



HIBISCUS ISLAND RESIDENCE  
MIAMI BEACH DESIGN REVIEW BOARD SUBMITTAL

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EXISTING TREES #3, #4, #5 & #6, LOCATED IN R.O.W. IN VERY POOR CONDITION AND PROPOSED FOR REMOVAL

TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE TO REMAIN, BE PROTECTED, or BE RELOCATED

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.

FENCE SHALL EXTEND A MINIMUM OF 8' BEYOND TRUNK FOR EVERY 1' OF DBH AS PER C.M.B. GUIDELINES.

TREE + PALM PROTECTION BARRIERS TO EXTEND BEYOND THE 'DRIPLINE' or TO THE 'CRITICAL ROOT ZONE AREA' OF ALL TREES / PALMS TO BE PROTECTED. EXTEND WHERE NECESSARY TO PROTECT TREE CANOPY ROOTS.

IN-GROUND METAL POLES AT 8' SPACING.

MINIMUM 4' HEIGHT PREMANUFACTURED CONTINUOUS CHAIN LINK FENCE BARRIER

PROTECTION DETAIL NOTE  
CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

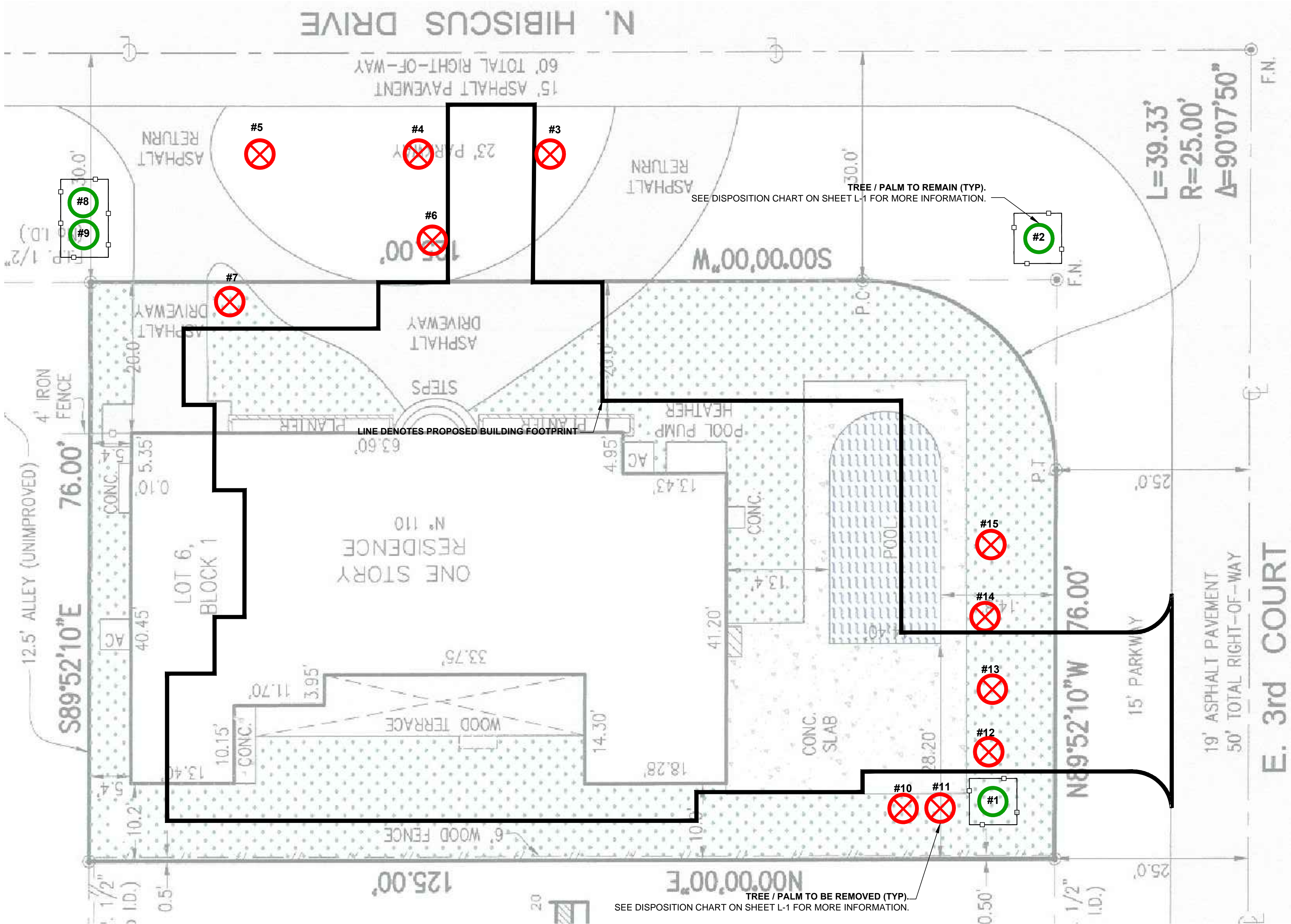
**C.M.B. TREE / PALM PROTEC. DETAIL (CHAINLINK)**

N.T.S.

- C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT CONDITIONS**
- SHOULD ANY EXISTING TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTIONS REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH MIAMI BEACH CODE, THE MOST CURRENT ANSI A-300 PRUNING STANDARDS AND OR AN ISSUED CITY OF MIAMI BEACH TREE WORK PERMIT. ANY CORRECTIVE PRUNING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.
  - CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION TRENCHING THROUGH EXISTING TREE OR PALM DRIPLINES OF TREES SLATED TO REMAIN IN PLACE OR BE RELOCATED. IF CONSTRUCTION REQUIRES THE CUTTING OF ANY ROOTS WITH A DIAMETER OF 2" OR GREATER, ROOTS SHALL BE CLEANLY CUT WITH A SHARP TOOL, AS DIRECTED BY AN ISA CERTIFIED ARBORIST, AND IN ACCORDANCE WITH THE ANSI A-300 STANDARDS. CUT ROOTS SHOULD BE IMMEDIATELY COVERED WITH SOIL TO PREVENT DRYING. ROOTS SHOULD NOT BE TORN OR BROKEN BY HEAVY EQUIPMENT, AND NO SHREDDED, RAGGED OR BROKEN ROOT ENDS SHOULD BE LEFT. THE CITY URBAN FORESTER SHALL BE NOTIFIED IN WRITING AND OR CONSULTED PRIOR TO ANY ROOT PRUNING TAKING PLACE.
  - SHOULD ANY CORRECTIVE STRUCTURAL PRUNING BE NECESSARY FOR TREES PROPOSED TO REMAIN 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.
  - ANY ROOT PRUNING, IF REQUIRED DURING THE PROJECT, SHALL BE CONDUCTED UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST. ANY ROOT PRUNING, IF REQUIRED, WILL BE LIMITED TO WHAT IS ABSOLUTELY NECESSARY FOR CONSTRUCTION. ADDITIONALLY, AND ROOT PRUNING WORK WILL BE DOCUMENTED WITH COLOR PICTURES AND PROVIDED TO MR. MARK WILLIAMS AT C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT + MR. RICARDO GUZMAN AT C.M.B. PLANNING + ZONING DEPARTMENTS ON A REGULAR BASIS.

**C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES**

- THIS 'EXISTING TREE INVENTORY + DISPOSITION PLAN' HAS BEEN PREPARED IN ACCORDANCE WITH THE CITY OF MIAMI BEACH, CHAPTER 46 - ENVIRONMENT, DIVISION 2, TREE PRESERVATION and PROTECTION ORDINANCE.
- EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY AUTHENTIC SURVEYORS INC. DATED 10.05.15
- THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT ON 12.16.15.
- THE OWNER RESERVES THE RIGHT TO REMOVE ANY VEGETATION NOT LOCATED WITHIN THE CITY R.O.W. w/ a D.B.H. OF LESS THAN 8" WITHOUT OBTAINING A TREE REMOVAL PERMIT.
- THERE ARE NO TREES or PALMS LOCATED ON THIS PROPERTY THAT WILL REQUIRE TEMPORARY IRRIGATION. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.



**C.M.B. EXISTING TREE SURVEY LEGEND**

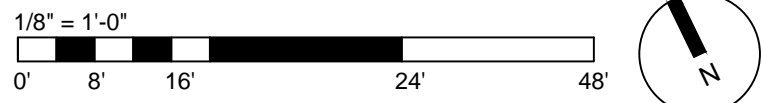
TREE or PALM TO BE REMOVED. SEE CHART L-1b.

TREE or PALM TO REMAIN. PRESERVE + PROTECT

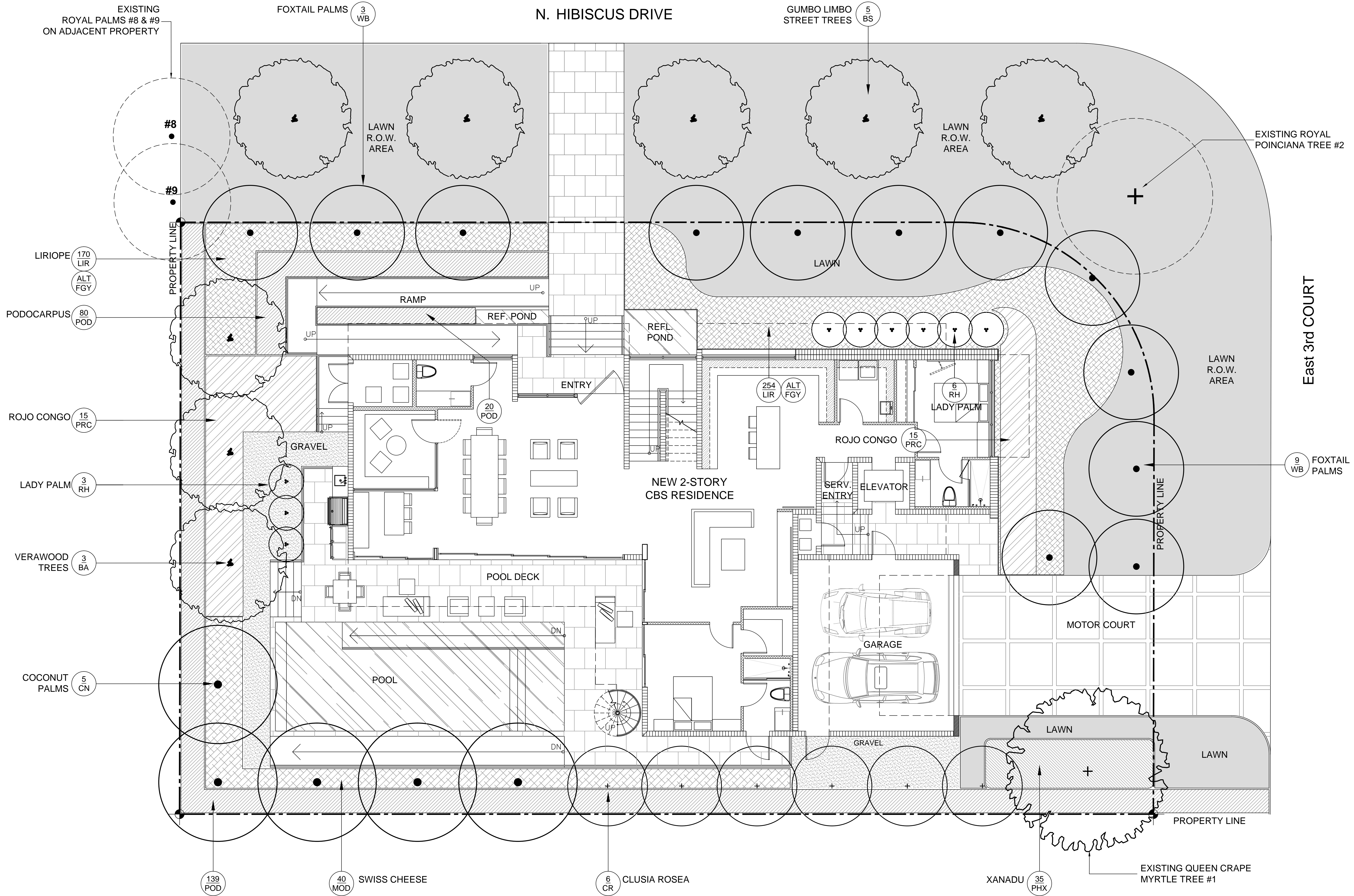
TREE or PALM PROTECTION FENCE

C.M.B. EXISTING TREE INVENTORY + DISPOSITION CHART -									
NUMBER	COMMON NAME	BOTANICAL NAME	SPECIMEN	D.B.H. (IN)	HEIGHT (FT)	SPREAD (FT)	CONDITION	DISPOSITION	CANOPY AREA
#1	Queen Crape Myrtle Tree	Lagerstroemia speciosa	YES	+/- 16"	+/- 30'	+/- 20'	FAIR	REMAIN	314 SF
#2	Royal Poinciana Tree	Delonix regia	YES	+/- 14"	+/- 20'	+/- 20'	FAIR	REMAIN	314 SF
#3	Bottle Brush Tree	Callistemon viminalis	YES	+/- 14"	+/- 20'	+/- 15'	FAIR	REMOVE	177 SF
#4	Unknown Tree		NO	+/- 8"	+/- 15'	+/- 15'	POOR	REMOVE	177 SF
#5	Bottle Brush Tree	Callistemon viminalis	YES	+/- 14"	+/- 20'	+/- 15'	FAIR	REMOVE	177 SF
#6	Dracena	Dracena marginata	NO	+/- 8"	+/- 15'	+/- 12'	FAIR	REMOVE	113 SF
#7	Areca Palm	Dypsis lutescens	YES	+/- 18"	+/- 18'	+/- 10'	POOR	REMOVE	79 SF
#8	Royal Palm	Roystonea elata	NO	+/- 10"	+/- 20'	+/- 15'	FAIR	REMAIN	177 SF
#9	Royal Palm	Roystonea elata	NO	+/- 10"	+/- 20'	+/- 15'	FAIR	REMAIN	177 SF
#10	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 18'	+/- 6'	FAIR	REMOVE	29 SF
#11	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 20'	+/- 8'	FAIR	REMOVE	51 SF
#12	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 20'	+/- 6'	FAIR	REMOVE	29 SF
#13	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 20'	+/- 6'	FAIR	REMOVE	29 SF
#14	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 18'	+/- 8'	FAIR	REMOVE	51 SF
#15	Alexander Palm	Ptychosperma elegans	NO	+/- 3"	+/- 20'	+/- 8'	FAIR	REMOVE	51 SF
TOTAL MITIGATION REQUIRED : 1,446 SF									0 SF
TOTAL MITIGATION PROVIDED : 4,000 SF									0 SF

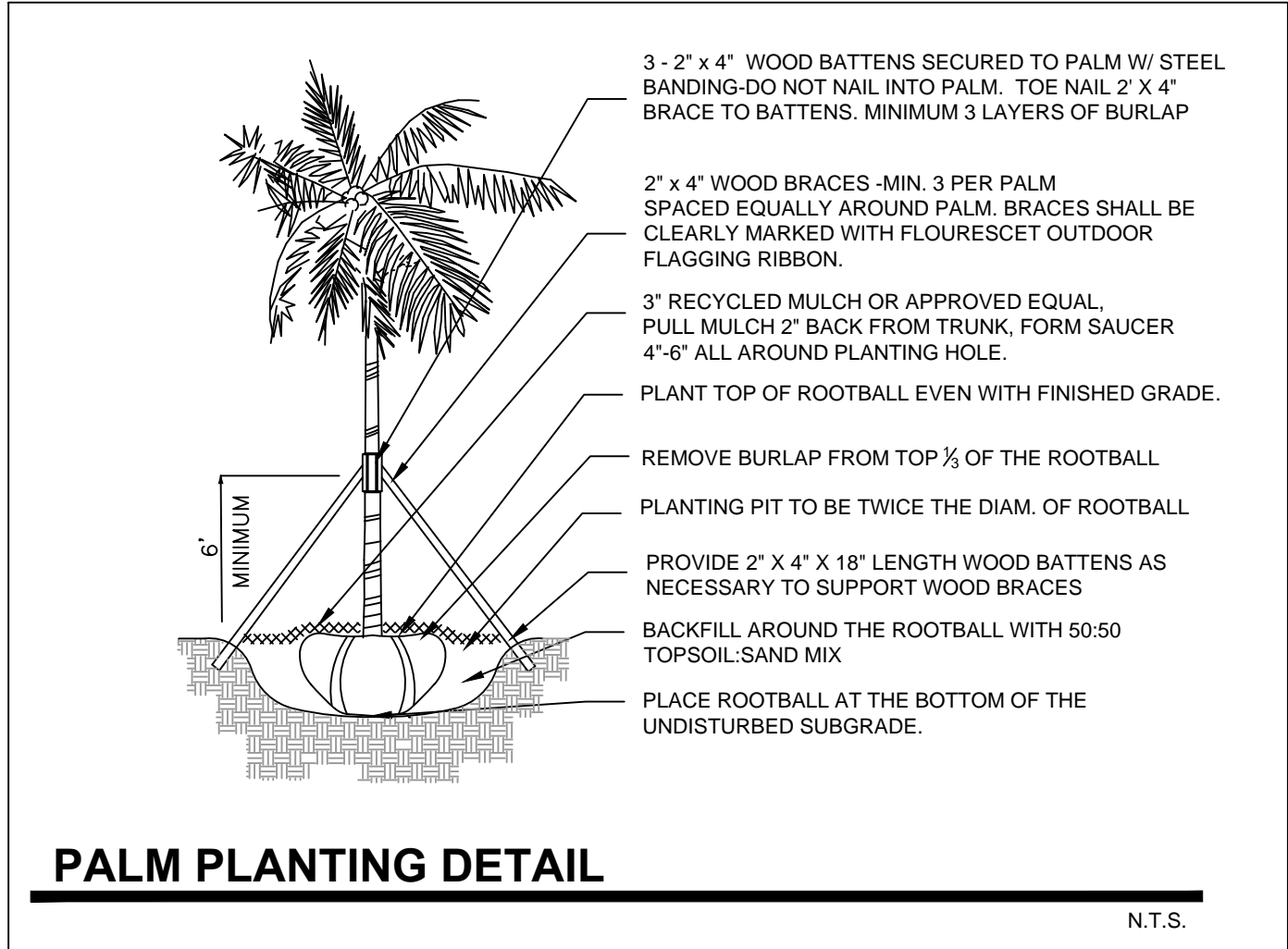
EXISTING TREE SURVEY + DISPOSITION CHART





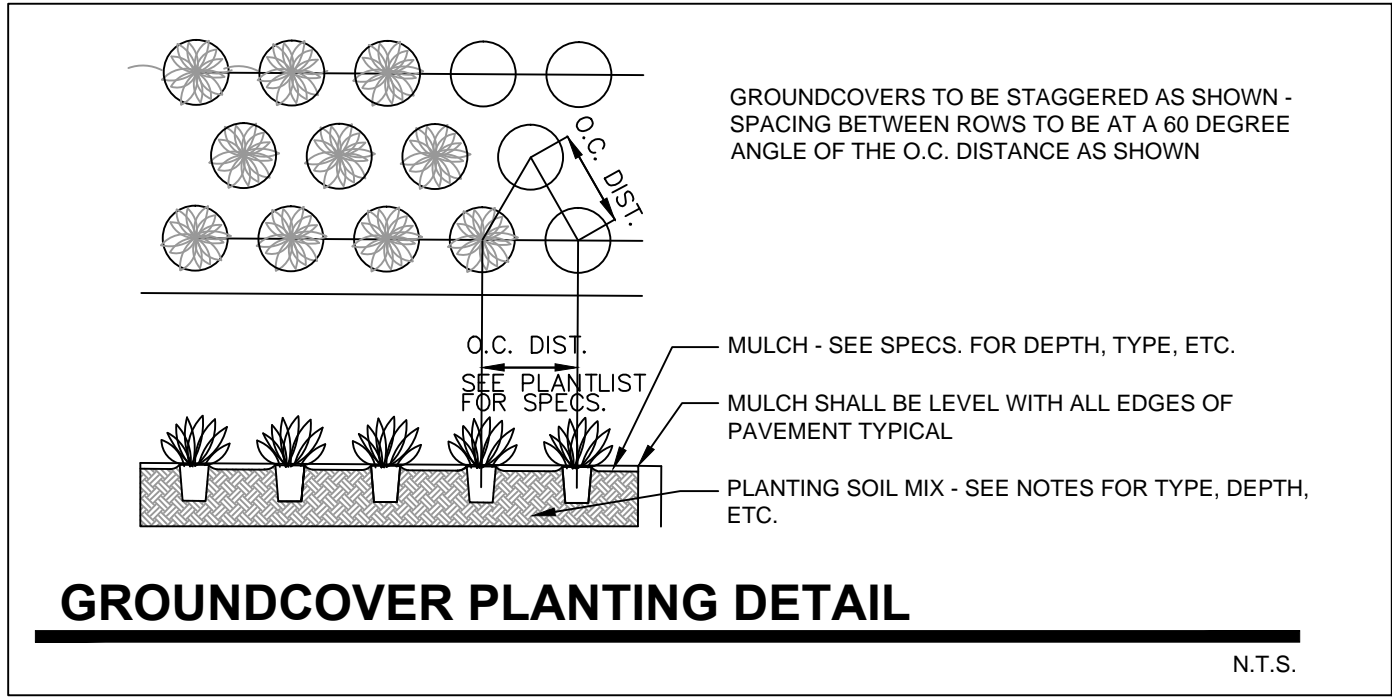






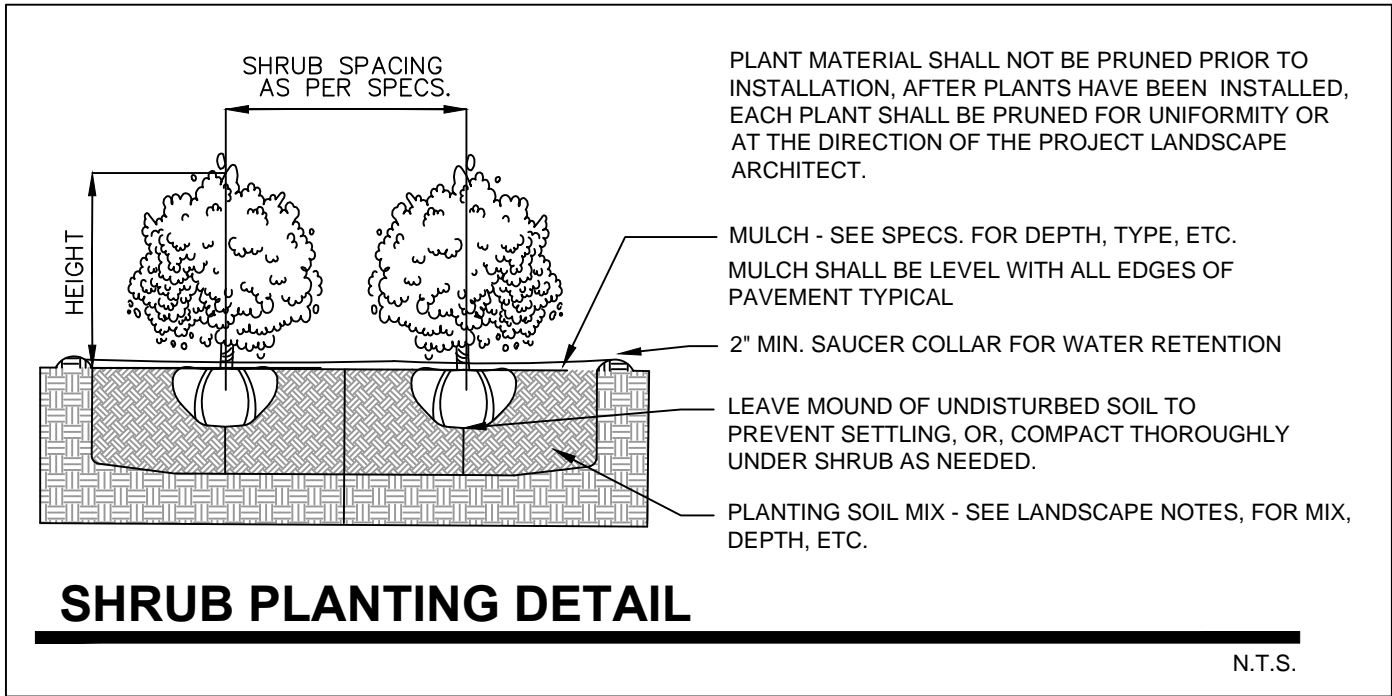
PALM PLANTING DETAIL

N.T.S.



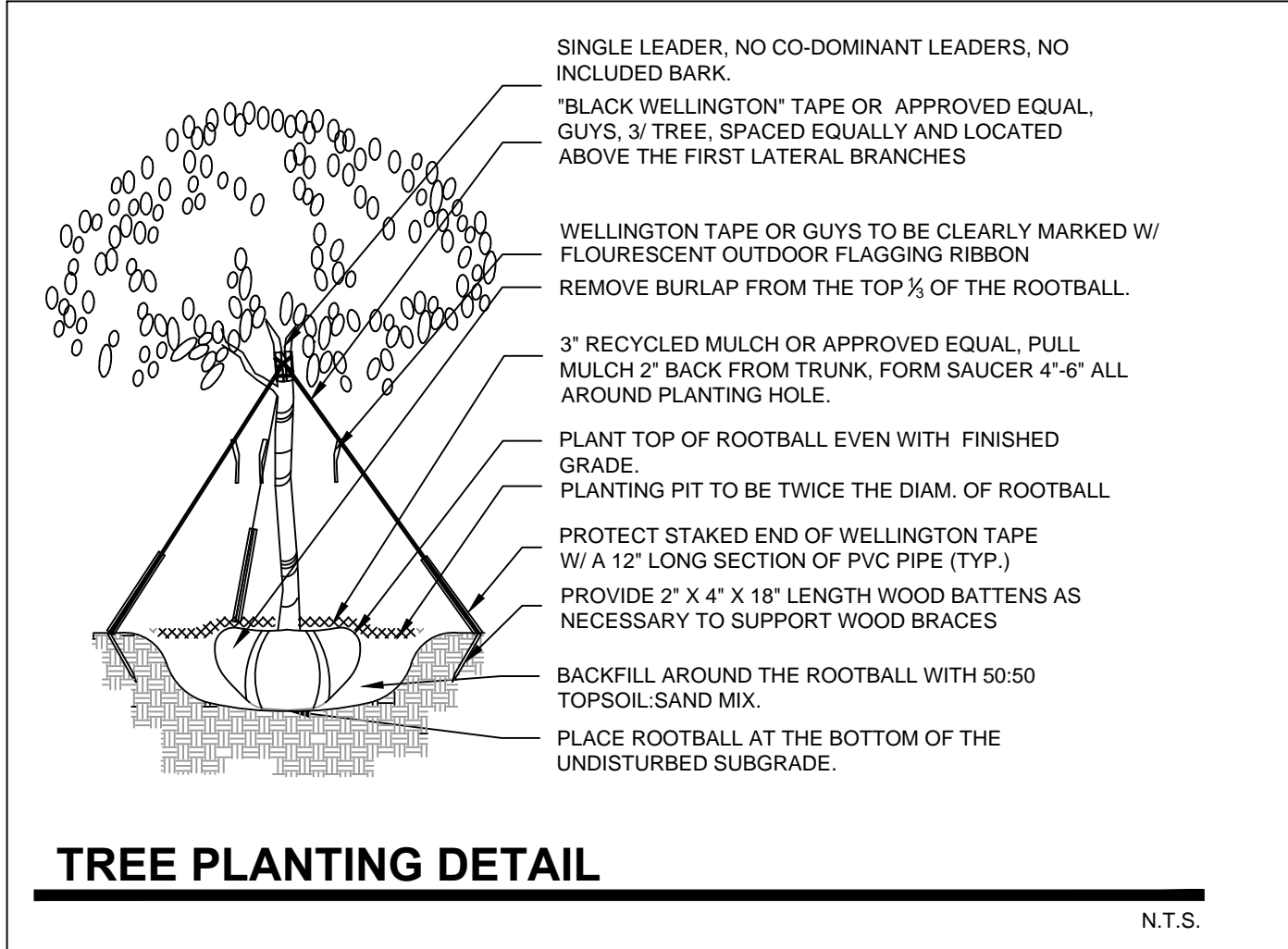
GROUNDCOVER PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.



TREE PLANTING DETAIL

N.T.S.

LANDSCAPE LEGEND

MIAMI - DADE COUNTY LANDSCAPE ORDINANCE CHAPTER 18-A (RESIDENTIAL VERSION)

TREES  
3 TREES REQUIRED PER LOT / 6 TREES PROVIDED MEETING MINIMUM REQUIREMENTS  
(6 CLUSIA ROSEA TREES PROVIDED)

NATIVE TREES  
30% OF REQUIRED TREES OR .30 X 3 = .9 NATIVE TREES REQUIRED / 6 NATIVE TREES PROVIDED  
(6 NATIVE CLUSIA ROSEA TREES PROVIDED)

SHRUBS  
10 SHRUBS REQUIRED FOR EACH REQUIRED TREE or 10 X (3) = 30 REQUIRED / 251 SHRUBS PROVIDED

NATIVE SHRUBS  
30% OF TOTAL SHRUBS REQUIRED MUST BE NATIVE or .30 X 30 = 9 / 30 NATIVE SHRUBS PROVIDED  
20 DWARF BAHAMA SHRUBS + 231 PODOCARPUS SHRUBS PROVIDED

LAWN AREA  
50% MAXIMUM OF LANDSCAPE AREA: NEW LAWN AREAS ARE LESS THAN 50% OF LANDSCAPE AREA

IRRIGATION SYSTEM  
100% COVERAGE PROVIDED PURSUANT TO MIAMI DADE CODE

C.M.B. CANOPY MITIGATION NOTES

THE CANOPY MITIGATION OF 1,446 SF AS REQUIRED BY THE MB TREE PRESERVATION PROGRAM HAS BEEN MET AND EXCEEDED. A TOTAL 4,000 SF OF REPLACEMENT CANOPY HAS BEEN PROVIDED AND 3,300 SF OF THE TOTAL REPLACEMENT CANOPY IS FLORIDA NATIVE .

CANOPY MITIGATION SUMMARY  
- (6) NATIVE CLUSIA ROSEA TREES: 1,800 SF (MB category I @ 300 SF each)  
- (3) VERAWOOD TREES: 450 SF (MB category II @ 150 SF each)  
- (5) NATIVE GUMBO LIMBO TREES: 1,500 SF (MB category III @ 300 SF each)  
- (5) COCONUT PALMS: 250 SF (MB category IV @ 50 SF each)

LANDSCAPE NOTES

- ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
- TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL PLANTING SOIL SHALL BE 50:50 TOPSOIL:SAND MIX, FREE OF CLAY, STONES, ROCKS, OR OTHER FOREIGN MATTER. THIS SPECIFICATION INCLUDES ALL BACKFILL FOR BERMS AND OTHER LANDSCAPE AREAS.
- THE SITE CONTRACTOR SHALL BE RESPONSIBLE TO BRING ALL GRADES TO WITHIN 2" OF FINAL GRADES. THIS SHALL INCLUDE A 2" APPLICATION OF 50:50 TOPSOIL: SAND MIX FOR ALL LANDSCAPE AND AREAS TO BE SODDED.

- ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A SMALL GRAY GRANITE AGGREGATE FREE FROM WEEDS AND PESTS. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3' AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
- SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS IN ALL LAWN AREAS AS SHOWN ON THE PLANS. SOD SHALL BE STRONGLY ROOTED, FREE FROM WEED, FUNGUS, INSECTS AND DISEASE. CONTRACTOR SHALL SOD ALL AREAS AS INDICATED ON THE PLANS OR AS DIRECTED. PAYMENT SHALL BE DETERMINED BY THE TOTAL MEASURED SODDED AREAS X THE UNIT PRICE SUBMITTED AND FIELD VERIFIED. SOD SHALL CARRY A 5-MONTH WARRANTY.
- ALL TREES, PALMS, SHRUBS AND GROUNDCOVERS, AND SOD / LAWN SHALL CARRY A ONE-YEAR WARRANTY FROM THE DATE OF FINAL ACCEPTANCE.
- IRRIGATION SHALL PROVIDE FOR A 100% COVERAGE WITH 50% OVERLAP MINIMUM AND BE PROVIDED BY A FULLY AUTOMATIC IRRIGATION SYSTEM W/ RAIN MOISTURE SENSOR ATTACHED TO CONTROLLER. ALL FLORIDA BUILDING CODE APPENDIX "F" IRRIGATION REQUIREMENTS SHALL BE STRICTLY ADHERED TO FOR INSTALLATION AND PREVAILING WATER MANAGEMENT DISTRICT RESTRICTIONS AND REGULATIONS SHALL BE IN COMPLIANCE FOR POST-INSTALLATION WATERING SCHEDULES.

PLANTLIST - 110 N HIBISCUS DR

KEY	NATIVE	QTY.	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
BA	NO	3	VERAWOOD TREE	Bulnesia arborea	100 gallon, 12-14' height x 6' spread, 4' clear trunk, 2" caliper
BS	YES	5	GUMBO LIMBO TREE	Bursera simarubra	200 gallon, 18-20' height, 10' spread, equal to Treeworld Wholesale
CR	YES	6	PITCH APPLE TREE	Clusia rosea	100 gallon, 14' height, 8' spread, equal to Treeworld Wholesale
PALMS					
CN	NO	5	'GR. MALAYAN' COCONUT PALM	Cocos nucifera 'Green Malayan'	Field grown, 8' gray wood, full heads, Florida Fancy
RH	NO	9	LADY PALM	Rhapis excelsa	4' overall height, full to base, equal to Botanics Wholesale
WB	NO	12	FOXTAIL PALM	Wodyetia bifurcata	Field grown, 10' gray wood, full heads, Florida Fancy
SHRUBS					
POD	YES	239	PODOCARPUS	Podocarpus macrophyllus	7 gallon, full, space 24" on center
PSL	YES	20	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	3 gallon, full, space 30" on center
TROPICALS, GROUNDCOVERS, + ACCENTS					
LIR	NO	425	LILYTURF	Liriope muscari	3 gallon, full, 18" on center
MOD	NO	40	SWISS CHEESE PLANT	Monstera deliciosa	7 gallon, full, 36" on center
PHX	NO	35	PHILODENDRON 'XANADU'	Same	3 gallon, full, 24" on center
PRC	NO	30	PHILODENDRON 'ROJO CONGO'	Same	3 gallon, full 24" on center
SOD, AGGREGATE & MULCH					
DGA			3/8" DECOMPOSED GRANITE AGGREGATE OR STONE TO BE SELECTED, INSTALLED OVER FILTER FABRIC AND WEED BARRIER MATERIAL / OLIMAR, 2" MIN. DEPTH		
MLC			DARK BROWN 'FLORI MULCH' SHREDDED ORGANIC MULCH (NO CYPRESS), TO BE DETERMINED		
SOD			'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS		