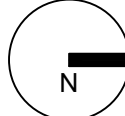


C.M.B. - EXISTING TREE SURVEY LEGEND	
	TREE or PALM TO BE REMOVED. SEE CHART L-1b.
	TREE or PALM TO REMAIN. PRESERVE + PROTECT
	TREE or PALM TO BE RELOCATED
	RELOCATED TREE or PALM
	TREE or PALM PROTECTION FENCE

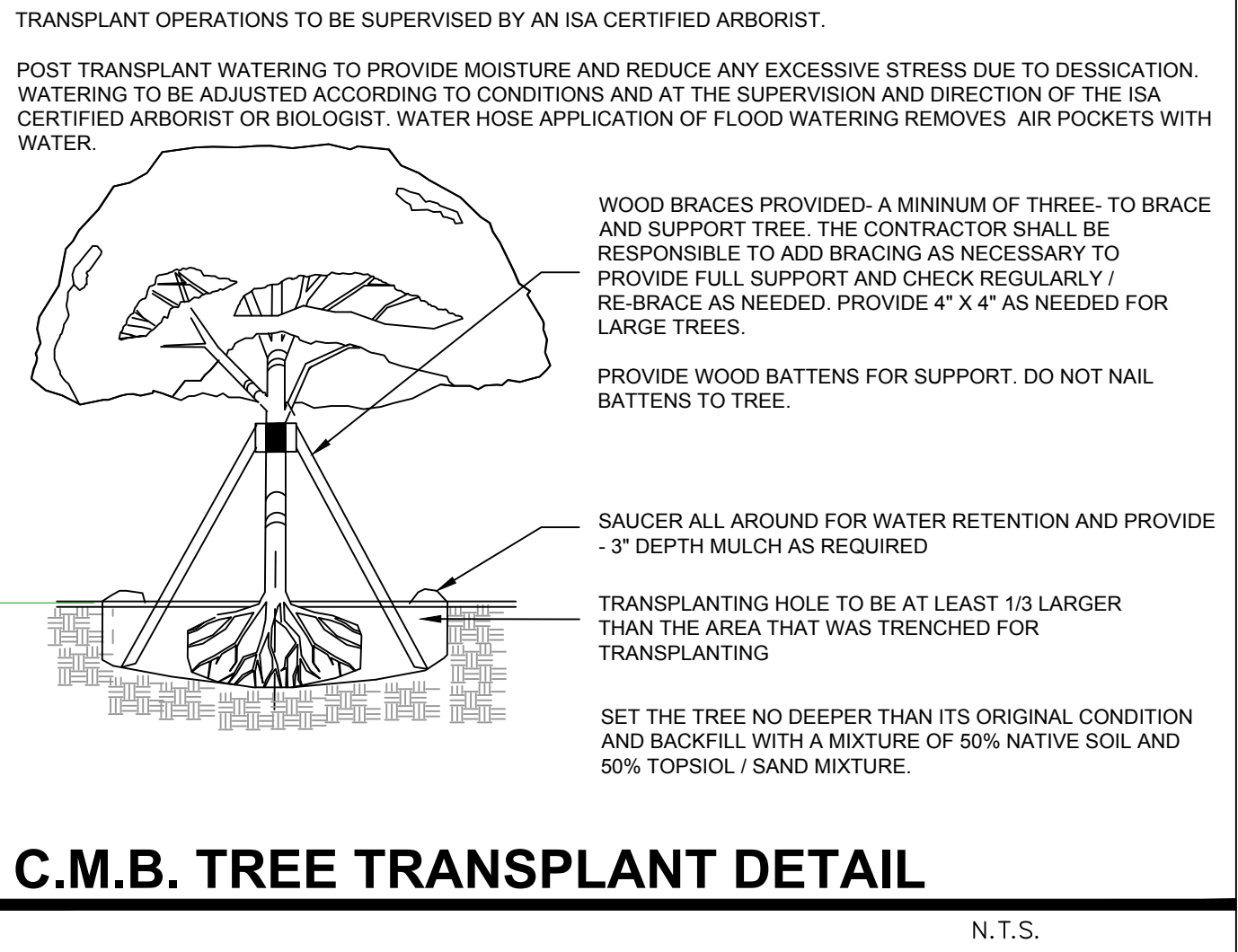
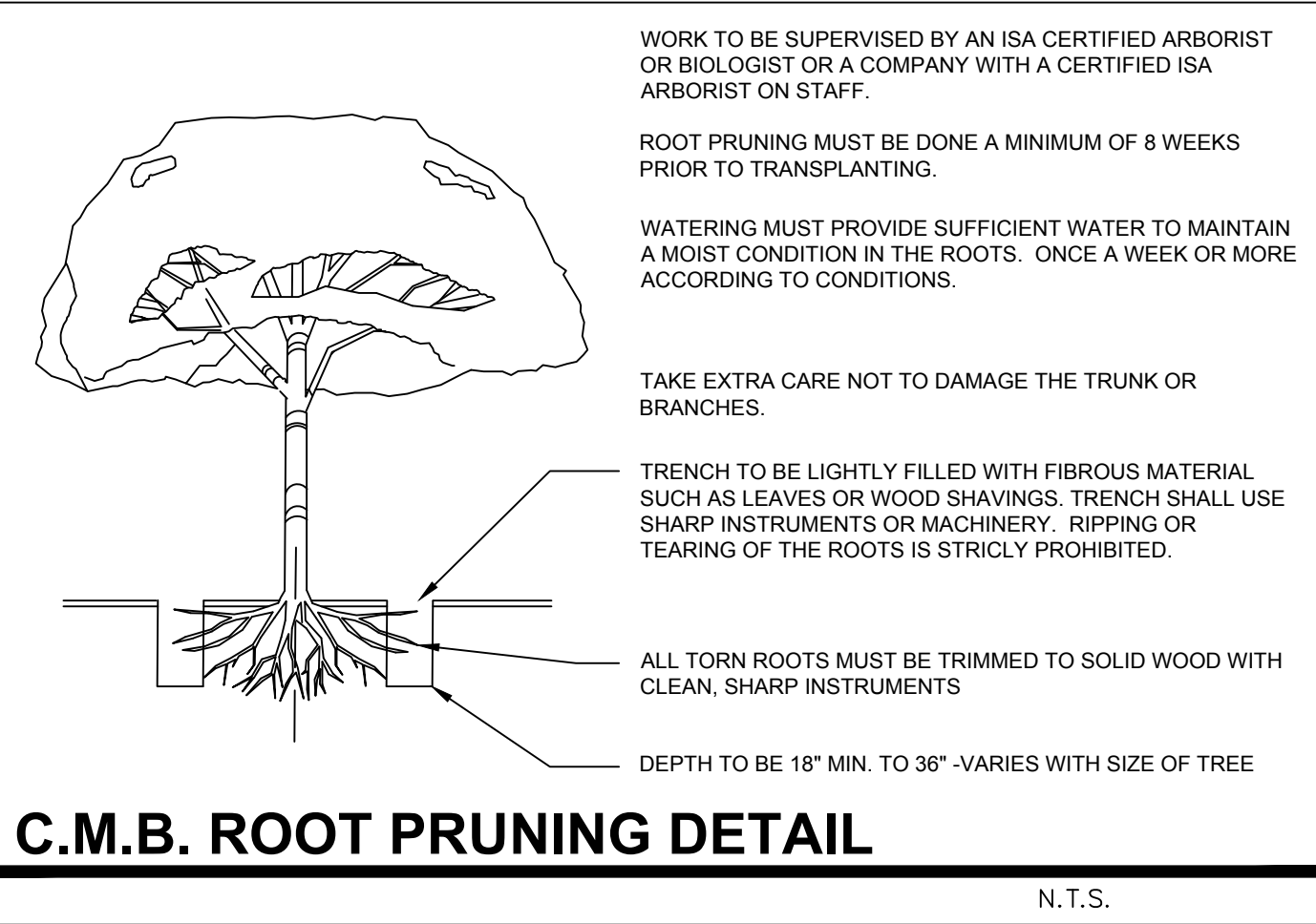
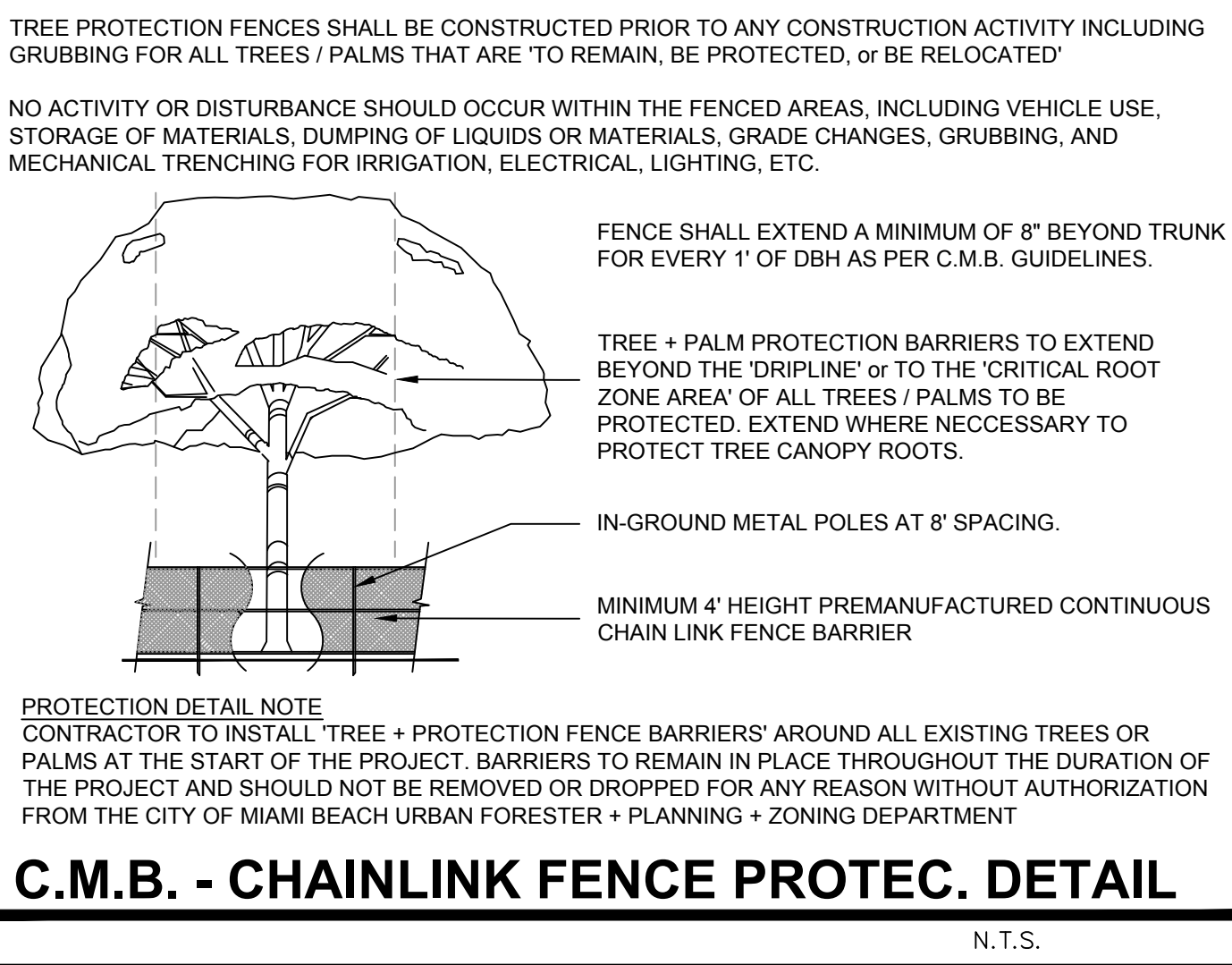
C.M.B. CHAPTER 46, DIVISION 2 - MITIGATION NOTES
MB TREE REMOVAL / RELOCATION PERMIT TP15-005 dated 09/16/15 HAS BEEN OBTAINED FOR THIS PROJECT. THE FLORIDA NATIVE CANOPY MITIGATION OF 420 SQUARE FEET AS REQUIRED BY THE PERMIT HAS BEEN MET AND EXCEEDED AS NOTED THIS SHEET. A TOTAL 7,000 SF HAS BEEN PROVIDED. SEE SHEET L-2 FOR CANOPY MITIGATION SUMMARY.
C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES
1. 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.
2. EXISTING TREE, PALM, AND VEGETATION INFORMATION AS INDICATED HAS BEEN PREPARED AS AN OVERLAY ON THE SURVEY PREPARED BY AMERICAN SERVICES OF MIAMI, CORP. DATED DECEMBER 15, 2014.
3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT + BIOLOGIST.
4. RELOCATED TREES AND PALMS REQUIRE TEMPORARY IRRIGATION UNTIL ESTABLISHED. LANDSCAPE CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION SHOP DRAWING TO OWNER + LAND. ARCH. FOR REVIEW + APPROVAL. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT COMMENTS
1. 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.
2. CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION TRENCHING THROUGH EXISTING TREE OR PALM DRIPLINES OF TREES STATED 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.
3. 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.
4. ANY ROOT PRUNING, IF REQUIRED DURING THE PROJECT, SHALL BE CONDUCTED UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST OR ACSA 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.



22 Star Island Drive - Tree Inventory										
TREE NO.	SPECIES		DBH	HEIGHT	CANOPY	CONDITION	SPECIMEN ¹	ACTION	PERMIT ²	COMMENTS
	Common Name	Scientific Name	Inches	Feet	Sq Feet		Y/N		Y/N	
1	Live oak	Quercus virginiana	31	40	1,500	Good	Y	REMAIN	Y	Located in R.O.W. Preserve + Protect during construction.
2	Royal palm	Roystonea elata	12	38	100	Poor	Y	REMOVE	Y	Cracked trunk, pencilng. Poor condition. Mitigation provided.
3	Royal palm	Roystonea elata	13.5	40	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
4	Royal palm	Roystonea elata	18	48	125	Fair/Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
5	Royal palm	Roystonea elata	18.5	50	125	Good	Y	RELOCATE	Y	Growing in N canopy of Mango Tree. See proposed new location.
6	Royal palm	Roystonea elata	17.5	55	150	Good	Y	RELOCATE	Y	Growing in S canopy of Mango Tree. See proposed new location.
7	Royal palm	Roystonea elata	15	45	150	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
8	Umbrella tree	Schefflera actinophylla	11	30	400	Fair	Y	REMOVE	N	Invasive Exotic - Remove as per Miami Beach Tree Ordinance
9	Umbrella tree	Schefflera actinophylla	15.8	32	400	Fair	Y	REMOVE	N	Invasive Exotic - Remove as per Miami Beach Tree Ordinance
10	Mango	Mangifera indica	27	45	1,200	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
11	Strangler fig	Ficus aurea	100	45	3,000	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
12	Umbrella tree	Schefflera actinophylla	8.9,29	35	800	Good	Y	REMOVE	Y	Invasive Exotic - Remove as per Miami Beach Tree Ordinance
13	Coconut palm	Cocos nucifera	13	35	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
14	Royal palm	Roystonea elata	15.5	50	120	Poor	Y	REMOVE	Y	Diseased. Poor condition. Mitigation provided.
15	Royal palm	Roystonea elata	17.5	50	160	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
16	Royal palm	Roystonea elata	18.5	50	100	Poor	Y	REMOVE	Y	Pencilng, chlorotic. Poor condition. Mitigation provided.
17	Royal palm	Roystonea elata	18	50	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
18	Royal palm	Roystonea elata	20.5	60	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
19	Royal palm	Roystonea elata	15	45	150	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
20	Royal palm	Roystonea elata	19	50	125	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
21	Royal palm	Roystonea elata	17	60	150	Fair	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
22	Strangler fig	Ficus aurea	96	50	3,500	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
23	Poinciana	Delonix regia	17.5	40	2,000	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
24	Poinciana	Delonix regia	18	38	1,850	Good	Y	REMAIN	Y	Needs trimming. Preserve + Protect During Construction
25	Royal palm	Roystonea elata	17.5	60	140	Fair/Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided

22 Star Island Drive - Tree Inventory										
TREE NO.	SPECIES		DBH	HEIGHT	CANOPY	CONDITION	SPECIMEN ¹	ACTION	PERMIT ²	COMMENTS
	Common Name	Scientific Name	Inches	Feet	Sq Feet		Y/N		Y/N	
26	Royal palm	Roystonea elata	21	60	140	Fair	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
27	Royal palm	Roystonea elata	18.5	60	140	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
28	Royal palm	Roystonea elata	12.5	40	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
29	Canary Island date palm	Phoenix canariensis	23.5	45	225	Good	Y	RELOCATE	Y	See proposed new location.
30	Strangler fig	Ficus aurea	59	45	1,600	Fair/Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
30A	Washingtonia palm	Washingtonia robusta	12	45	125	Fair	N	REMAIN	N	Good condition. Preserve + Protect during construction.
30B	Coconut palm	Cocos nucifera	10	35	120	Fair	N	REMAIN	N	Good condition. Preserve + Protect during construction.
31	Coconut palm	Cocos nucifera	11	35	120	Good	N	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
32	Royal palm	Roystonea elata	23	60	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
33	Royal palm	Roystonea elata	15.5	35	150	Good	Y	REMOVE	Y	Removed due to construction conflicts. Mitigation Provided
34	Washingtonia palm	Washingtonia robusta	14.5	45	100	Fair	N	REMOVE	N	Removed due to construction conflicts. Mitigation Provided
35	Coconut palm	Cocos nucifera	11	35	120	Good	N	RELOCATE	Y	See proposed new location.
36	Umbrella tree	Schefflera actinophylla	39	35	400	Fair	N	REMOVE	Y	Invasive Exotic - Remove as per Miami Beach Tree Ordinance
37	Strangler fig	Ficus aurea	27	35	500	Fair	Y	REMAIN	Y	Storm damaged. Preserve + Protect during construction.
38	Sea grape	Coccoloba uvifera	12	30	400	Poor	Y	REMAIN	Y	Storm damaged. Preserve + Protect during construction.
38A	Washingtonia palm	Washingtonia robusta	12.5	35	100	Fair	N	REMAIN	N	Good condition. Preserve + Protect during construction.
39	Coconut palm	Cocos nucifera	13	17	120	Good	Y	REMAIN	Y	Good condition. Preserve + Protect during construction.
		¹ Specimen - Greater than 12" DBH trunk diameter								
		² Permit from the City of Miami Beach required for removal								
		A - If tree is growing in the Public Right-of-Way (no minimum size requirement)								
		B - If the tree has a trunk diameter > 8" and will be removed during demolition								
		C - If the tree has a trunk diameter > 12" and will be removed for new construction								
Prepared by: David Ettman Biscayne Environmental, Inc. 9999 N.E. 2nd Avenue, Suite 313 Miami Shores, FL 33138 Office: 305.759.0077 Email: biscayneinc@bellsouth.net 7/24/15										



TREE TRANSPLANTING PROCEDURAL SPECIFICATION

PURPOSE: TO MAXIMIZE THE SUCCESS OF TREE TRANSPLANTING OPERATIONS.

ALL STANDARDS SHALL MEET OR EXCEED THE ANSI A300 (PART 6)-2005 (TRANSPLANTING) STANDARD PRACTICES AND ANY APPLICABLE LOCAL CODES.

CONTRACTOR SHALL EMPLOY AN ISA CERTIFIED ARBORIST OR BIOLOGIST WITH VERIFIABLE TREE TRANSPLANT EXPERIENCE AS THE 'EXPERT ARBORIST OF RECORD' TO CARRY OUT THE FOLLOWING DUTIES:

SHALL MAKE SITE VISITS PRIOR TO AND DURING ANY RELOCATION WORK TO INSPECT THAT PROPER PREPARATION IS PERFORMED ACCORDING TO ALL APPLICABLE TREE RELOCATION GUIDELINES.

SHALL DOCUMENT ALL INSPECTIONS AND PROVIDE REPORT TO THE OWNER'S AGENT WITHIN 5 BUSINESS DAYS OF SITE VISIT.

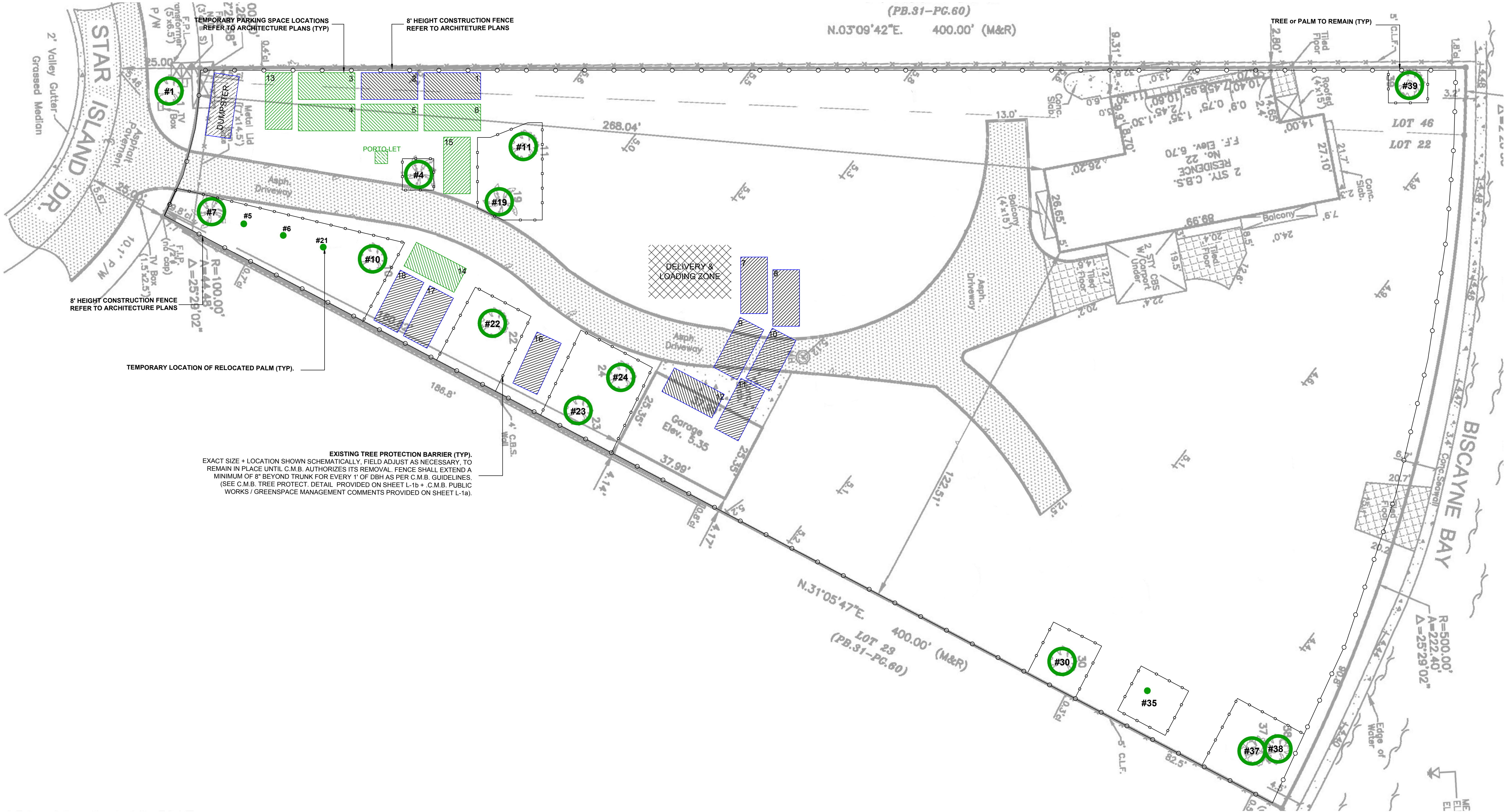
SHALL SUBMIT PRIOR TO FINAL ACCEPTANCE BY OWNER'S AGENT, A POST-TRANSPLANT CARE GUIDE FOR UP TO THREE YEARS THAT INCLUDES WATERING, FERTILIZATION, PRUNING, PEST CONTROL, STAKING, ETC

CHRISTOPHER CAWLEY, RLA
Landscape Architect, LA 6666786

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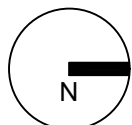
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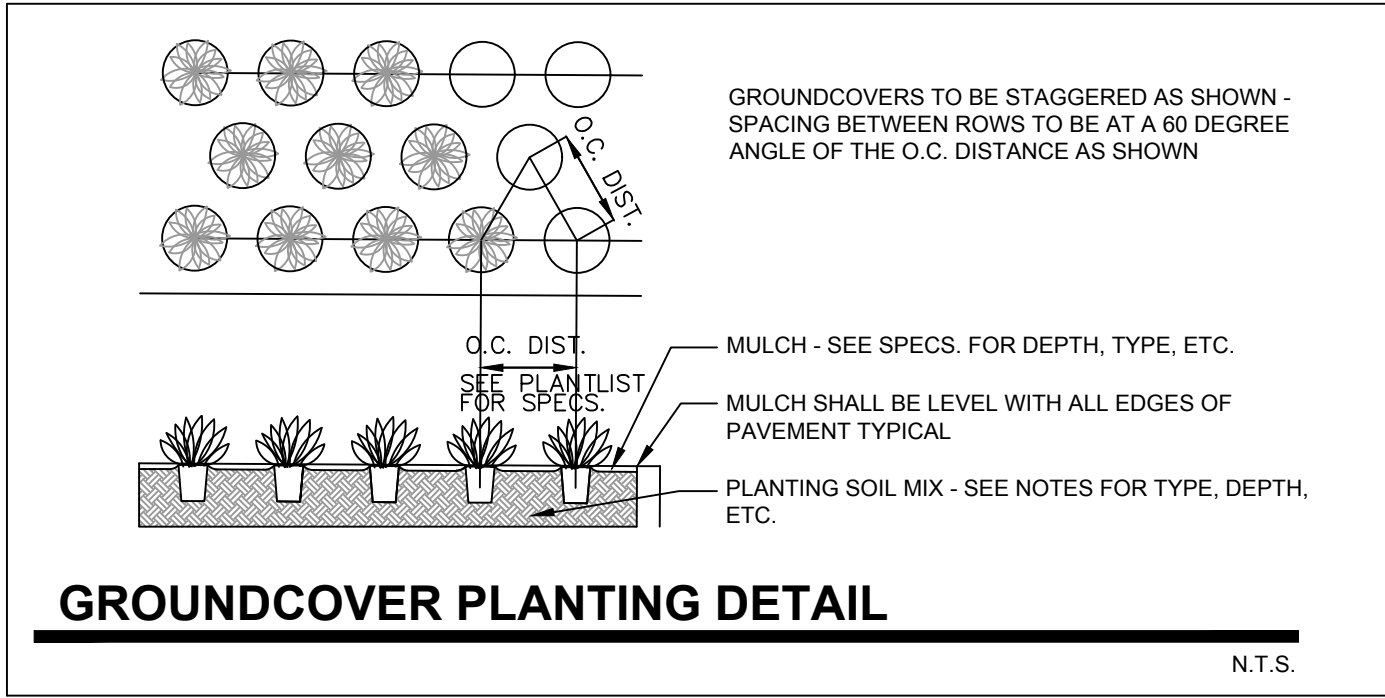
C.M.B. - EXISTING TREE SURVEY LEGEND	
	TREE or PALM TO REMAIN. PRESERVE + PROTECT
	RELOCATED TREE or PALM
	TREE or PALM PROTECTION FENCE

C.M.B. CHAPTER 46, DIVISION 2 - MITIGATION NOTES
MB TREE REMOVAL / RELOCATION PERMIT TP15-005 dated 09/16/15 HAS BEEN OBTAINED FOR THIS PROJECT. CANOPY LOSS MITIGATION OF 2,515 SQUARE FEET HAS BEEN MET AND EXCEEDED AS NOTED BELOW. A TOTAL OF 8,450 SF OF NEW CANOPY MITIGATION HAS BEEN PROVIDED.
C.M.B. CHAPTER 46, DIVISION 2 - TREE INVENTORY + DISPOSITION PLAN NOTES
1. 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.
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3. THE INFORMATION AS PRESENTED HEREIN HAS BEEN FIELD VERIFIED BY THE LANDSCAPE ARCHITECT + BIOLOGIST.
4. RELOCATED TREES AND PALMS REQUIRE TEMPORARY IRRIGATION UNTIL ESTABLISHED. LANDSCAPE CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION SHOP DRAWING TO OWNER + LAND. ARCH. FOR REVIEW + APPROVAL. ALL EXISTING TREES + PALMS ARE MATURE AND ARE CURRENTLY THRIVING WITHOUT SUPPLEMENTAL IRRIGATION WATER.

C.M.B. PUBLIC WORKS / GREENSPACE MANAGEMENT COMMENTS
1. 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.
2. CARE SHALL BE TAKEN TO AVOID UTILITY OR CONSTRUCTION TRENCHING THROUGH EXISTING TREE OR PALM DRIPLINES OF TREES STATED 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.
3. 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.
4. ANY ROOT PRUNING, IF REQUIRED DURING THE PROJECT, SHALL BE CONDUCTED UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST OR ACSA 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.







LANDSCAPE NOTES

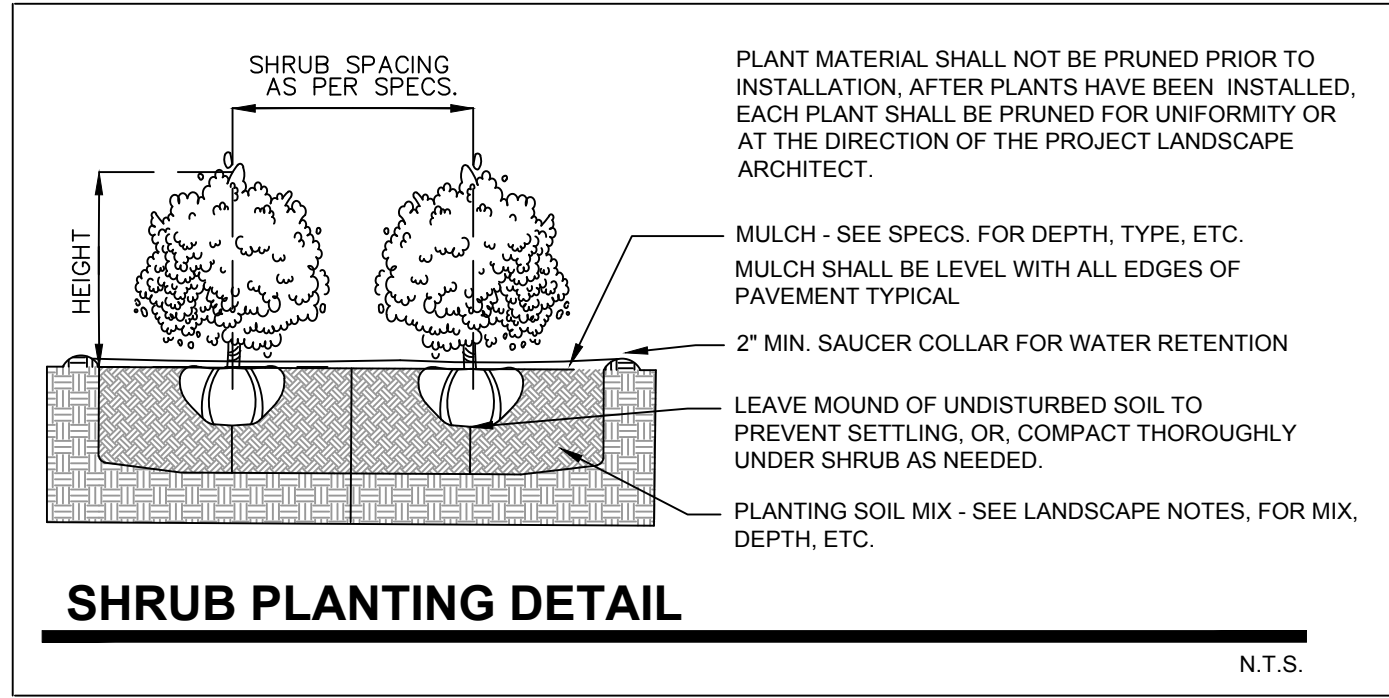
- ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER.
 - CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF, AVOID, AND PROTECT ALL UTILITY LINES, BURIED CABLES, AND OTHER UTILITIES.
 - TREE, PALM, ACCENT AND BED LINES ARE TO BE LOCATED IN THE FIELD AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ANY CHANGES TO R.O.W. (RIGHT OF WAY) MATERIAL IN REGARDS TO PLACEMENT OF SPECIES SHALL REQUIRE THE APPROVAL AND CONSULTATION OF THE CITY URBAN FORESTER AND OR CITY STAFF.**
- 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.

CARE SHALL BE TAKEN TO AVOID PLACEMENT OF CONSTRUCTION FILL, GRAVEL, AND OR DEBRIS OVER THE ROOTBALLS OF INSTALLED OR EXISTING TREES AND OR PALMS ON SITE.

- SODDED-LAWN AREAS
2" DEPTH PLANTING SOIL SPREAD IN PLACE- THROUGHOUT.
- GROUNDCOVER PLANTING BEDS:
6" DEPTH PLANTING SOIL SPREAD IN PLACE- THROUGHOUT.
- SHRUB AND HEDGE PLANTING AREAS:
12" DEPTH PLANTING SOIL SPREAD IN PLACE- THROUGHOUT.
- TREES, PALMS, SPECIMEN PLANT MATERIAL LOCATIONS:
REMOVE ALL LIMEROCK PRESENT TO A DEPTH OF AT LEAST 30" BEFORE PLACING NEW PLANTING SOIL. APPLY NEW CLEAN PLANTING SOIL IN PLANTING AREA AS REQUIRED
- 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.
 - THE LANDSCAPE CONTRACTOR SHALL CALCULATE AND SUBMIT AN ITEMIZED PRICE FOR THE 2" APPLICATION OF 50:50 MIX FOR ALL SOD AREAS AS A REFERENCE IN THE CASE THAT THERE WOULD BE A DISCREPANCY BETWEEN SITE AND LANDSCAPE CONTRACTORS AND NOTIFY THE SITE CONTRACTOR OR PROJECT SUPERINTENDENT AS TO THIS DISCREPANCY. IT WILL THEN BE DETERMINED WHICH PARTY WILL PROVIDE THIS 2" TOPSOIL:SAND APPLICATION AND SUBSEQUENT PAYMENT OTHER PLANTING SOIL MIXES TO BE ADDED, I.E. FOR TREES, PALMS, SPECIMEN PLANTS, SHRUBS AND GROUNDCOVERS SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR AND BE INCLUSIVE WITH THE LANDSCAPE BID.
 - CONTRACTOR SHALL COORDINATE WITH THE IRRIGATION CONTRACTOR AND LEAVE PROVISIONS FOR ALL SLEEVING AND PIPE ROUTING. ALL UNDERGROUND UTILITIES TO BE LOCATED BY DIALING 811 AS REQUIRED BY LAW.
 - ALL PLANTING BEDS SHALL BE MULCHED TO A DEPTH OF 2" WITH A DARK BROWN ORGANIC MULCH. NO 'CYPRESS MULCH' OR 'RED DYED MULCH' TO BE ACCEPTED. KEEP MULCH 3" AWAY FROM TREE OR PALM TRUNKS AS PER INDUSTRY RECOMMENDATIONS.
 - ALL EXISTING TREE + PALM INFORMATION THAT HAS BEEN PROVIDED ON THIS PLAN FOLLOWS THE MIAMI DADE COUNTY E.R.M. TREE PERMITTING GUIDELINES. ANY TREES OR PALMS CONSIDERED INVASIVE OR THAT FALLS UNDER THE TREE PERMIT EXEMPTION / PROHIBITED SPECIES LIST 24-94 (4) MAY NOT BE SHOWN FOR CLARITY PURPOSES. ANY DISCREPANCIES IF NOTED UPON FURTHER FIELD INSPECTION SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE LANDSCAPE ARCHITECT.

IRRIGATION NOTES

- IRRIGATION CONTRACTOR SHALL PROVIDE, FURNISH, AND INSTALL A FULLY AUTOMATIC IRRIGATION SYSTEM WHICH WILL COMPLY WITH ALL LOCAL CODE, STATE CODE, & WATER MANAGEMENT DISTRICT (SWFMD) REQUIREMENTS.
- THE IRRIGATION CONTRACTOR SHALL SCHEDULE AN ON-SITE PRE-CONSTRUCTION CONFERENCE WITH THE OWNER AND THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCEMENT OF INSTALLATION OF THE IRRIGATION SYSTEM.
- CONTRACTOR SHALL INSTALL POP-UP TYPE HEADS, SPRAY TYPE SHALL BE ROTOR, IMPACT, SPRAY, OR BUBBLER AND SHALL BE INSTALLED SO AS NOT TO CAUSE ANY OVERSPRAY ONTO ANY PAVED SURFACES, I.E. ROADS, SIDEWALKS, ETC. ALL FIXTURES SHALL BE "TORO", "RAINBIRD" OR AN APPROVED EQUAL. ALL WORK SHALL BE DONE IN A PROFESSIONAL MANNER AS PER MANUFACTURER'S SPECIFICATIONS.
- ALL MAIN SUPPLY LINE SHALL BE PVC SCHEDULE 40 PIPE. ALL PVC FITTINGS SHALL BE SCHEDULE 40, THE MAINLINE IS SHOWN SOMETIMES. LOCATE MAIN LINES IN LANDSCAPE AREAS WHERE POSSIBLE AND SLEEVE UNDER PAVEMENT WHERE NECESSARY. MAIN LINES SHALL BE IN THE SAME TRENCH WITH THE LATERAL LINES WHERE POSSIBLE.
- CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE LOCATION OF AND AVOID & PROTECT ALL UTILITY LINES, DUCTS, BURIED CABLES AND OTHER UTILITIES IN THE AREA. CONTRACTOR WILL BE RESPONSIBLE FOR THE REPAIR, LIABILITY, AND COSTS INCURRED IN THE DAMAGE OR DESTRUCTION OF SAID UTILITIES. CALL SUNSHINE STATE ONE CALLS 811, 48 HOURS PRIOR TO COMMENCEMENT OF ANY WORK FOR PROPER UTILITY LOCATION AND CLEARANCES.
- THE CONTRACTOR SHALL SECURE ALL WORK WITH THE PROJECT MANAGER, LANDSCAPE CONTRACTOR AND ALL OTHER CONTRACTORS TO INSURE PROPER INSTALLATION, SCHEDULING, AND PROCEDURE.
- THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT MANAGER TO PROVIDE ELECTRICAL SUPPLY TO THE CONTROLLER, PUMP, ETC. AS NEEDED.



- SOD SHALL BE 'EMPIRE TURF' ZOYSIA GRASS or SPECIES TO BE SELECTED BY 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 AND PALMS SHALL BE STAKED PER ACCEPTED STANDARDS BY THE FLORIDA NURSERYMEN & GROWERS LANDSCAPE ASSOCIATION (FNGLA) AND ANSI A-300 (PART 6)-2012 TREE, SHRUB, AND OTHER WOODY PLANT MANAGEMENT STANDARD PRACTICES (PLANTING AND TRANSPLANTING). CONTRACTOR SHALL ENSURE THAT THE PLANS, DETAILS, SPECIFICATIONS AND NOTES HAVE BEEN ADHERED TO AND THAT THE LANDSCAPE AND IRRIGATION INSTALLATION IS COMPLIANT TO ALL ITEMS AS DIRECTED ON THE PLANS PRIOR TO SCHEDULING OF THE FINAL INSPECTION.

CONTRACTOR SHALL REMOVE ALL STAKES, POLES, WELLINGTON TAPE AND OR BRACING MATERIALS FROM ALL PALMS, TREES AND SHRUBS WITHIN 1 YEAR OF INSTALLATION.

- THE PLANT LIST IS INTENDED ONLY AS AN AID TO BIDDING. ANY DISCREPANCIES FOUND BETWEEN THE QUANTITIES ON THE PLAN AND PLANT LIST, THE QUANTITIES ON THE PLAN SHALL BE HELD VALID.
- 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.

A MINIMUM OF 6 MONTHS OF SUPPLEMENTAL HAND OR AUTOMATIC IRRIGATION SYSTEM WATERING SHALL BE REQUIRED TO AID IN NEW TREE OR PALM ESTABLISHMENT.

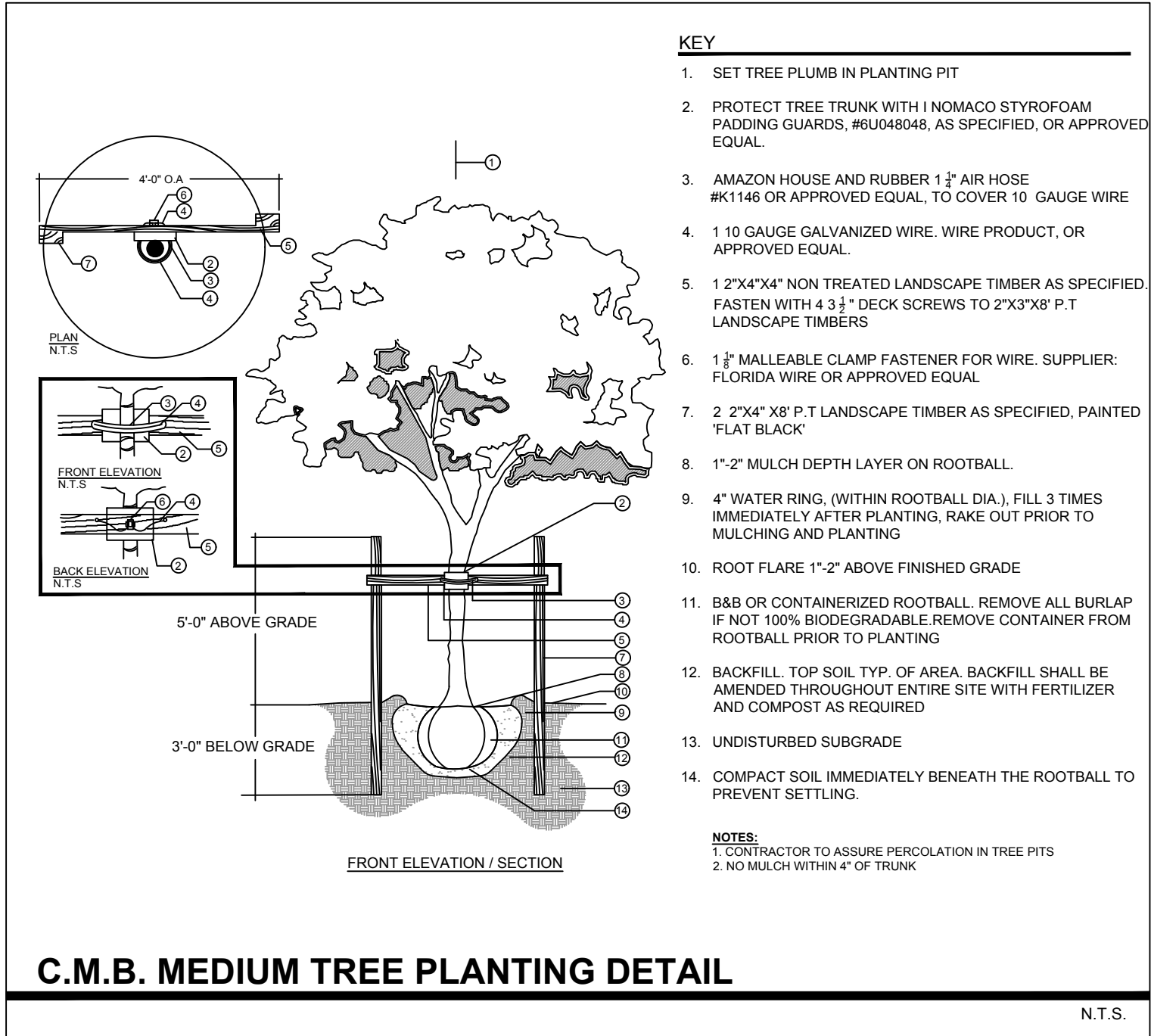
- FERTILIZATION: ONE COMPLETE APPLICATION OF GRANULAR FERTILIZER SHALL BE APPLIED PRIOR TO FINAL ACCEPTANCE AND APPROVAL BY THE LANDSCAPE ARCHITECT. FERTILIZER SHALL BE OSMACOTE OR APPROVAL EQUAL.

- REMOVE ALL PROHIBITED / INVASIVE TREES SPECIES AND VEGETATION ON SITE LISTED ON THE ERM TREE PERMIT EXEMPTION LIST OF THE MIAMI DADE COUNTY CODE SECTION 24-49(4)

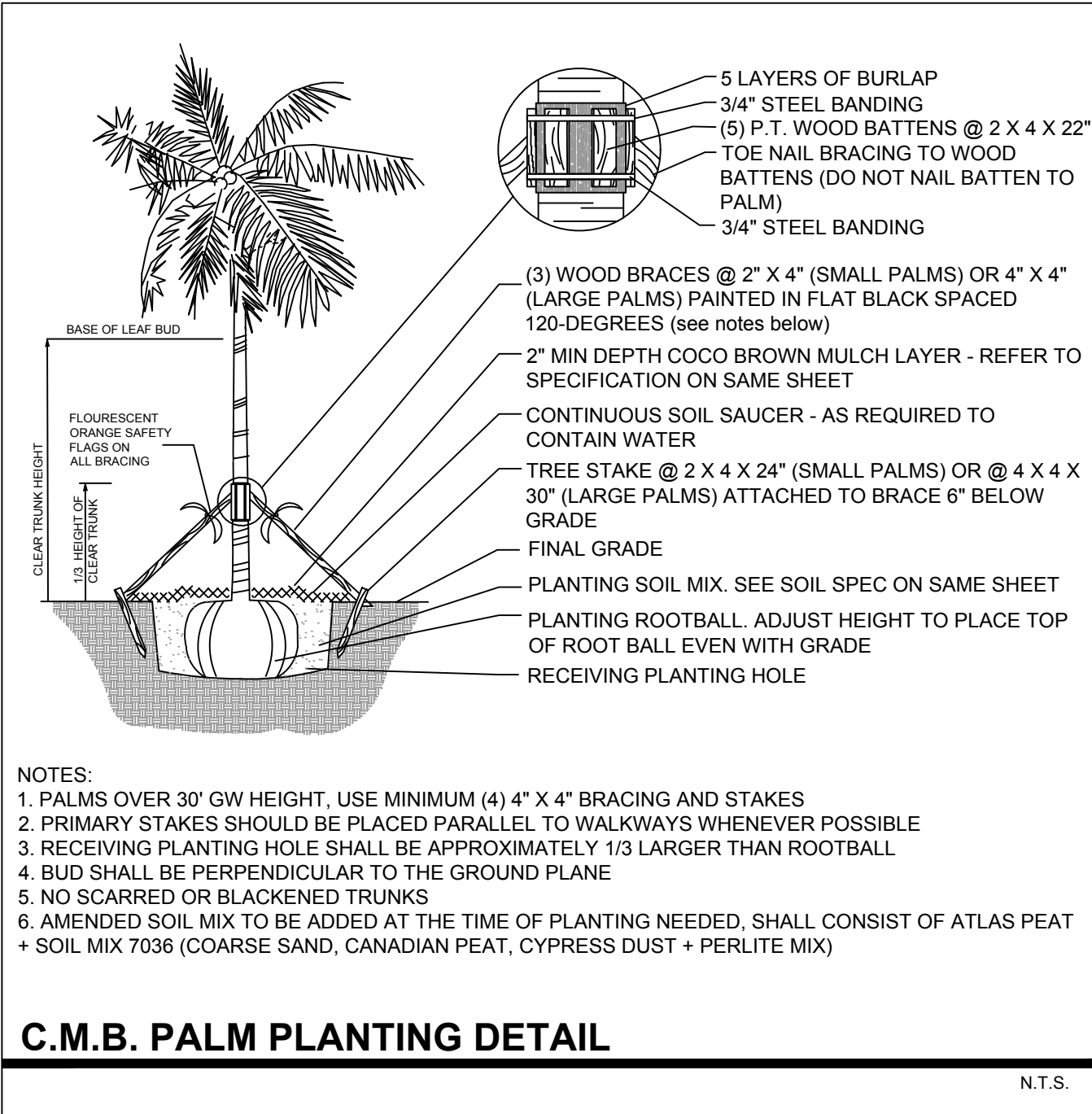
17. SHOULD ANY TREES OR PALMS BE DAMAGED THEY SHALL BE EVALUATED BY THE CITY URBAN FORESTER TO DETERMINE CORRECTIVE ACTIONS THAT MAY INCLUDE REMOVAL, CORRECTIVE PRUNING AND OR REPLACEMENT. ANY CORRECTIVE ACTION REQUIRED SHALL BE PERFORMED IN ACCORDANCE WITH A MIAMI DADE COUNTY CODE, ANSI-A 300 PRUNING STANDARDS AND OR AN ISSUED ERM TREE PERMIT OR ENVIRONMENTAL PERMIT. ANY CORRECTIVE PRUNING REQUIRED SHALL BE PERFORMED BY AN ISA CERTIFIED ARBORIST OR ASCA CONSULTING ARBORIST AND THE CITY URBAN FORESTER SHALL BE CONSULTED.

18. ALL TREES + PALMS TO REMAIN OR BE RELOCATED ON SITE IN THE VICINITY OF CONSTRUCTION ACTIVITIES, SHALL BE PROTECTED THROUGH THE USE OF TREE PROTECTION BARRICADES INSTALLED AT THE TREE OR PALM DRIP LINE. A TREE PROTECTION FENCE SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING AND SHALL REMAIN IN PLACE UNTIL ON SITE CONSTRUCTION HAS BEEN COMPLETED.

19. CITY OF URBAN FORESTER AND OR PLANNING DEPARTMENT STAFF TO APPROVE ROW TREES BEFORE THEY ARE PLANTED.



- KEY**
- SET TREE PLUMB IN PLANTING PIT
 - PROTECT TREE TRUNK WITH 1" NOMACO STYROFOAM PADDING GUARDS, #6U46048, AS SPECIFIED, OR APPROVED EQUAL.
 - AMAZON HOUSE AND RUBBER 1 1/2" AIR HOSE #K1146 OR APPROVED EQUAL, TO COVER 10' GAUGE WIRE
 - 1 10' GAUGE GALVANIZED WIRE, WIRE PRODUCT, OR APPROVED EQUAL.
 - 1 2"x4"x4" NON TREATED LANDSCAPE TIMBER AS SPECIFIED FASTEN WITH 4 3/4" DECK SCREWS TO 2"x3"x8" P.T. LANDSCAPE TIMBERS
 - 1 1/2" MALLEABLE CLAMP FASTENER FOR WIRE. SUPPLIER: FLORIDA WIRE OR APPROVED EQUAL
 - 2 2"x4" X8" P.T. LANDSCAPE TIMBER AS SPECIFIED, PAINTED 'FLAT BLACK'
 - 1"-2" MULCH DEPTH LAYER ON ROOTBALL
 - 4" WATER RING, (WITHIN ROOTBALL DIA.), FILL 3 TIMES IMMEDIATELY AFTER PLANTING, RAKE OUT PRIOR TO MULCHING AND PLANTING
 - ROOT FLARE 1"-2" ABOVE FINISHED GRADE
 - B&B OR CONTAINERIZED ROOTBALL. REMOVE ALL BURLAP IF NOT 100% BIODEGRADABLE. REMOVE CONTAINER FROM ROOTBALL PRIOR TO PLANTING
 - BACKFILL TOP SOIL TYP. OF AREA. BACKFILL SHALL BE AMENDED THROUGHOUT ENTIRE SITE WITH FERTILIZER AND COMPOST AS REQUIRED
 - UNDISTURBED SUBGRADE
 - COMPACT SOIL IMMEDIATELY BENEATH THE ROOTBALL TO PREVENT SETTLING.
- NOTES:**
1. CONTRACTOR TO ASSURE PERCOLATION IN TREE PITS
2. NO MULCH WITHIN 4" OF TRUNK



- NOTES:**
- PALMS OVER 30' GW HEIGHT, USE MINIMUM (4) 4" X 4" BRACING AND STAKES
 - PRIMARY STAKES SHOULD BE PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE
 - RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL
 - BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE
 - NO SCARRED OR BLACKENED TRUNKS
 - AMENDED SOIL MIX TO BE ADDED AT THE TIME OF PLANTING NEEDED, SHALL CONSIST OF ATLAS PEAT + SOIL MIX 7036 (COARSE SAND, CANADIAN PEAT, CYPRESS DUST + PERLITE MIX)

PLANTLIST - 22 STAR ISLAND

KEY	NATIVE	QTY.	COMMON NAME	BOTANICAL NAME	HEIGHT, SPECIFICATION, & NOTES
TREES					
CD	YES	1	PIGEON PLUM TREE	Coccoloba diversifolia	30' height minimum, field grown specimen to be approved
CHa	YES	1	SILK FLOSS TREE	Chorisia speciosa	50 gallon, 14-16' height, equal to Treeworld Wholesale
CHb	YES	1	SILK FLOSS TREE	Chorisia speciosa	200 gallon, 20' height, or field grown w/ character
CR	YES	20	PITCH APPLE TREE	Clusia rosea	12' o.a. height min, full to base, equal to Treeworld Wholesale
CS	NO	1	FLAMBOYAN TREE	Ceiba speciosa	30-40' height minimum, field grown specimen to be approved
PSa	NO	4	FRANGIPANI TREE	Plumeria species	12' o.a. height, full canopy, pink flowering, equal to Treeworld Wholesale
PSb	NO	1	FRANGIPANI TREE	Plumeria species	18'-18" o.a. height, field grown specimen to be approved
MF	YES	6	SIMPSON STOPPER TREE	Myrcianthes fragrans	100 gallon, multi-trunk specimen, equal to Treeworld Wholesale
PALMS					
CN	YES	10	'GR. MALAYAN' COCONUT PALM	Cocos nucifera 'Green Malayan'	Full heads, Florida Fancy, see landscape plans for grey wood
DC	YES	27	CABADA PALM	Dypsis cabadae	12-14' height, partial shade grown w/ dark green trunks + fronds, full to base
DS	YES	11	MEXICAN CYCAD	Dioon spinulosum	6' x 6', equal to Botanics Wholesale
LG	NO	2	LICUALA PALM	Licuala peltata 'Suwawongii'	6' overall height, equal to Botanics Wholesale
RH	NO	52	LADY PALM	Rhapis excelsa	4' overall height, full to base, equal to Botanics Wholesale
SL	NO	10	TEDDY BEAR PALM	Sata kentia liukuensis	8-10' grey wood, full heads, matched specimens
VM	NO	10	MONTGOMERY PALM	Veitchia montgomeriana	8' grey wood, 13' clear trunk, full heads, doubles, matched
BAMBOO					
BG	NO	16	GRACEFUL BAMBOO	Bambusa textilis 'Gracilis'	12-15' overall height
BL	NO	2	GIANT BLACK BAMBOO	Bambusa lako	25' minimum height, full, specimen
SHRUBS					
CLG	YES	68	SMALL LEAF CLUSIA	Clusia guttifera	8' overall height, full to base, specimen shrubs, 4' o.c. or as required to create a full screen
FGI	NO	75	FICUS GREEN ISLAND	Ficus macrocarpa 'Green Island'	
PSL	YES	85	DWARF BAHAMA COFFEE	Psychotria ligustrifolia	3 gallon, full, space 30" on center
TROPICALS, GROUNDCOVERS, + ACCENTS					
ADM	NO	--	FOXTAIL FERN	Asparagus densiflorus 'Myers'	3 gallon, full, 18" on center
CAN	NO	1250	BEACH BEAN	Canavalia rosea	1 gallon, full, 24" on center
MOD	NO	78	SWISS CHEESE PLANT	Monstera deliciosa	3 gallon, full 36" on center
OPJ	YES	2400	MONDO GRASS	Ophiopogon japonicus	1 gallon, full, 6" on center
PHX	NO	80	PHILODENDRON 'XANADU'	Same	3 gallon, full, 24" on center
PRC	NO	275	PHILODENDRON 'ROJO CONGO'	Same	3 gallon, full 36" on center
TRD	YES	120	FAKAHATCHEE GRASS	Tripsacum dactyloides	3 gallon, full 36" on center
VINES					
FIP	NO	40	CREEPING FIG	Ficus pumila	1 gallon, full, 12" on center
AQUATIC PLANTS					
NYL	NO	--	WATER LILY	Nymphaea lotus	3 gallon
VLH	NO	--	GIANT LILY PAD	Victoria 'Longwood hybrid'	7 gallon
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		
PRR			1"-2" MIX OF POLISHED RIVER ROCK, COLOR TO BE SELECTED + APPROVED, 3" MIN. DEPTH, INSTALL OVER FILTER FABRIC		
SOD			'EMPIRE TURF' ZOYSIA GRASS - OVER 2" TOPSOIL BED, SEE PLANTING SPECS		

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