAMI BEACH, FLORIDA 33140

REVISION NO. DATE COMMENTS

SO ARCH

ARCHITECTURE - INTERIORS - PLANNING - SUSTAINABLE DESIGN - VISUALIZATION

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