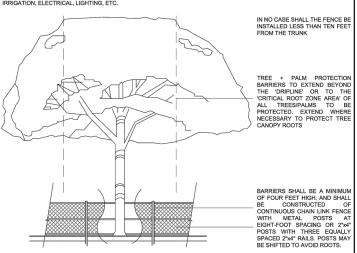


SURVEY NO.	SCIENTIFIC NAME	COMMON NAME	DBH (IN)	HT (FT.)	SP. (FT.)	CONDITION	SPECIMEN (YES OR NO)	NOTES	DISPOSITION	PROPOSED TOTAL DIAMETER OF TREE(S) TO BE REMOVED (SUM O INCHES AT DBH
1	Quercus virginiana	Live Oak	12.74	30	15	FAIR	YES	LARGE BRANCH REMOVED	RELOCATE	
2	Quercus virginiana	Live Oak	12.42	25	15	FAIR	YES		RELOCATE	
3	Quercus virginiana	Live Oak	14.01	30	30	FAIR	YES	NICE STRUCTURE	RELOCATE	
4	Quercus virginiana	Live Oak	14.97	30	30	FAIR	YES	NICE STRUCTURE	RELOCATE	
5	Quercus virginiana	Live Oak	8.60	25	25	FAIR	NO	NICE STRUCTURE	RELOCATE	
6	Quercus virginiana	Live Oak	11.46	22	20	FAIR	NO	UNSYMETRICAL CANOPY	REMAIN	
7	Cassia fistula	Golden Shower	11.46 & 11.46 & 13.38	30	50	FAIR	YES	CANOPY DIEBACK, MULTIPLE DEAD BRANCHES, IN CONFLICT WITH PROPOSED BUILDING	REMOVE	36.30
8	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	14	16	FAIR	NO	MULTI-TRUNK	REMOVE	1 PALM
9	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	14	17	POOR	NO	MULTI-TRUNK, DAMAGED TRUNK	REMOVE	1 PALM
10	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	16	16	FAIR	NO	MULTI-TRUNK	REMOVE	1 PALM
11	Quercus virginiana	Live Oak	3.50	12	6	POOR	NO		REMOVE	3.50
12	Roystonea regia	Royal Palm	18.79	40	25	FAIR	YES		REMOVE	1 PALM
13	Bismarckia nobilis	Bismark Palm	14.00	27	25	FAIR	YES		REMAIN	
14	Bismarckia nobilis	Bismark Palm	14.00	27	25	FAIR	YES		RELOCATE	
15	Roystonea regia	Royal Palm	16.56	30	25	FAIR	YES		REMOVE	1 PALM
16 17	Roystonea regia	Royal Palm	17.20 15.92	40 30	25 25	FAIR FAIR	YES YES		REMOVE REMOVE	1 PALM 1 PALM
18	Roystonea regia Phoenix roebelenii	Royal Palm Pygmy Date Palm	4.14 & 4.14	14	18	FAIR	NO NO		REMAIN	I PALW
19	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	12	16	POOR	NO		REMAIN	
20	Swietenia mahagnoni	Mahogany Tree	5.41	22	20	GOOD	NO		REMAIN	
21	Swietenia mahagnoni	Mahogany Tree	5.10	18	15	GOOD	NO		REMAIN	
22	Swietenia mahagnoni	Mahogany Tree	4.78	25	15	GOOD	NO		REMAIN	
23	Swietenia mahagnoni	Mahogany Tree	4.78	18	15	GOOD	NO		REMAIN	
24	Caesalpinia granadillo	Bridalveil Tree	1.50	11	4	GOOD	NO		REMAIN	
25	Cassia fistula	Golden Shower	32.48	35	50	FAIR	YES	CANOPY DIEBACK, MULTIPLE DEAD BRANCHES	REMAIN	
26	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	16	20	FAIR	NO	MULTI-TRUNK	REMOVE	1 PALM
27	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	12	16	FAIR	NO	MULTI-TRUNK	REMOVE	1 PALM
28	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	12	12	FAIR	NO NO	MULTI-TRUNK	REMOVE	1 PALM
29	Quercus virginiana	Live Oak	15.61	30	30	FAIR	YES		RELOCATE	
30	Quercus virginiana Quercus virginiana	Live Oak Live Oak	11.15 11.78	35	25 25	FAIR FAIR	NO NO		RELOCATE RELOCATE	
31	Quercus virginiana	Live Oak	12.74	30	25	FAIR	YES	NICE STRUCTURE	RELOCATE	
33	Lysiloma latisiliquum	Native Tamarind	4.00	16	12	GOOD	NO	SIRUCIURE	REMAIN	
34	Schefflera actinophylla	Queensland Umbrella Tree	24.00	30	25	GOOD	YES	INVASIVE	REMOVE	12.00
	PROP	OSED TOTAL DIA	METER	OF TRE	EE(S) TO	BE REMOVE	D (SUM OF IN	ICHES AT DBH)	51.80
		PROPOSI	ED TOTA	1 NI IN	BER OF	PALM(S) TO	BE REMOVED)		10 PALMS

TREE PROTECTION

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 WHITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRICATION, ELECTRICAL, LIGHTING, ETC.



PROTECTION DETAIL NOTE:
CONTRACTOR TO INSTALL 'TREE/PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT TH
START OF THE PROJECT, BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NO
BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAI
FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL

FINAL SUBMITTAL: 07.10.2023 **EXISTING TREE DISPOSITION**

SCALE: 1/32" = 1'-0" 0 5' 10'

75'

OJECT NO: 001_23 ASE: CONSTRUCTION 06/20/2023 HECKED:

PETAR STRACENSKI
RLA #LA6667526
1906 Tigertail Ave. Miami, FL 33133
strata-landarch.com | 305.747.9336

CONGREGATION

DING

33140

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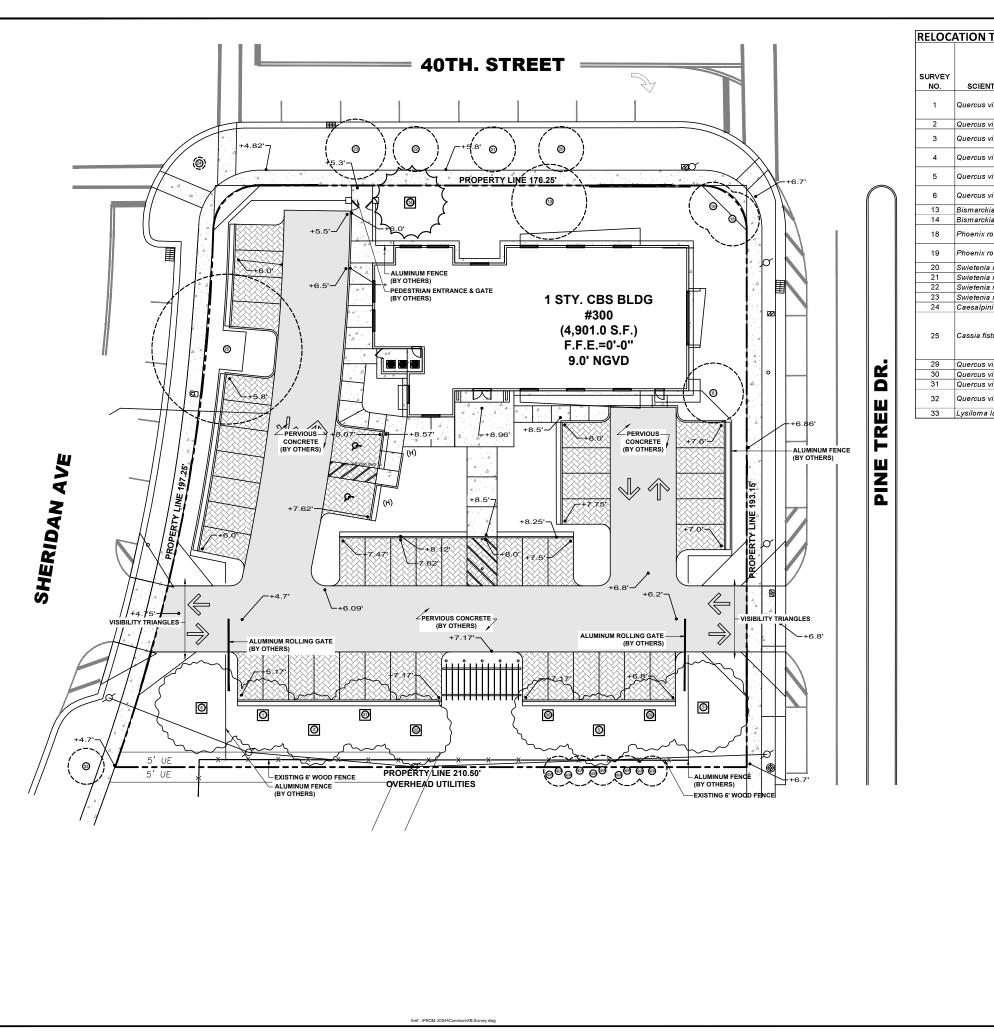
STREET, MIAMI BEACH,

40TH

≥ 300

EXISTING TREE DISPOSITION

L-1



SURVEY NO.	SCIENTIFIC NAME	COMMON NAME	DBH (IN)	HT (FT.)	SP. (FT.)	CONDITION	SPECIMEN (YES OR NO)	NOTES	DISPOSITION
1	Quercus virginiana	Live Oak	12.74	30	15	FAIR	YES	LARGE BRANCH REMOVED	RELOCATE
2	Quercus virginiana	Live Oak	12.42	25	15	FAIR	YES		RELOCATE
3	Quercus virginiana	Live Oak	14.01	30	30	FAIR	YES	NICE STRUCTURE	RELOCATE
4	Quercus virginiana	Live Oak	14.97	30	30	FAIR	YES	NICE STRUCTURE	RELOCATE
5	Quercus virginiana	Live Oak	8.60	25	25	FAIR	NO	NICE STRUCTURE	RELOCATE
6	Quercus virginiana	Live Oak	11.46	22	20	FAIR	NO	UNSYMETRICAL CANOPY	REMAIN
13	Bismarckia nobilis	Bismark Palm	14.00	27	25	FAIR	YES		REMAIN
14	Bismarckia nobilis	Bismark Palm	14.00	27	25	FAIR	YES		RELOCATE
18	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	14	18	FAIR	NO		REMAIN
19	Phoenix roebelenii	Pygmy Date Palm	4.14 & 4.14	12	16	POOR	NO		REMAIN
20	Swietenia mahagnoni	Mahogany Tree	5.41	22	20	GOOD	NO		REMAIN
21	Swietenia mahagnoni	Mahogany Tree	5.10	18	15	GOOD	NO		REMAIN
22	Swietenia mahagnoni	Mahogany Tree	4.78	25	15	GOOD	NO		REMAIN
23	Swietenia mahagnoni	Mahogany Tree	4.78	18	15	GOOD	NO		REMAIN
24	Caesalpinia granadillo	Bridalveil Tree	1.50	11	4	GOOD	NO		REMAIN
25	Cassia fistula	Golden Shower	32.48	35	50	FAIR	YES	CANOPY DIEBACK, MULTIPLE DEAD BRANCHES	REMAIN
29	Quercus virginiana	Live Oak	15.61	30	30	FAIR	YES		RELOCATE
30	Quercus virginiana	Live Oak	11.15	35	25	FAIR	NO		RELOCATE
31	Quercus virginiana	Live Oak	11.78	30	25	FAIR	NO		RELOCATE
32	Quercus virginiana	Live Oak	12.74	30	25	FAIR	YES	NICE STRUCTURE	RELOCATE
33	Lysiloma latisiliquum	Native Tamarind	4.00	16	12	GOOD	NO		REMAIN

300 W 40TH STREET, MIAMI BEACH, FL # REMAIN # RELOCATION LOCATION

PETAR STRACENSKI
RLA #LA6667526
1906 Tigertail Ave. Miami. FL 33133
strata-landarch.com | 305.747.9336

BUILDING

33140

ROJECT NO: 001_23

HASE: CONSTRUCTION 06/20/2023

CHECKED:

RELOCATION PLAN

RELOCATION PLAN

SCALE: 1/32" = 1'-0" 0 5' 10' 25'

FINAL SUBMITTAL: 07.10.2023

TREE / PALM PROTECTION NOTES

. CONTRACTOR QUALIFICATIONS

- 1.1. CONTRACTOR MUST BE A LICENSED LANDSCAPE CONTRACTOR
- CONTRACTOR MUST HAVE A MINIMUM OF 10 YEARS OF PROVEN EXPERIENCE RELOCATING LARGE SPECIMEN TREES AND PALMS IN SOUTH FLORIDA.
- CONTRACTOR MUST HAVE PROVEN EXPERIENCE RELOCATING TREES AND PALMS OF THE SAME SPECIES AND SIZE AS THOSE TO BE RELOCATED FOR THE CURRENT PROJECT.
- CONTRACTOR MUST HAVE A CERTIFIED ARBORIST ON STAFF

2. CONTRACTOR REQUIREMENTS

- CONTRACTOR MUST VISIT THE JOBSITE AND INSPECT ALL TREES AND PALMS TO BE RELOCATED AS WELL AS EXISTING SITE CONDITIONS AND RESTRICTIONS PRIOR TO PREPARING BID.
- CONTRACTOR MUST VERIFY AND ENSURE THAT ALL TREES AND PALMS IDENTIFIED ON THE PLANS AND THOSE TAGGED ON THE JOBSITE CORRESPOND AS TO NUMBER AND DESCRIPTION. ANY DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IMMEDIATELY, PRIOR TO PREPARING BID
- CONTRACTOR MUST CONDUCT ALL WORK ASSOCIATED WITH RELOCATION AND MAINTENANCE OF TREES AND PALMS TO BE RELOCATED. NO WORK IS TO BE SUBCONTRACTED WITHOUT PRIOR WRITTEN CONSENT OF THE OWNER AND/OR LANDSCAPE ARCHITECT.
- CONTRACTOR MUST DESIGNATE A COMPETENT, ENGLISH-SPEAKING SUPERVISOR OR FOREMAN TO OVERSEE AND DIRECT ALL RELOCATION AND MAINTENANCE ACTIVITIES AS OUTLINED IN THESE
- CONTRACTOR MUST SCHEDULE ROOT PRUNING TO PROVIDE THE MAXIMUM POSSIBLE TIME FOR NEW ROOT GROWTH. EVEN TREES AND PALMS THAT TYPICALLY DO NOT REQUIRE LONG (OR ANY) ROOT PRUNING WILL BENEFIT FROM MORE ROOT PRUNING TIME; THEREFORE, ALL TREES AND PALMS TO BE RELOCATED MUST BE ROOT PRUNED. CONTRACTOR MUST PROVIDE A ROOT PRUNE SCHEDULE FOR EACH TREE OR PALM TO BE RELOCATED AS AN ATTACHMENT TO THE BID.
- CONTRACTOR MUST CALL SUNSHINE 811 TO HAVE ALL UNDERGROUND UTILITIES LOCATED LINDER OR IN THE VICINITY OF THE CURRENT OR FUTURE LOCATIONS OF ALL TREES AND PALMS TO BE RELOCATED PRIOR TO WORK COMMENCING.
- CONTRACTOR MUST VERIFY WITH THE GENERAL CONTRACTOR THE ABSENCE OF ANY UNDERGROUND CONSTRUCTION OR OBSTRUCTIONS (E.G., BULKHEADS, SEPTIC SYSTEMS, ETC.) IN THE CURRENT AND FUTURE LOCATIONS OF ALL TREES AND PALMS TO BE RELOCATED.
- CONTRACTOR MUST ALERT THE LANDSCAPE ARCHITECT OF ANY TREES OR PALMS THAT WILL NOT SUCCESSFULLY RELOCATE DUE TO POOR HEALTH PRIOR TO BEGINNING ROOT PRUNING.
- CONTRACTOR MUST FLAG ALL PROPOSED TRANSPLANT LOCATIONS FOR THE LANDSCAPE ARCHITECT'S APPROVAL A MINIMUM OF 15 DAYS PRIOR TO RELOCATION.
- 2.10. CONTRACTOR MUST ENSURE THAT ALL TREES AND PALMS TO BE RELOCATED ARE INSTALLED AT THE CORRECT GRADE OR ELEVATION, ACCORDING TO THE GRADING PLAN.
- 2.11. CONTRACTOR MUST ENSURE THAT ALL ROOT FLARES ARE EXPOSED AFTER RELOCATION.
- 2.12. CONTRACTOR MUST REMOVE ALL RESIDUAL ROOTS, STUMPS, AND PORTIONS THEREOF AND BACKFILL PITS FROM WHICH RELOCATED TREES AND PALMS WERE REMOVED WITH CLEAN FILL FLUSH WITH THE SURROUNDING GRADE.
- 2.13. CONTRACTOR MUST REPAIR ANY DAMAGE TO OTHER PLANTS, LAWN, HARDSCAPES, OR NEW CONSTRUCTION WITHIN THE RELOCATION AREA AT CONTRACTOR'S EXPENSE. HARDSCAPES INCLUDE BUT ARE NOT LIMITED TO CURBS, WALKS, ROADS, FENCES, SITE FURNISHINGS, ETC.
- 2.14. CONTRACTOR MUST PHOTOGRAPHICALLY DOCUMENT NEW ROOT GROWTH FOLLOWING EACH ROOT PRUNE AND SUBMIT THIS DOCUMENTATION TO THE LANDSCAPE ARCHITECT. THE PURPOSE OF THIS REQUIREMENT IS TO ENSURE THAT SUFFICIENT ROOT GROWTH HAS OCCURRED PRIOR TO THE SECOND AND SUBSEQUENT ROOT PRUNES AND FOLLOWING THE FINAL ROOT PRUNE PRIOR TO
- 2.15. CONTRACTOR MUST INSTALL AND MAINTAIN PROTECTION FENCING AROUND EACH TREE AND PALM TO BE RELOCATED BOTH DURING ROOT PRUNING AND AFTER RELOCATION. PROTECTION FENCING MUST CONSIST OF GALVANIZED WELDED WIRE FABRIC OR PLASTIC MESH ATTACHED TO 4" X 4" POSTS INSERTED AROUND THE PERIMETER OF THE DRIPLINE OF THE TREE OR PALM. PROTECTION FENCING MUST BE PLUMB, TAUT, AND STURDY AT ALL TIMES AND MUST REMAIN IN PLACE THROUGHOUT THE ROOT PRUNING AND WARRANTY PERIODS, OR AS DIRECTED BY THE LANDSCAPE
- 2.16. CONTRACTOR MUST OBTAIN ALL NECESSARY OR REQUIRED PERMITS FOR THE RELOCATION AND TRANSPORTATION OF THE TREES AND PALMS TO BE RELOCATED.
- 2.17. CONTRACTOR MUST REPLACE ANY TREES OR PALMS SCARRED OR DAMAGED DURING RELOCATION, AT THE CONTRACTOR'S EXPENSE, WITH THE SAME OR SIMILAR SPECIES, SIZE, AND QUALITY. REPLACEMENT TREES OR PALMS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PROCUREMENT, PREPARATION, AND/OR INSTALLATION. REPLACEMENT TREES AND PALMS MUST BE INSTALLED WITHIN 60 DAYS OF NOTICE.
- 2.18. CONTRACTOR MUST GUARANTEE ALL RELOCATED TREES AND PALMS FOR ONE YEAR FROM THE DATE OF RELOCATION TO THE FINAL LOCATION. GUARANTEE MUST INCLUDE TREE HEALTH AND
- 2.19. CONTRACTOR MUST PROVIDE ALL MATERIAL NECESSARY TO PERFORM THE WORK COVERED HEREIN, INCLUDING BUT NOT LIMITED TO BACKFILL MATERIAL, PROTECTION FENCING, FLAGGING ADDITIVES AND SUPPLEMENTS, TEMPORARY IRRIGATION, BURLAP, WIRE, SHRINK WRAP, AND ALL NECESSARY TOOLS AND EQUIPMENT.

3. ROOT PRUNING SPECIFICATIONS

3.1. GENERAL

- ALL TREES AND PALMS TO BE RELOCATED MUST BE WATERED DAILY FOR AT LEAST 2-3 DAYS PRIOR TO ANY ROOTS BEING CUT TO ENSURE THAT THEY ARE FULLY HYDRATED. EACH WATERING MUST THOROUGHLY SATURATE THE ROOTBALL TO ITS FULL DEPTH.
- 3.1.2. EACH TREE AND PALM MUST THEN BE WATERED EVERY OTHER DAY, NOT RELYING ON RAIN, DURING THE ENTIRE ROOT PRUNING PROCESS EITHER BY A TEMPORARY IRRIGATION SYSTEM OR BY HAND. EACH WATERING MUST THOROUGHLY SATURATE THE ROOTBALL TO ITS FULL DEPTH.
- 3.1.3. TREE AND PALM RELOCATION ACTIVITIES MUST BE SCHEDULED SO THAT REMOVAL AND REPLANTING TAKE PLACE IN THE SAME 24-HOUR PERIOD. NO TREES OR PALMS MAY BE "STOCKPILED" ONSITE OR OFFSITE FOR ANY PERIOD OF TIME WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. WHEN ALLOWED, APPROVAL FOR THE METHOD OF "STOCKPILING" MUST BE OBTAINED

FROM THE LANDSCAPE ARCHITECT

- 3.1.4. ALL DIGGING IN THE ROOT ZONE DURING THE ROOT PRUNE PROCESS MUST BE DONE BY HAND: NO MACHINERY WILL BE ALLOWED PRUNING OF ROOTS MUST BE DONE BY HAND WITH CLEAN SHARP TOOLS. DO NOT PAINT CUT ROOTS WITH TREE PAINT OR ANY KIND OF SEALANT
- 3.1.5. MYCORRHIZA (ROOTS® TRANSPLANT OR EQUIVALENT) MUST BE INCORPORATED INTO THE BACKFILL SOIL PRIOR TO BACKFILLING AS PER MANUFACTURER'S RECOMMENDATIONS.
- 3.1.6. AFTER EACH ROOT PRUNE, EACH SECTION OF ROOTBALL THAT IS PRUNED MUST BE WRAPPED WITH BLACK PLASTIC AND THE TRENCH BACKFILLED WITH ORIGINAL EXCAVATED SOIL. A TREE RING WITH A MINIMUM HEIGHT OF 6" MUST BE CONSTRUCTED 6-12" OUTSIDE THE OUTERMOST EDGE OF THE ROOTBALL AND AROUND THE ENTIRE PERIMETER OF THE ROOTBALL TO DIRECT IRRIGATION WATER AND ANY ADDED SUPPLEMENTS DOWN INTO THE ROOTBALL DURING ROOT REGENERATION.
- 3.1.7. ONCE THE TREE RING IS CONSTRUCTED AFTER EACH ROOT PRUNE, A HIGH-PHOSPHORUS ROOT STIMULANT MUST BE LIBERALLY APPLIED TO THE SURFACE OF THE ROOTBALL AND THOROUGHLY WATERED IN TO ENCOURAGE NEW ROOT GROWTH.

- 3.2.1. PRIOR TO ANY ROOTS BEING CUT, ALL MAJOR ROOTS MUST BE IDENTIFIED TO DETERMINE THE ROOTBALL DIAMETER BASED ON THE RELATIVE LOCATION AND SIZE OF THE ROOTS.
- 3.2.2. MANY TREE RELOCATION SPECIFICATIONS USE "GENERAL RULES" TO CALCULATE MINIMUM ROOTBALL DIAMETER, SUCH AS MULTIPLYING THE DIAMETER AT BREAST HEIGHT (DBH) OF THE TREE BY A FACTOR OF 10 OR ALLOWING A MINIMUM OF 9"-12" OF ROOTBALL FOR EVERY 1" OF TREE CALIPER, OTHERS LIST UNREALISTIC MINIMUM SIZES FOR THE ROOTBALLS OF VARIOUS TREE CALIPERS OR HEIGHTS. IN MANY CASES, SUCH APPROACHES RESULT IN ROOTBALLS THAT ARE EITHER TOO LARGE OR TOO SMALL FOR A GIVEN TREE. THE FOLLOWING TABLE LISTS MINIMUM ROOTBALL DIAMETERS BASED ON REAL-WORLD EXPERIENCE OF TREE RELOCATION SPECIALISTS IN SOUTH FLORIDA:

CALIPER	MIN. ROOTBALL	CALIPER	MIN. ROOTBALL
(inches)	DIA. (feet)	(inches)	DIA. (feet)
1 - 4	3	12 - 14	8
4 - 5	4	15 - 17	10
6 - 7	5	18 - 24	12 - 15
8 - 9	6	25 - 30	15 - 25
10 -11	7	30 +	as needed

- 3.2.3. WHENEVER POSSIBLE, ROOTBALLS MUST BE CIRCULAR IN SHAPE WITH AN EQUAL DISTANCE FROM THE TRUNK TO THE EDGE OF THE ROOTBALL ALL AROUND.
- 3.2.4. MINIMUM ROOTBALL DEPTH MUST BE 24"-36" FOR ALL TREES TO BE RELOCATED. WITH THE ACTUAL DEPTH TO BE DETERMINED ONLY AFTER A THOROUGH EXAMINATION OF ALL ROOTS DURING THE INITIAL ROOT INSPECTION AND BASED ON THE ABSENCE OF MAJOR ROOTS AT THE BOTTOM OF THE ROOTBALL. ROOTBALLS DEEPER THAN 36" MAY BE REQUIRED FOR LARGE SPECIMEN TREES, DEPENDING ON THE RELATIVE LOCATIONS AND DEPTHS OF THE MAJOR ROOTS AS OBSERVED DURING THE INITIAL ROOT INSPECTION.
- 3.2.5. AS A GENERAL RULE, MINIMUM ROOT PRUNE TIME FOR TREES WITH A DBH OF LESS THAN 10" IS 12 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 6 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 3 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM FARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER MONTHS OF THE YEAR.
- 3.2.6. AS A GENERAL RULE, MINIMUM ROOT PRUNE TIME FOR TREES WITH A DBH OF 10" OR GREATER IS 24 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 12 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 6 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM EARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER MONTHS OF THE YEAR.
- 3.2.7. CERTAIN HARDWOOD TREES AND GYMNOSPERMS REQUIRE LONGER ROOT PRUNING TIMES. THESE INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 - AVOCADO (PERSEA AMERICANA)
 - BLACK OLIVE (BUCIDA BUCERAS)
 - BRIDALVEIL (CAESALPINIA GRANADILLO)
 - CASSIAS (ALL SPECIES OF CASSIA)
 - LIGNUM VITAE (GUAIACUM SANCTUM & G. OFFICINALE)
 - PODOCARPUS (PODOCARPUS SP.)
 - LIVE OAK (QUERCUS VIRGINIANA) • MAHOGANY (SWIETENIA MAHAGONI)
 - MANGO (MANGIFERA INDICA)
 - PIGEON PLUM (COCCOLOBA DIVERSIFOLIA) SWEET ACACIA (ACACIA FARNESIANA)
 - VERAWOOD (BULNESIA ARBOREA)
 - WILD TAMARIND (LYSILOMA LATISILIQUUM & L. SABICU)

FOR THESE TREES. THE MINIMUM ROOT PRUNE TIMES DISCUSSED IN SECTIONS 3.2.5 AND 3.2.6 ABOVE MAY BE INSUFFICIENT. ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING AN EARLIER ROOT PRUNE CAN THE NEXT ROOT PRUNE BE DONE, AND ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING THE FINAL ROOT PRUNE MAY THE TREE BE RELOCATED (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS).

3.1.1. THE FOLLOWING TABLE LISTS MINIMUM ROOTBALL DIAMETERS FOR VARIOUS SPECIES OF PALMS BASED ON REAL-WORLD EXPERIENCE OF RELOCATION SPECIALISTS IN SOUTH FLORIDA:

PALM SPECIES SABAL / CABBAGE PALM QUEEN & FOXTAIL PALMS **ROYAL & COCONUT PALMS** CANARY DATE PALM SLOW-GROWING PALMS

ROOTBALL SPECIFICATIONS 36" diameter 12" from trunk in all directions 18 - 24" from trunk in all directions 24" from trunk in all directions 24" from trunk in all directions

- 3.1.2. PALM ROOTBALLS MUST BE A MINIMUM OF 24" DEEP. WHENEVER POSSIBLE, ROOTBALLS MUST BE CIRCULAR IN SHAPE WITH AN EQUAL DISTANCE FROM THE TRUNK TO THE EDGE OF THE ROOTBALL
- 3.1.3. AS A GENERAL RULE. MINIMUM ROOT PRUNE TIME FOR PALMS IS 6-8 WEEKS. THE FIRST ROOT PRUNE MUST BE ON TWO OPPOSING SIDES OF THE ROOTBALL, WITH THE SECOND ROOT PRUNE ON ONE OF THE OTHER TWO SIDES DONE A MINIMUM OF 3-4 WEEKS LATER, AND A THIRD ROOT PRUNE ON THE LAST SIDE DONE A MINIMUM OF 4.5-6 WEEKS AFTER THAT. THE SECOND AND THIRD ROOT PRUNES MAY ONLY BE DONE WHEN HEALTHY NEW ROOT GROWTH FROM EARLIER ROOT PRUNES IS EVIDENT (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS). MORE TIME MAY BE NEEDED DURING THE COOLER
- 3.1.4. CERTAIN PALMS, IN PARTICULAR THOSE THAT ARE SLOW GROWING, REQUIRE LONGER ROOT PRUNING TIME. THESE INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- ALL SPECIES OF ARCHONTOPHOENIX
- ALL SPECIES OF CORYPHA
- AMERICAN OIL PALMS (ALL SPECIES OF ATTALEA)
- BISMARCK PALM (BISMARCKIA NOBILIS)
- CUBAN & CARIBBEAN COPERNICIA
- CUBAN BELLY PALM (GASTROCOCOS CRISPA)
- GINGERBREAD/DOUM PALMS (ALL SPECIES OF HYPHAENE)
- PALMYRA PALMS (ALL SPECIES OF BORASSUS)
- SATAKE PALM (SATAKENTIA LIUKIUENSIS)
- SAW PALMETTO (SERENOA REPENS)
- SILVER PALM (COCCOTHRINAX ARGENTATA)
- ZOMBIE PALM (ZOMBIA ANTILLARUM)

FOR THESE PALMS, THE MINIMUM ROOT PRUNING TIME IS 4-6 MONTHS OR GREATER. ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING AN EARLIER ROOT PRUNE CAN THE NEXT ROOT PRUNE BE DONE, AND ONLY WHEN SUFFICIENT NEW ROOT GROWTH HAS TAKEN PLACE FOLLOWING THE FINAL ROOT PRUNE MAY THE TREE BE RELOCATED (SEE SECTION 2.14 ABOVE FOR SPECIFICATIONS ON PHOTOGRAPHICALLY DOCUMENTING NEW ROOT GROWTH DURING THE ROOT PRUNE PROCESS).

4. CANOPY PRUNING SPECIFICATIONS

4.1. TREES

- 4.1.1. PRIOR TO RELOCATION, THE CANOPY OF EACH TREE TO BE RELOCATED MUST BE SELECTIVELY PRUNED TO REMOVE CROSSING, DEAD, DISEASED, BROKEN, AND LOW-HANGING BRANCHES THAT MAY INTERFERE WITH CONSTRUCTION ACTIVITIES, OR THAT MAY INTERFERE OR RESTRICT STRAPPING OR LIFTING THE TREE DURING RELOCATION.
- 4.1.2. FOR TREES BEING RELOCATED ONSITE, THE CANOPY MAY BE SELECTIVELY THINNED AND REDUCED BY NO MORE THAN 1/3 OF THE OVERALL CANOPY MASS, AT THE DIRECTION OF THE LANDSCAPE ARCHITECT; HOWEVER, THE BASIC SHAPE, FORM, AND CHARACTER OF THE TREE MUST BE
- 4.1.3. FOR TREES BEING RELOCATED OFFSITE, THE CANOPY MUST BE PRUNED, AT THE DIRECTION OF THE LANDSCAPE ARCHITECT, TO FIT ON THE TRAILER FOR TRANSPORT. EVERY EFFORT MUST BE MADE TO RETAIN AS MANY LARGE BRANCHES AS POSSIBLE AND TO PRESERVE AS MUCH OF THE SHAPE, FORM, AND CHARACTER OF THE TREE AS POSSIBLE TO THE WIDEST LOAD WIDTH ALLOWABLE BY THE FLORIDA DEPARTMENT OF TRANSPORTATION. CONTRACTOR MUST OBTAIN ALL NECESSARY PERMITS AND ESCORTS TO TRANSPORT WIDE LOADS, PER FLORIDA LAW.
- 4.1.4. ALL CANOPY PRUNING MUST BE CONDUCTED FOLLOWING ANSI A-300 TREE PRUNING STANDARDS AND BEST MANAGEMENT PRACTICES.
- 4.1.5. ALL DEBRIS GENERATED DURING CANOPY PRUNING MUST BE REMOVED OFFSITE AND DISPOSED.

- 4.2.1. IT IS WELL KNOWN THAT SOME PALMS SURVIVE RELOCATION BETTER WHEN ALL OF THE LEAVES ARE REMOVED (E.G., CABBAGE PALM, SABAL PALMETTO), AND THAT OTHER PALMS BENEFIT FROM HAVING THEIR LEAVES CUT IN HALF DURING RELOCATION (E.G., COCONUT PALM, COCOS NUCIFERA). BOTH OF THESE HORTICULTURAL PRACTICES, WHILE TRUE, ARE ONLY APPLICABLE WHEN PALMS ARE NOT ROOT PRUNED. LEAVES DO NOT NEED TO BE CUT IN HALF OR REMOVED FROM PALMS THAT ARE ADEQUATELY ROOT PRUNED. ON OCCASION WHEN SUFFICIENT ROOT PRUNING TIME IS NOT AVAILABLE, PALMS TO BE RELOCATED MAY HAVE THEIR LEAVES CUT IN HALF OR REMOVED ENTIRELY AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.
- 4.2.2. PALM LEAVES MUST BE TIED UP WITH 2-PLY BIODEGRADABLE TWINE PRIOR TO RELOCATION TO REVENT MECHANICAL DAMAGE DURING THE RELOCATION PROCESS.
- 4.2.3. PALM TRUNKS SHALL ONLY BE 'CLEANED UP' ACCORDING TO THE LANDSCAPE ARCHITECT'S SPECIFICATIONS SPECIFIC TO EACH PALM.

FINAL SUBMITTAL: 07.10.2023 **EXISTING TREE NOTES**

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OJECT NO: 001 23 ASE: CONSTRUCTION 06/20/2023

CHECKED:

EXISTING TREE NOTES

MAINTENANCE SPECIFICATIONS

6.1. GENERAL

- 6.1.1. ALL RELOCATED TREES AND PALMS MUST BE MAINTAINED FOR ONE YEAR FROM THE DATE OF RELOCATION TO THEIR FINAL LOCATIONS.
- 6.1.2. CONTRACTOR MUST MAINTAIN ALL RELOCATED TREES AND PALMS FOR ONE FULL YEAR FROM THE DATE OF RELOCATION TO THE FINAL LOCATION.
- 6.1.3. WHENEVER POSSIBLE, EACH TREE AND PALM MUST BE WATERED BY A PERMANENT AUTOMATIC IRRIGATION SYSTEM FOLLOWING RELOCATION. EACH WATERING MUST THOROUGHLY SATURATE THI ROOTBALL TO ITS FULL DEPTH; THIS WILL REQUIRE 25-50 GALLONS OF WATER FOR SMALL TREES AND PALMS, DEPENDING ON ROOTBALL SIZE, WHILE LARGE TREES WILL REQUIRE A MINIMUM OF 10 GALLONS PER FOOT OF ROOTBALL DIAMETER (I.F. A 10' DIAMETER ROOTBALL WILL REQUIRE A MINIMUM OF 100 GALLONS PER WATERING EVENT). WATERING FREQUENCY MUST BE EVERY DAY FOR THE FIRST TWO WEEKS, EVERY OTHER DAY FOR THE NEXT THREE WEEKS, AND EVERY THIRD DAY FOR
- 6.1.4. WHEN AN AUTOMATIC IRRIGATION SYSTEM IS NOT POSSIBLE, CONTRACTOR IS RESPONSIBLE FOR HAND WATERING RELOCATED TREES AND PALMS THROUGHOUT THE MAINTENANCE PERIOD AND UNTIL FINAL ACCEPTANCE BY THE LANDSCAPE ARCHITECT AND/OR CLIENT.
- 6.1.5. IMMEDIATELY AFTER RELOCATION TO THE FINAL LOCATION, A HIGH-PHOSPHORUS ROOT STIMULANT MUST BE APPLIED TO THE SURFACE OF THE ROOTBALL AT THE RECOMMENDED LABEL RATE AND WATERED IN WITH A DRENCH CONSISTING OF A SYSTEMIC INSECTICIDE AND A CONTACT ROOT ROT FUNGICIDE. FOLLOWING LABEL INSTRUCTIONS. AS INITIAL PREVENTATIVE MAINTENANCE.
- 6.1.6. EVERY THREE MONTHS THEREAFTER, A HIGH-PHOSPHORUS ROOT STIMULANT MUST BE APPLIED TO THE SURFACE OF THE ROOTBALL AT THE RECOMMENDED LABEL RATE AND WATERED IN WITH A DRENCH CONSISTING OF A SYSTEMIC INSECTICIDE AND A BROAD-SPECTRUM SYSTEMIC FUNGICIDE, FOLLOWING LABEL INSTRUCTIONS, AS CONTINUING PREVENTATIVE MAINTENANCE.
- 6.1.7. IRRIGATION AND BRACING MUST BE CHECKED AND EACH TREE OR PALM THOROUGHLY INSPECTED FOR SIGNS OF STRESS, DISEASE, OR PEST PROBLEMS ON A MONTHLY BASIS.

SHADE TREES

- 6.1.8. IMMEDIATELY AFTER RELOCATION TO THE FINAL LOCATION AND EVERY THREE MONTHS THEREAFTER, A HIGH-QUALITY, SLOW-RELEASE 15-2-15 GRANULAR FERTILIZER MUST BE APPLIED, AT THE RECOMMENDED LABEL RATE, SPREAD EVENLY ACROSS THE SURFACE OF THE ROOTBALL.
- 6.1.9. FOLIAR FEED FOUR TIMES PER YEAR

6.2. FLOWERING TREES

- 6.2.1. IMMEDIATELY AFTER RELOCATION TO THE FINAL LOCATION AND EVERY THREE MONTHS THEREAFTER, A HIGH-QUALITY, SLOW-RELEASE 5-10-15 GRANULAR FERTILIZER MUST BE APPLIED, AT THE RECOMMENDED LABEL RATE, SPREAD EVENLY ACROSS THE SURFACE OF THE ROOTBALL.
- 6.2.2. FOLIAR FEED FOUR TIMES PER YEAR.

6.3. PALMS

- 6.3.1. STRING MUST BE REMOVED FROM THE TIED UP LEAVES IMMEDIATELY AFTER RELOCATION TO THE FINAL LOCATION IF THE PALM WAS ROOT PRUNED OR WITHIN 30-45 DAYS AFTER RELOCATION ON THE OCCASION THE LANDSCAPE ARCHITECT APPROVED RELOCATION WITHOUT ROOT PRUNING DUE TO
- 6.3.2. IMMEDIATELY AFTER RELOCATION TO THE FINAL LOCATION AND EVERY THREE MONTHS THEREAFTER, A HIGH-QUALITY, SLOW-RELEASE 8-4-12 GRANULAR PALM FERTILIZER WITH MINORS MUST BE APPLIED, AT THE RECOMMENDED LABEL RATE, SPREAD EVENLY ACROSS THE SURFACE OF THE ROOTBALL.
- 6.3.3 FOLIAR FEED SIX TIMES PER YEAR

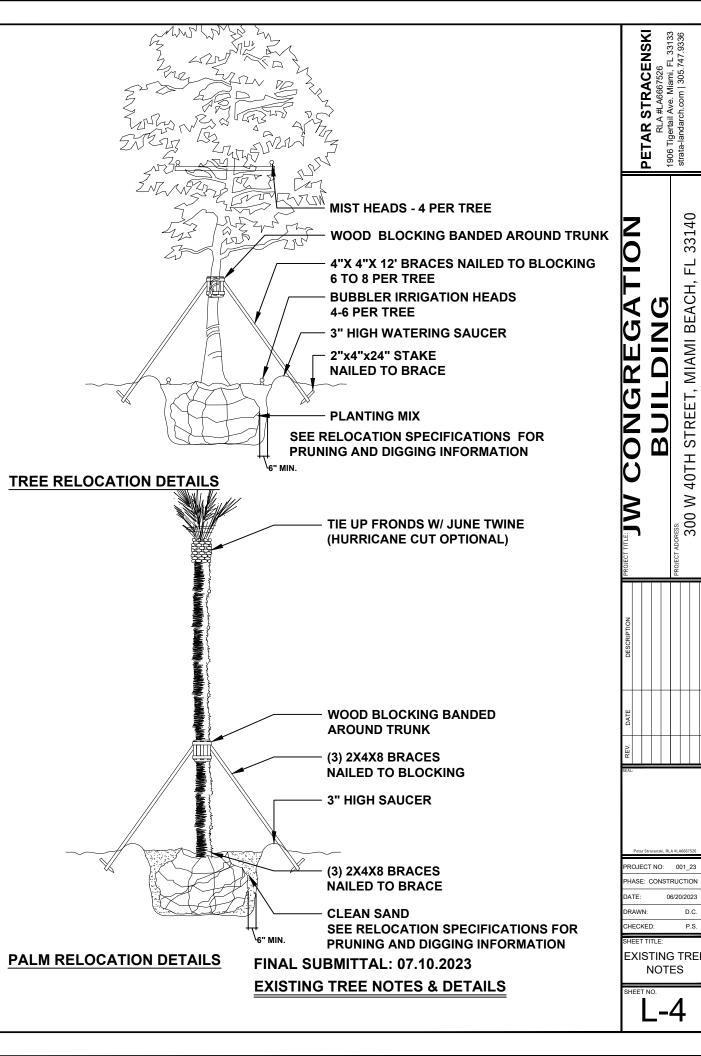
WARRANT\

- 7.1. ALL RELOCATED TREES AND PALMS MUST BE GUARANTEED FOR ONE YEAR FROM THE DATE OF RELOCATION TO THEIR FINAL LOCATIONS.
- 7.2. IF A TREE OR PALM DIES WITHIN THE 1-YEAR WARRANTY PERIOD, IT MUST BE REMOVED AND REPLACED
- 7.3. IF A TREE OR PALM PERFORMS POORLY WITHIN THE 1-YEAR WARRANTY PERIOD, IT MUST BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE. THE DECISION TO REPLACE BASED ON POOR HEALTH IS AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.
- 7.4. IF A TREE OR PALM SETTLES TO AN UNHEALTHY DEPTH WITHIN THE 1-YEAR WARRANTY PERIOD, AS DEEMED BY THE LANDSCAPE ARCHITECT, IT MUST BE RAISED TO THE CORRECT GRADE AT CONTRACTOR'S EXPENSE.

RELOCATION SPECIFICATIONS

5.1. GENERAL

- 5.1.1. LANDSCAPE CONTRACTOR TO FLAG ALL PROPOSED PLANT LOCATIONS FOR LANDSCAPE ARCHITECT'S APPROVAL PRIOR TO INSTALLATION. NOTIFY LANDSCAPE ARCHITECT A MINIMUM OF 15 DAYS PRIOR
- 5.1.2. ALL TREES AND PALMS TO BE RELOCATED MUST BE WATERED DAILY FOR AT LEAST 5 DAYS PRIOR TO ANY RELOCATION TO ENSURE THAT THEY ARE FULLY HYDRATED. EACH WATERING MUST THOROUGHLY SATURATE THE ROOTBALL TO ITS FULL DEPTH
- 5.1.3. ALL ROOTBALLS MUST BE WRAPPED IN BURLAP AND THEN TIGHTLY WIRE-WRAPPED (USING REDLINE HORSE WIRE OR EQUIVALENT) TO KEEP THE ENTIRE ROOTBALL INTACT DURING RELOCATION. TREES AND PALMS GROWING IN LIMESTONE MUST BE DUG AND RELOCATED WITH THE ROOTS ATTACHED TO A SECTION OF ROCK AS PART OF THE ROOTBALL, SUCH THAT THE ROOTS REMAIN INTACT. ROOTBALLS COMING FROM SAND OR SANDY SOIL MAY ALSO NEED TO BE BOXED PRIOR TO RELOCATION, AT THE DISCRETION OF THE LANDSCAPE ARCHITECT
- 5.1.4. TREES AND PALMS BEING RELOCATED OFFSITE MUST HAVE THEIR ENTIRE ROOTBALLS THOROUGHLY AND TIGHTLY WRAPPED WITH PLASTIC SHRINK WRAP ON THE OUTSIDE OF THE WIRE WRAP, AND THE ENTIRE TREE OR PALM (INCLUDING CANOPY, TRUNK, AND ROOTBALL) MUST BE COVERED WITH A BREATHABLE TARP (E.G., SHADE CLOTH) DURING TRANSPORT.
- 5.1.5. NEW PLANTING PITS FOR RELOCATED TREES AND PALMS MUST BE PREPARED PRIOR TO LIFTING THE PALM OR TREE FROM ITS CURRENT LOCATION AND MUST BE AT LEAST 3-4 FEET WIDER THAN THE ROOTBALL AND THE SAME DEPTH AS THE ROOTBALL, SUCH THAT THE FINAL ELEVATION OF THE TOP OF THE ROOTBALL IS AT OR SLIGHTLY ABOVE (NO MORE THAN 2" HIGHER) FINAL GRADE.
- 5.1.6. TREES AND PALMS TO BE RELOCATED MUST BE LIFTED BY THE ROOTBALL ONLY, USING APPROPRIATELY SIZED (LENGTH AND STRENGTH) LIFTING STRAPS OR CHAINS. DURING LIFTING, THE TREE OR PALM MUST BE BALANCED IN A MORE-OR-LESS UPRIGHT POSITION, WITH THE STRAP ON THE TRUNK USED ONLY FOR BALANCING AND MANEUVERING THE TREE OR PALM INTO POSITION. NO CHAINS MAY BE USED AROUND OR AGAINST THE TRUNK AT ANY TIME AT NO TIME SHALL 100% OF THE NEIGHT OF THE TREE OR PALM BE ON THE STRAP ATTACHED TO THE TRUNK. TRUNKS MUST BE HEAVILY PADDED WITH 30-60 LAYERS (DEPENDING ON SIZE AND WEIGHT) OF BURLAP BENEATH THE
- 5.1.7. TREES AND PALMS MUST BE LIFTED WITH A CRANE OR BACKHOE APPROPRIATELY SIZED FOR THE SIZE AND WEIGHT OF THE TREE OR PALM AND LIFTED OR CARRIED DIRECTLY TO THE FINAL INSTALL LOCATION OR TRANSPORT TRAILER
- 5.1.8. ONCE LIFTING BEGINS, ANY UNCUT ROOTS UNDER OR AROUND THE ROOTBALL THAT MAY YET REMAIN MUST BE IMMEDIATELY SEVERED WITH HAND PRUNING TOOLS TO MINIMIZE TEARING AND ROOT
- 5.1.9. AGRIFORM PLANTING TABLETS (OR APPROVED EQUIVALENT) MUST BE EVENLY DISTRIBUTED AROUND THE PERIMETER OF THE PLANTING PIT AT THE RATE OF 2 TABLETS PER 1" TRUNK CALIPER PRIOR TO
- 5.1.10. MYCORRHIZA (ROOTS® TRANSPLANT OR EQUIVALENT) MUST BE INCORPORATED INTO THE BACKFILL
- 5.1.11. RELOCATED TREES AND PALMS MUST BE CENTERED IN THE PLANTING PIT, AND THE PIT BACKFILLED USING A 1:1 MIXTURE OF EXISTING SOIL AND 80:20 (DOT SAND:MUCK) SOIL MIX THOROUGHLY BLENDED TOGETHER. DO NOT USE MUDDY SOIL AS BACKFILL. (SEE 5.2.2 BELOW FOR SPECIAL CONDITIONS REGARDING DATE PALM BACKFILL SPECIFICATIONS.)
- 5.1.12. SMALL TREES AND PALMS MUST BE FIRMLY BRACED USING A MINIMUM OF FOUR 4" X 4" WOODEN BRACES ATTACHED TO 2" X 4" WOODEN BATTENS HELD IN PLACE WITH TWO STEEL BANDS, LARGER TREES MAY REQUIRE 6" X 6" WOODEN POSTS OR EVEN TELEPHONE POLES TO PROVIDE SUFFICIENT BRACING STRENGTH TO PREVENT TOPPLING DURING WIND EVENTS. A SUFFICIENT NUMBER OF BATTENS MUST BE STRATEGICALLY PLACED AROUND THE TRUNK SUCH THAT THE STEEL BANDS NEVER CONTACT THE TRUNK. NO BURLAP IS TO REMAIN UNDER THE WOODEN BATTENS ON TREES DURING BRACING, BUT SEVERAL LAYERS OF BURLAP SHOULD BE LEFT UNDER THE WOODEN BATTENS WHEN BRACING PALMS. NAILS SHALL NEVER BE DRIVEN DIRECTLY INTO THE TRUNK DURING BRACING. BRACING MUST REMAIN IN PLACE FOR A MINIMUM OF ONE YEAR.
- 5.1.13. A TREE RING WITH A MINIMUM HEIGHT OF 6" MUST BE CONSTRUCTED 6-12" OUTSIDE THE OUTERMOST EDGE OF THE ROOTBALL AND AROUND THE ENTIRE PERIMETER OF THE ROOTBALL TO DIRECT IRRIGATION WATER AND ANY SUPPLEMENTS THAT ARE ADDED DOWN INTO THE ROOTBALL DURING
- 5.1.14. ONCE THE TREE RING IS CONSTRUCTED, A HIGH-PHOSPHORUS ROOT STIMULANT MUST BE LIBERALLY APPLIED TO THE SURFACE OF THE ROOTBALL AND THOROUGHLY WATERED IN.
- 5.1.15. ROOTBALLS MUST BE THOROUGHLY WATERED IN USING A HOSE AND A JOHNSON BAR INSERTED TO THE VERY BOTTOM OF THE ROOTBALL AND SWUNG BACK AND FORTH TO PREVENT FORMATION OF AIR POCKETS. THE JOHNSON BAR TECHNIQUE MUST BE REPEATED AT LEAST ONCE MORE WITHIN ONE WEEK AFTER RELOCATION, AND AGAIN IF ANY SIGNS OF STRESS BECOME APPARENT.
- 5.1.16. ORGANIC MULCH (MELALEUCA IS PREFERRED) MUST BE APPLIED WITHIN 48 HOURS OF RELOCATION AT A DEPTH OF 3-4" OVER THE ENTIRE TOP OF THE ROOTBALL FROM THE TREE RING TO WITHIN 6" OF THE TRUNK. MULCH MUST NOT BE APPLIED OR ALLOWED TO ACCUMULATE DIRECTLY AGAINST THE
- 5.1.17. PITS FROM WHICH THE RELOCATED TREES AND PALMS WERE REMOVED MUST BE CLEANED OF ALL RESIDUAL ROOTS, STUMPS, AND PORTIONS THEREOF AND BACKFILLED WITH CLEAN FILL FLUSH WITH
- 5.1.18. RESTORE THE SURFACE WITH MATERIAL TO MATCH ADJACENT AREAS. MATERIAL TO BE APPROVED BY LANDSCAPE ARCHITECT. CONTRACTOR TO PROVIDE A MINIMUM OF ONE YEAR WARRANTY ON SETTLING AND PLANT MATERIAL FROM TIME OF SUBSTANTIAL COMPLETION.
- SPECIAL CONDITIONS
- 5.2.1. MULTI-TRUNK TREES AND PALMS MUST BE RELOCATED AS ONE UNIT WITH A SINGLE ROOTBALL
- 5.2.2. PLANTING PITS FOR EDIBLE DATE PALMS (PHOENIX DACTYLIFERA) MUST BE BACKFILLED WITH PURE DOT SILICA SAND.



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06/20/2023

NOTES











EXISTING TREE # 11 - LIVE OAK

EXISTING TREE # 12 - ROYAL PALM

EXISTING TREE # 13 - BISMARK PALM

EXISTING TREE # 14 - BISMARK PALM













EXISTING TREE # 16 - ROYAL PALM

EXISTING TREE # 17 - ROYAL PALM

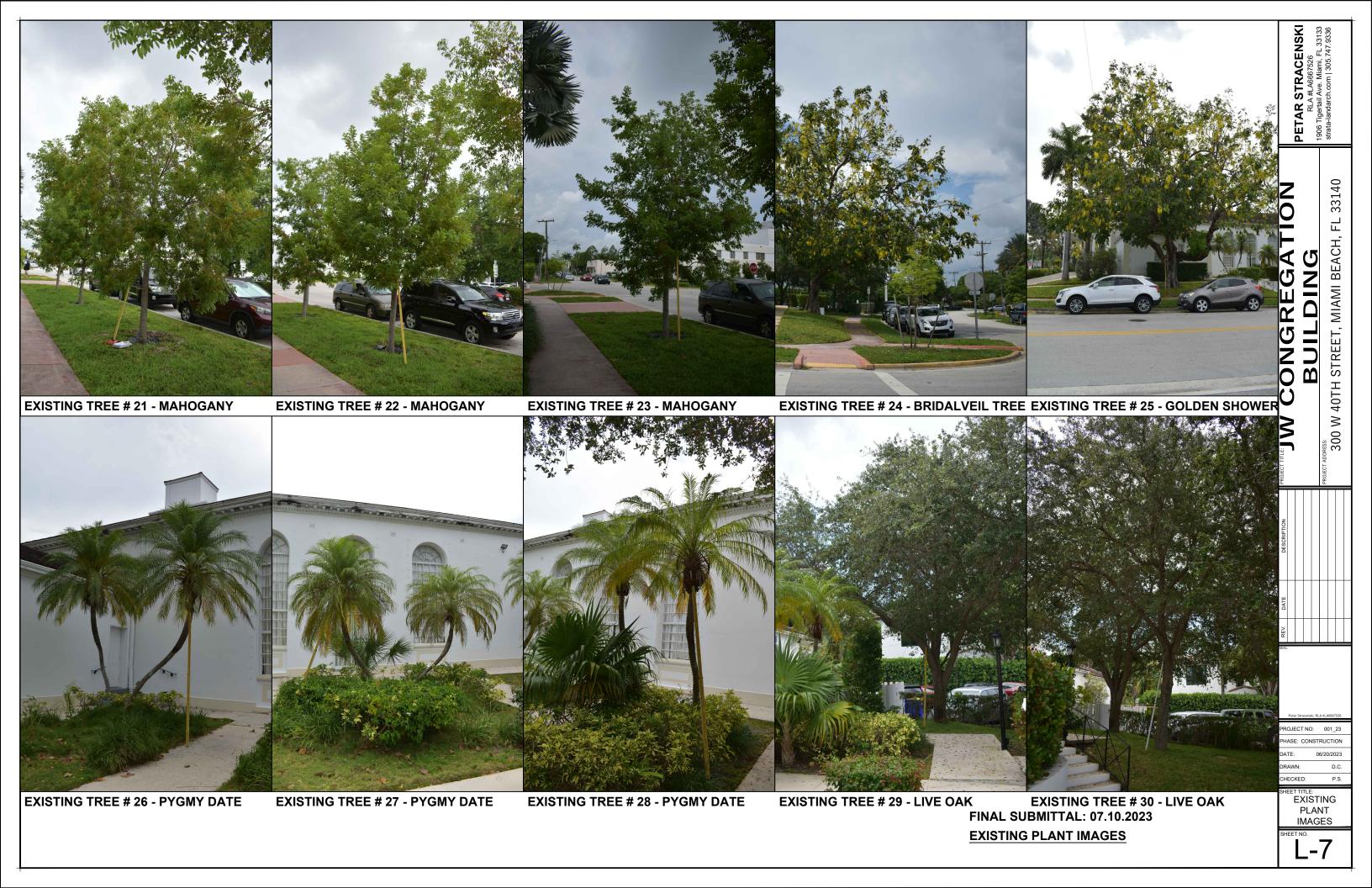
EXISTING TREE # 18 - PYGMY DATE

EXISTING TREE # 19 - PYGMY DATE

EXISTING TREE # 20 - MAHOGANY FINAL SUBMITTAL: 07.10.2023 **EXISTING PLANT IMAGES**

EXISTING
PLANT
IMAGES

300 W 40TH STREET, MIAMI BEACH, FL 33140





EXISTING TREE # 31 - LIVE OAK

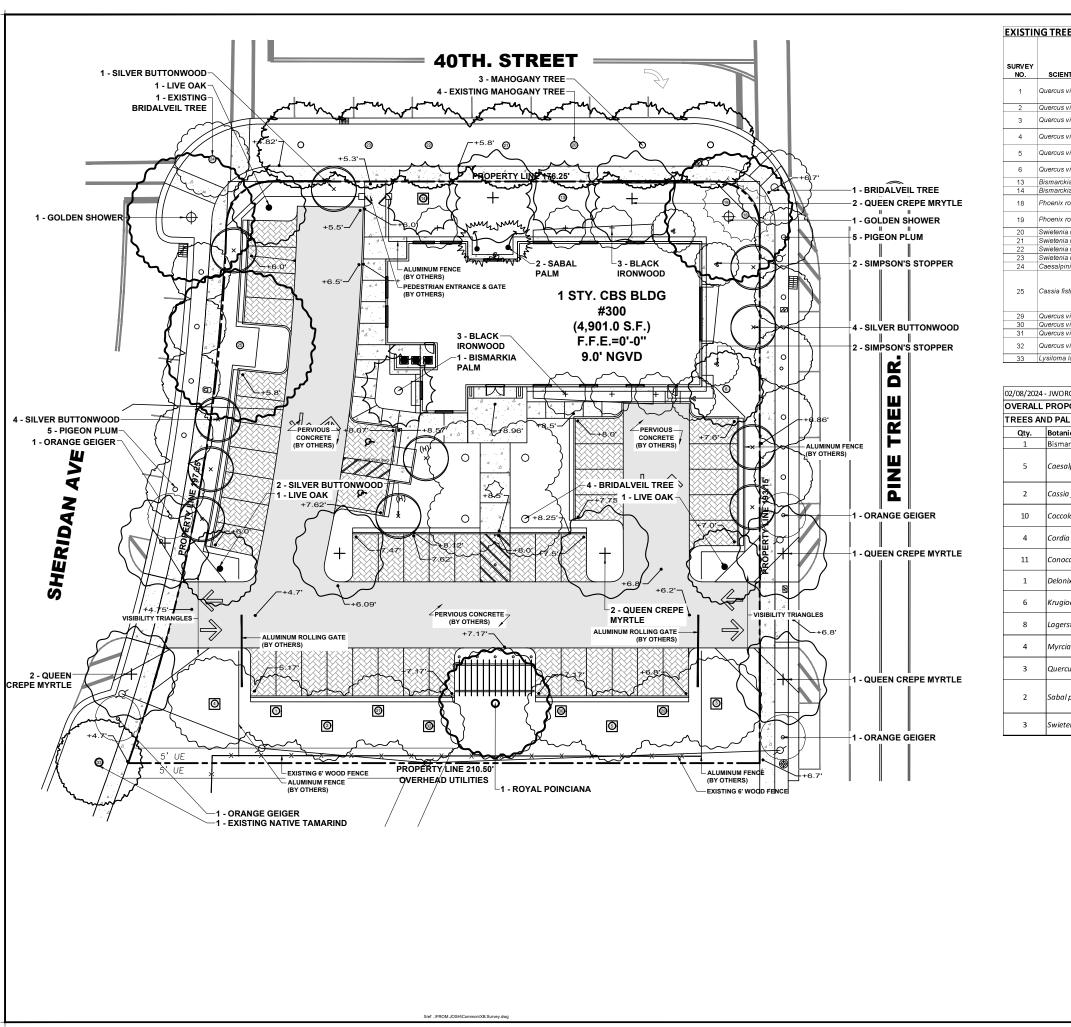
EXISTING TREE # 34 - UMBRELLA TREE

FINAL SUBMITTAL: 07.10.2023 **EXISTING PLANT IMAGES**

BUILDING

300 W 40TH STREET, MIAMI BEACH, FL 33140

EET TITLE: EXISTING PLANT IMAGES



EXISTING TREE INVENTORY SPECIMEN DBH (IN) HT (FT.) SP. (FT.) LARGE BRANCH Quercus virginiana 12.74 30 15 FAIR RELOCATE RELOCATE FAIR Live Oak 14.01 30 FAIR YES RELOCATE STRUCTURE NICE Quercus virginiana 14.97 30 FAIR YES RELOCATE NICE 8.60 25 RELOCATE Quercus virginiana Live Oak 25 FAIR NO 22 REMAIN CANOPY Bismarckia nobilis REMAIN Bismarckia nobilis Phoenix roebelenii Pygmy Date Palm 14 18 FAIR NO REMAIN Phoenix roebelenii 12 POOR NO REMAIN Pygmy Date Palm GOOD GOOD REMAIN Mahogany Tree wietenia mahagnoni REMAIN Swietenia mahagnoni Mahogany Tree GOOD REMAIN Caesalpinia granadillo Bridalveil Tree CANOPY DIEBACK. 35 50 Cassia fistula Golden Shower 32.48 FAIR YES REMAIN MULTIPLE DEAD BRANCHES RELOCATE RELOCATE FAIR NICE Quercus virginiana 12.74 30 25 YES RELOCATE STRUCTURE 33 Lysiloma latisiliquum Native Tamarind 4.00 16

2/08/202	4 - JWORG	<u> </u>		
OVERAL	L PROPOSED CANOPY PLANT LIST			
REES A	AND PALMS			<
Qty.	Botanical Name	Common Name	Specifications	
1	Bismarckia nobilis 'Silver Select'	Bismark Palm	12' GW, Minimum	
			1 @ 12' HT. X 6' SP., 6' CT., 2" DBH & 4 @	
5	Caesalpinia granadillo	Bridalveil Tree	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape	
			Architect to Approve	
2	Cassia fistula	Golden Shower	16'HT. x 8' SP., 4" DBH, Landscape	
	eussia yistara	doi de l'alla l'	Architect to Approve	15
10	Coccoloba diversifolia	Pigeon Plum	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape	
	,		Architect to Approve	ij
4	Cordia sebestena	Orange Geiger	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape	Ē
			Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape	PROJECT TITLE:
11	Conocarpus erectus 'Sericeus'	Silver Buttonwood	Architect to Approve	PRO
			16'HT. x 8' SP., 6' CT., 4" DBH, Landscape	F
1	Delonix regia	Royal Poinciana	Architect to Approve	
			10' HT. X 6' SP., 4' CT., 2" DBH, Landscape	
6	Krugiodendron ferreum	Black Ironwood	Architect to Approve	z
0		Our an Court Months	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape	일
8	Lagerstroemia speciosa	Queen Crepe Myrtle	Architect to Approve	DESCRIPTION
4	Myrcianthes fragrans	Simpson's Stopper	10' HT. X 6' SP., 4' CT., 2" DBH, Landscape	SES
-	iviyi ciantnes ji agrans	Зіпрзоп'я эсорреі	Architect to Approve	
3	Quercus virginiana	Live Oak	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape	
,	Quereus vii giinanu	Live Oak	Architect to Approve	
			10'-22' CT., Staggered Heights, Crooked	
2	Sabal palmetto	Character Sabal Palm	Trunk, Curved Trunk, Landscape	щ
			Architect to Approve	DATE
3	Swietenia mahaqoni	Mahogany Tree	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape	
	ı ,		Architect to Approve	

EGEND

REMAIN
RELOCATION
LOCATION

FINAL SUBMITTAL: 07.10.2023 CANOPY PLANTING PLAN

SCALE: 1/32" = 1'-0"

5' 10' 25'

N 25' Peter Stracenski, RLA #LA6667526

PROJECT NO: 001_23

PHASE: CONSTRUCTION
DATE: 06/20/2023

DRAWN: D.C.
CHECKED: P.S.

SHEET TITLE:

CANOPY

PLANTING PLAN

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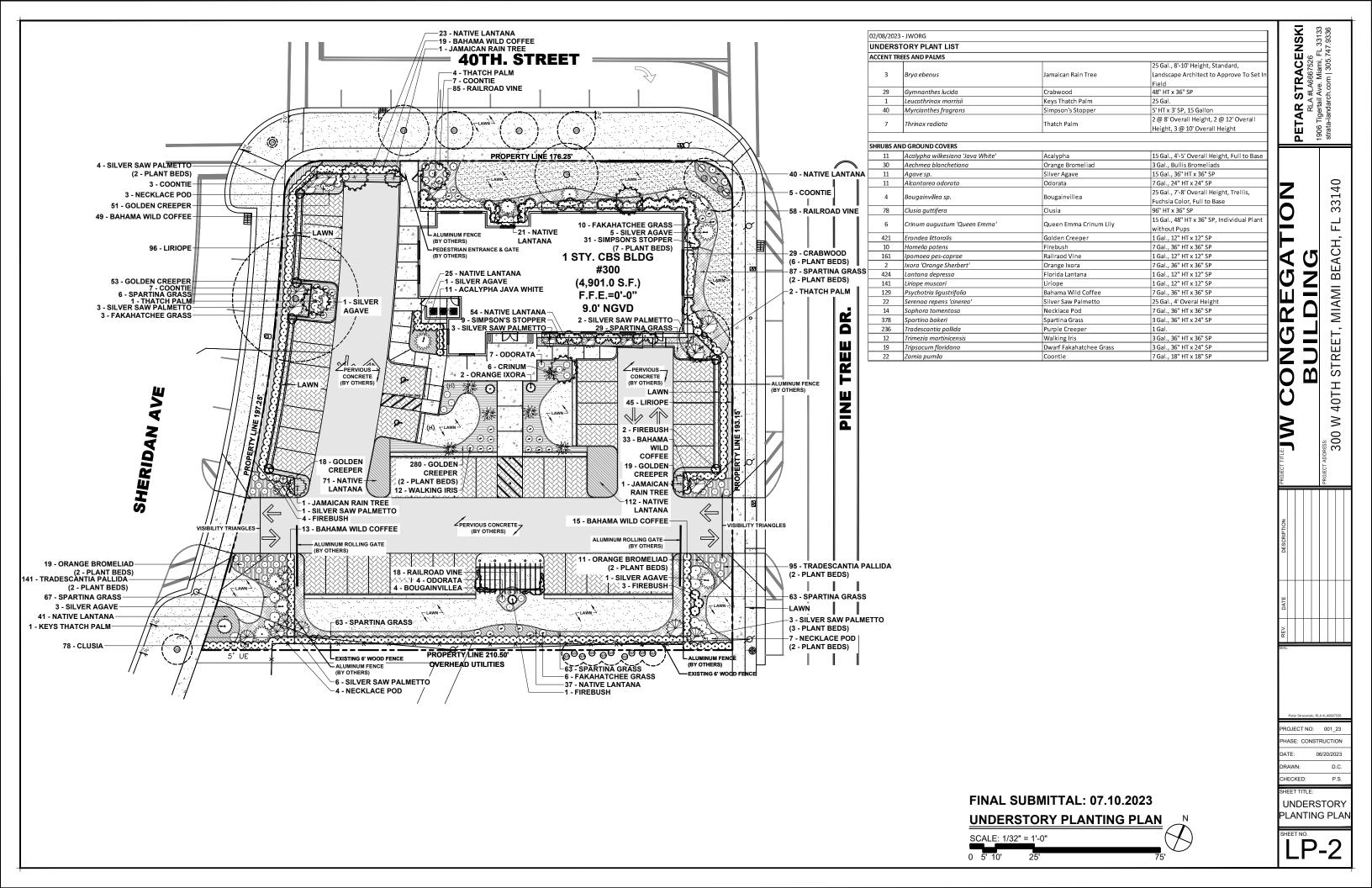
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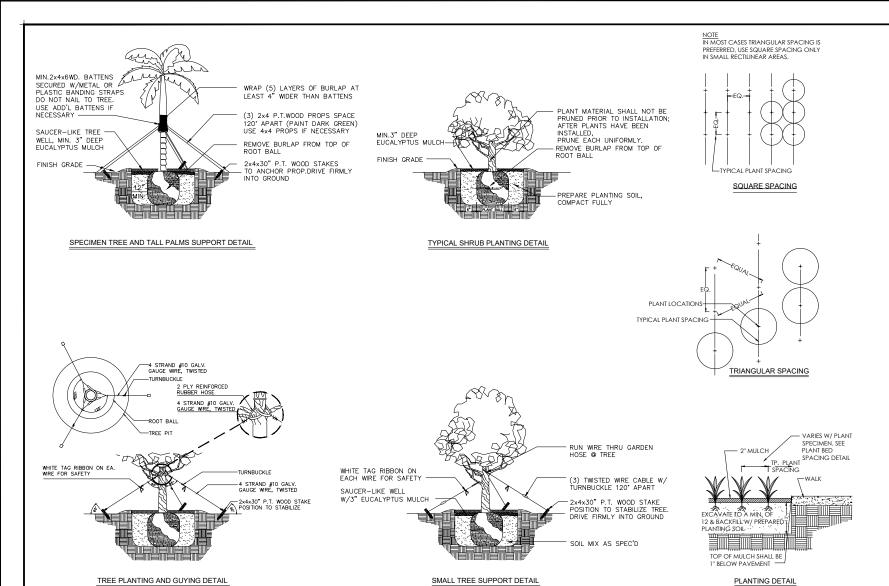
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FL 33133 747.9336





GENERAL LANDSCAPE NOTES:

- 1. ALL PLANT MATERIAL IS TO BE FLORIDA NO. 1 OR BETTER. FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS, PARTS I & II 1973, 1975 RESPECTIVELY.
- 2. ALL PLANTING BEDS TO BE TOPPED WITH 2"MIN. "GRADE A" CYPRESS OR EUCALYPTUS MULCH, UNLESS OTHERWISE NOTED.
- 3. ALL TREES TO BE STAKED IN A GOOD WORKMANLIKE MANNER. NO NAIL STAKING PERMITTED. (REFER TO PLANTING DETAILS.)
- 4. LANDSCAPE PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL CODES.
- 5. ALL TREE HOLDS TO BE BACK FILLED AROUND AND UNDER ROOT BALL WITH PLANTING SOIL. ALL SHRUB BEDS TO BE INSTALLED WITH PLANTING SOIL. (SEE SPECS)
- 6. SOD SHALL BE "FLORATAM" ST. AUGUSTINE (UNLESS OTHERWISE NOTED) SOLID SOD LAID WITH ALTERNATIVE AND ABUTTING JOINTS, WITH 2" TOP SOIL MINIMUM IF REQUIRED. (SEE SPECS)
- 7. ALL TREES, SHRUBS AND GROUND COVERS SHALL BE GUARANTEED FOR TWELVE MONTHS FROM DATE OF FINAL ACCEPTANCE. ALL PALMS ARE TO BE GUARANTEED FOR ONE YEAR.
- 8. ALL PLANTING BEDS SHALL BE WEED AND GRASS FREE.
- 9. ALL TREES, PALMS, SHRUBS AND GROUNDCOVER PLANTS SHALL BE FERTILIZED AT INSTALLATION WITH LONG LASTING FERTILIZER, ACCORDING TO MANUFACTURES RECOMMENDATIONS. (SUBMIT SAMPLE FOR APPROVAL.) (SEE SPEC)
- 10. PLANTING PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST IN CASE OF DISCREPANCIES. (NOTIFY LANDSCAPE ARCHITECT FOR DIRECTION.)
- 11. LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- 12. NO CHANGE SHALL BE MADE WITHOUT THE PRIOR CONSENT OF THE LANDSCAPE ARCHITECT.
- 13.ALL MATERIAL IS SUBJECT TO AVAILABILITY AT TIME OF INSTALLATION.
 SUBSTITUTIONS MAY BE MADE AFTER CONSULTATION WITH LANDSCAPE
 ARCHITECT.
- 14. ALL NEWLY PLANTED AREAS TO RECEIVE 100% COVERAGE BY AUTOMATIC IRRIGATION SYSTEM. (REFER TO IRRIGATION PLAN.)
- 15. ALL PLANTING BEDS TO RECEIVE NEW PLANTING SOIL (1/3 EVERGLADES PEAT, 1/3 SAND, 1/3 CYPRESS SAWDUST & CHOPS) MINIMUM 6" DEEP. (REFER TO PLANTING DETAILS.)
- 16. CONTRACTOR WILL VISIT SITE TO FAMILIARIZED HIMSELF WITH THE SCOPE OF WORK PRIOR TO SUBMITTING A BID.
- 17. LANDSCAPE CONTRACTOR TO COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR, THE IRRIGATION CONTRACTOR, AND THE ELECTRICAL CONTRACTOR.

- 18.ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROTECTED. (REFER TO DEMOLITION PLAN.)
- 19. ALL TREES TO BE RELOCATED WILL GET ROOT PRUNED 30 DAYS MIN. (OR MORE IF REQUIRED BY THE SPECIES). UPON RELOCATION, THIN OUT (UNDER LANDSCAPE ARCHITECT'S DIRECTION) 30% OF THE TREE CANOPY TO BE RELOCATED.
- 20.AFTER REMOVAL OR RELOCATION OF EXISTING TREES AND PALMS, BACKFILL TREE PIT WITH PLANTING SOIL AND SOD DISTURBED AREA, AS REQUIRED.
- 21.ALL TREES ON SOD AREAS SHALL RECEIVE A MULCH RING 2' IN DIAMETER TYPICAL. 22.ALL TREES SHALL HAVE A 2" CALIPER AT D.B.H. MINIMUM FOR A 10' HEIGHT TREE.
- 22.ALL TREES SHALL HAVE A 2" CALIPER AT D.B.H. MINIMUM FOR A 10" HEIGHT TREE 23.ALL 1 GALLON MATERIAL TO HAVE A 12" SPREAD MINIMUM, ALL 3 GALLON MATERIAL TO HAVE A 20-24" SPREAD MINIMUM.

TREE BRACING NOTES:

- 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 PLANTING THE TREE.
- 2. CUT LENGTHS OF STAKING HOSE TO EXTEND 2 INCHES PAST TREE TRUNK WHEN WRAPPING AROUND.
- 3. SPACE STAKES EVENLY ON OUTSIDE OF WATER RING AND DRIVE EACH FIRMLY INTO THE GROUND. STAKES SHOULD BE DRIVING 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 TREE TRUCK 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 EXCESS.
- 8. THE ABOVE PROCEDURES ARE TO BE FOLLOWED FOR EACH STAKE, KEEPING THE TREE STRAIGHT AT ALL TIMES. THERE SHOULD BE A 1 TO 3 INCH SWAY IN THE TREE (THE WIRES SHOULD NOT BE PULLED TIGHT) FOR BEST ESTABLISHMENT.
- 9. FLAG THE GUY WIRES WITH SURVEYOR'S FLAGGING OR APPROVED EQUAL FOR SAFETY
- 10. GUYS ARE NOT TO BE REMOVED UNTIL APPROVED BY LANDSCAPE CONTRACTOR.

1 Bis 5 Ca 2 Ca 10 Co 4 Co 11 Co 11 De 6 Krt 8 Lag 4 My 3 Qu 2 Sal 3 Sw CCENT TRE Qty Bo 3 Bry 1 Let 40 My 7 Thi HRUBS AND G 11 Ac 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	prisanical Name smarckia nobilis 'Silver Select' presalpinia granadillo presalpinia granadillo presalpinia granadillo presalpinia granadillo presalpinia granadillo presalpinia granadillo presalpinia sebestena procarpus erectus 'Sericeus' prelonix regia presidenta regia presidenta speciosa presidenta speciosa presidenta speciosa presidenta palmetto presidenta mahagoni presidenta speciosa presidenta mahagoni presidenta mahagoni presidenta speciosa presidenta mahagoni presidenta mahag	Common Name Bismark Palm Bridalveil Tree Golden Shower Pigeon Plum Orange Geiger Silver Buttonwood Royal Poinciana Black Ironwood Queen Crepe Myrtle Simpson's Stopper Live Oak Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm Simpson's Stopper	Specifications 12' GW, Minimum 1 @ 12' HT. X 6' SP., 6' CT., 2" DBH, & 16'HT. X 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve 16'HT. X 8' SP., 4" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 2" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve
5	pesalpinia granadillo pesalpinia granadillo pesalpinia fistula pesalpinia sebestena procarpus erectus 'Sericeus' pelonix regia peralpinia speciosa peralpinia speciosa percus virginiana pelal palmetto petenia mahagoni pesa AND PALMS petanical Name peralpinia speciosa percus virginiana pelal palmetto petenia mahagoni pesa AND PALMS petanical Name peralpinia speciosa percus virginiana pelal palmetto petenia mahagoni petenia mahago	Bridalveil Tree Golden Shower Pigeon Plum Orange Geiger Silver Buttonwood Royal Poinciana Black Ironwood Queen Crepe Myrtle Simpson's Stopper Live Oak Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	1 @ 12' HT. X 6' SP., 6' CT., 2" DBH, & 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 4' DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 2" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 6' SP., 4' CT., 2" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16'HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve
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10	procoloba diversifolia prolia sebestena procorpus erectus 'Sericeus' procorpus erectus erectus 'Sericeus' procorpus erectus	Pigeon Plum Orange Geiger Silver Buttonwood Royal Poinciana Black Ironwood Queen Crepe Myrtle Simpson's Stopper Live Oak Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	16'HT. x 8' SP., 4" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landscape Architect to Approve 16'HT. x 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 10' HT. X 6' SP., 4' CT., 2" DBH, Landscape Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve 10'-22' CT., Staggered Heights, Crook Trunk, Curved Trunk, Landscape Architect to Approve 16' HT. x 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To Spield 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
10	procoloba diversifolia prolia sebestena procorpus erectus 'Sericeus' procorpus erectus erectus 'Sericeus' procorpus erectus	Pigeon Plum Orange Geiger Silver Buttonwood Royal Poinciana Black Ironwood Queen Crepe Myrtle Simpson's Stopper Live Oak Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 12' HT. X 6' SP., 6' CT., 2" DBH, Landson Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 6' SP., 4' CT., 2" DBH, Landson Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 6' SP., 4' CT., 2" DBH, Landson Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 10' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve 16' HT. X 8' SP., 6' CT., 4" DBH, Landson Architect to Approve
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8	gerstroemia speciosa yrcianthes fragrans uercus virginiana ubal palmetto vietenia mahagoni EES AND PALMS otanical Name ya ebenus virmanthes lucida ucothrinax morrisii yrcianthes fragrans	Queen Crepe Myrtle Simpson's Stopper Live Oak Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	Architect to Approve 16'HT. x 8'SP., 6'CT., 4" DBH, Landson Architect to Approve 10' HT. X 6'SP., 4'CT., 2" DBH, Landson Architect to Approve 16'HT. x 8'SP., 6'CT., 4" DBH, Landson Architect to Approve 10'-22'CT., Staggered Heights, Crook Trunk, Curved Trunk, Landscape Architect to Approve 16'HT. x 8'SP., 6'CT., 4" DBH, Landson Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To Spield 48" HT x 36" SP 25 Gal. 5' HT x 3'SP, 15 Gallon
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2 Sall 3 Sw CCENT TRE Qty. Bo 3 Bry 29 Gy. 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vietenia mahagoni EES AND PALMS otanical Name vya ebenus vymnanthes lucida ucothrinax morrisii yycianthes fragrans	Character Sabal Palm Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	16'HT. x 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve 10'-22' CT., Staggered Heights, Crook Trunk, Curved Trunk, Landscape Architect to Approve 16'HT. x 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To Sield 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
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2 Sall 3 Sw CCENT TRE Qty. Bo 3 Bry 29 Gy. 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vietenia mahagoni EES AND PALMS otanical Name vya ebenus vymnanthes lucida ucothrinax morrisii yycianthes fragrans	Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	10'-22' CT., Staggered Heights, Crook Trunk, Curved Trunk, Landscape Architect to Approve 16'HT. x 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
3 Sw CCENT TRE Qty. Bo 3 Bry 29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Acc 30 Aec 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vietenia mahagoni EES AND PALMS otanical Name vya ebenus vymnanthes lucida ucothrinax morrisii yyrcianthes fragrans	Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	Trunk, Curved Trunk, Landscape Architect to Approve 16'HT. x 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
3 Sw CCENT TRE Qty. Bo 3 Bry 29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Acc 30 Aec 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vietenia mahagoni EES AND PALMS otanical Name vya ebenus vymnanthes lucida ucothrinax morrisii yyrcianthes fragrans	Mahogany Tree Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	Architect to Approve 16'HT. x 8' SP., 6' CT., 4" DBH, Landsca Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
CCENT TRE Qty. Bo 3 Bry 29 Gy. 1 Let 40 My. 7 Thr HRUBS AND G 11 Act 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	etanical Name ya ebenus ymnanthes lucida ucothrinax morrisii yycianthes fragrans	Common Name Jamaican Rain Tree Crabwood Keys Thatch Palm	16'HT. x 8' SP., 6' CT., 4" DBH, Landson Architect to Approve Specifications 25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To Sield 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
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Qty. Bo 3 Bry 29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 30 Ae 11 Ag 11 Ag 4 Bo 78 Clu 6 Cri 421 Err	otanical Name ya ebenus ymnanthes lucida ucothrinax morrisii yrcianthes fragrans	Jamaican Rain Tree Crabwood Keys Thatch Palm	25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
3 Bry 29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	ya ebenus vmnanthes lucida ucothrinax morrisii yrcianthes fragrans	Jamaican Rain Tree Crabwood Keys Thatch Palm	25 Gal., 8'-10' Height, Standard, Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Aet 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vmnanthes lucida ucothrinax morrisii yrcianthes fragrans	Crabwood Keys Thatch Palm	Landscape Architect to Approve To S Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Aet 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vmnanthes lucida ucothrinax morrisii yrcianthes fragrans	Crabwood Keys Thatch Palm	Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
29 Gy 1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Aet 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	vmnanthes lucida ucothrinax morrisii yrcianthes fragrans	Crabwood Keys Thatch Palm	Field 48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Aet 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	ucothrinax morrisii yrcianthes fragrans	Keys Thatch Palm	48" HT x 36" SP 25 Gal. 5' HT x 3' SP, 15 Gallon
1 Let 40 My 7 Thi HRUBS AND G 11 Act 30 Aet 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	ucothrinax morrisii yrcianthes fragrans	Keys Thatch Palm	25 Gal. 5' HT x 3' SP, 15 Gallon
40 My 7 Thi HRUBS AND G 11 Aci 30 Aei 11 Alci 4 Bo 78 Clu 6 Cri 421 Err.	yrcianthes fragrans		5' HT x 3' SP, 15 Gallon
7 Thi HRUBS AND G 11 Acc 30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err.		- Stopper	
HRUBS AND G	rinax radiata	1	
11		Thatch Palm	Height, 3 @ 10' Overall Height
11	ROUND COVERS		processing and account neight
30 Ae 11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Erm	alypha wilkesiana 'Java White'	Acalypha	15 Gal., 4'-5' Overall Height, Full to B
11 Ag 11 Alc 4 Bo 78 Clu 6 Cri 421 Err	echmea blanchetiana	Orange Bromeliad	3 Gal., Bullis Bromeliads
11 Alc 4 Bo 78 Clu 6 Cri 421 Err		Silver Agave	15 Gal., 36" HT x 36" SP
4 Bo 78 Clu 6 Cri 421 Err	gavesp.		
78 Clu 6 Cri 421 Err	cantarea odorata	Odorata	7 Gal., 24" HT x 24" SP
78 Clu 6 Cri 421 Err	ougainvillea sp.	Bougainvillea	25 Gal., 7'-8' Overall Height, Trellis,
6 <i>Cri</i> .			Fuchsia Color, Full to Base
421 <i>Err</i>	usia guttifera	Clusia	96" HT x 36" SP
421 <i>Err</i>	inum augustum 'Queen Emma'	Queen Emma Crinum Lily	15 Gal., 48" HT x 36" SP, Individual Pl
		Queen Ellina ellilati Elly	without Pups
4.0	nodea littoralis	Golden Creeper	1 Gal., 12" HT x 12" SP
10 Ha	amelia patens	Firebush	7 Gal., 36" HT x 36" SP
161 lpc	omoea pes-caprae	Railroad Vine	1 Gal., 12" HT x 12" SP
2 Ixo	ora 'Orange Sherbert'	Orange Ixora	7 Gal., 36" HT x 36" SP
	ntana depressa	Florida Lantana	1 Gal., 12" HT x 12" SP
	iope muscari	Liriope	1 Gal., 12" HT x 12" SP
	ychotria ligustrifolia	Bahama Wild Coffee	7 Gal., 36" HT x 36" SP
— <u> </u>	renoa repens 'cinerea'	Silver Saw Palmetto	25 Gal., 4' Overal Height
	phora tomentosa	Necklace Pod	7 Gal., 36" HT x 36" SP
	partina bakeri	Spartina Grass	3 Gal., 36" HT x 24" SP
	adescantia pallida	Purple Creeper	1 Gal.
	•	·	
	imezia martinicensis	Walking Iris	3 Gal., 36" HT x 36" SP
	ipsacum floridana	Dwarf Fakahatchee Grass	3 Gal., 36" HT x 24" SP
	mia pumila	Coontie	7 Gal., 18" HT x 18" SP
IISC.		Tou 5	
	nebark Mulch	3" Depth in Plant Beds	
OTES	. Augustine Sod		
LANDSCAPE (

02/08/2024 - JWORG

FINAL SUBMITTAL: 07.10.2023 PLANTING NOTES & DETAILS

/ CONGREGATION BUILDING

OJECT NO:

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02/08/202	4 - JWORG		
MITIGAT	ION CANOPY PLANT LIST		
TREES A	AND PALMS		
Qty.	Botanical Name	Common Name	Specifications
4	Canadainia aranadilla	Bridalveil Tree	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
4	Caesalpinia granadillo		Architect to Approve
1	1 Delevis mente	David Daineigna	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
1	Delonix regia	Royal Poinciana	Architect to Approve
2	La a quatura analis an ani an	Outpan Crana Muntis	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
2	2 Lagerstroemia speciosa Queen Crepe My	Queen Crepe Myrtle	Architect to Approve
2		Live Oak	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
3	Quercus virginiana	Live Oak	Architect to Approve

3	Quercus virginiana	Live Oak	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape Architect to Approve
	l	l	/ Helitect to Approve
02/08/202	4 - JWORG		
CMB LA	NDSCAPE LEGEND PLANT LIST		
TREES A	ND PALMS		
Qty.	Botanical Name	Common Name	Specifications
	Constant and the second state of the second st	Deidelberit Teer	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape
1	Caesalpinia granadillo	Bridalveil Tree	Architect to Approve - STREET TREE
			16'HT. x 8' SP., 4" DBH, Landscape
2	Cassia fistula	Golden Shower	Architect to Approve - 1 LOT TREE & 1
			STREET TREE
10	Coccoloba diversifolia	Pigeon Plum	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape
			Architect to Approve - STREET TREES
4	Cordia sebestena	Orange Geiger	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape
			Architect to Approve - STREET TREES
11	Conocarpus erectus 'Sericeus'	Silver Buttonwood	12' HT. X 6' SP., 6' CT., 2" DBH, Landscape
		S. T. S. Satteriwood	Architect to Approve - 11 LOT TREES
6	Krugiodendron ferroum	Black Ironwood	10' HT. X 6' SP., 4' CT., 2" DBH, Landscape
U	Krugiodendron ferreum	DIACK HOHWOOD	Architect to Approve - LOT TREES
			16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
6	Lagerstroemia speciosa	Queen Crepe Myrtle	Architect to Approve - 2 LOT TREE & 4
			STREET TREE
4	Myrcianthes fragrans	Simpson's Stopper	10' HT. X 6' SP., 4' CT., 2" DBH, Landscap
	,,		Architect to Approve - LOT TREES
3	Swietenia mahagoni	Mahogany Tree	16'HT. x 8' SP., 6' CT., 4" DBH, Landscape
	TREES AND PALMS		Architect to Approve - STREET TREE
		Common Nove	Considerations
Qty.	Botanical Name	Common Name	Specifications 25 Gal., 8'-10' Height, Standard,
3	Brya ebenus	Jamaican Rain Tree	Landscape Architect to Approve To Set
,	Drya Cherras	Januarean Nami Hee	Field - LARGE SHRUB
29	Gymnanthes lucida	Crabwood	48" HT x 36" SP - LARGE SHRUB
1	Leucothrinax morrisii	Keys Thatch Palm	25 Gal LARGE SHRUB
40	Myrcianthes fragrans	Simpson's Stopper	5' HT x 3' SP, 15 Gallon - LARGE SHRUB
			2 @ 8' Overall Height, 2 @ 12' Overall
7	Thrinax radiata	Thatch Palm	Height, 3 @ 10' Overall Height - LARGE
			SHRUB
IRUBS A	ND GROUND COVERS		
11		Acalypha	15 Gal., 4'-5' Overall Height, Full to Bas
	Acalypha wilkesiana 'Java White'		SHRUB
30	Aechmea blanchetiana	Orange Bromeliad	3 Gal., Bullis Bromeliads - SHRUB
11	Agave sp.	Silver Agave	15 Gal., 36" HT x 36" SP - SHRUB
11	Alcantarea odorata	Odorata	7 Gal., 24" HT x 24" SP - SHRUB
4	Bougainvillea sp.	Bougainvillea	25 Gal., 7'-8' Overall Height, Trellis,
70	Chinia auttifora	Clusia	Fuchsia Color, Full to Base - SHRUB
78	Clusia guttifera	Clusia	96" HT x 36" SP - SHRUB
6	Crinum augustum 'Queen Emma'	Queen Emma Crinum Lily	15 Gal., 48" HT x 36" SP, Individual Plan without Pups - SHRUB
10	Hamelia patens	Firebush	7 Gal., 36" HT x 36" SP - SHRUB
2	Ixora 'Orange Sherbert'	Orange Ixora	7 Gal., 36" HT x 36" SP - SHRUB
129	Psychotria ligustrifolia	Bahama Wild Coffee	7 Gal., 36" HT x 36" SP - SHRUB
22	Serenoa repens 'cinerea'	Silver Saw Palmetto	25 Gal., 4' Overal Height - SHRUB
14	Sophora tomentosa	Necklace Pod	7 Gal., 36" HT x 36" SP - SHRUB
378	Spartina bakeri	Spartina Grass	3 Gal., 36" HT x 24" SP - SHRUB
12	Trimezia martinicensis	Walking Iris	3 Gal., 36" HT x 36" SP - SHRUB
19	Tripsacum floridana	Dwarf Fakahatchee Grass	3 Gal., 36" HT x 24" SP - SHRUB
22	Zamia pumila	Coontie	7 Gal., 18" HT x 18" SP - SHRUB

CITY OF MIAMI BEACH LANDSCAPE LEGEND INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS RS-2 Acres____.827 **Zoning District** Lot Area <u>36,065.4</u> REQUIRED/ ALLOWED OPEN SPACE **PROVIDED** A. Square feet of required Open Space as indicated on site plan: Lot Area = **36,065.4** s.f.x **50** % = **18,032.7** s.f. 18,033 13,838 B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces ____ 44 ___ x 10 s.f. parking space = 440 440 C. Total square feet of landscaped open space required: A+B= 14,278 18.473 **LAWN AREA CALCULATION** A. Square feet of landscaped open space required 18.483 14,278 B. Maximum lawn area (sod) permitted= 50 % x18,483 s.f. 9,242 5,564 **TREES** A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= 11 EXIST. 24 PROP. 41 trees x .827 net lot acres - number of existing trees= 34 B. % Natives required: Number of trees provided x 30% = 11 35 C. % Low maintenance / drought and salt tolerant required: 17 35 Number of trees provided x 50%= D. Street Trees (maximum average spacing of 20' o.c.) 6 - EXIST. 566.25 linear feet along street divided by 20'= 29 23 - PROP. E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): **NA** linear feet along street divided by 20'= NA NA **SHRUBS** A. Number of shrubs required: Sum of lot and street trees required x 12= 756 759 B. % Native shrubs required: Number of shrubs provided x 50%= 378 605 **LARGE SHRUBS OR SMALL TREES** A. Number of large shrubs or small trees required: Number of required shrubs 76 80 B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%= **77** 38

FINAL SUBMITTAL: 07.10.2023

PLANTING LEGEND

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OJECT NO: ASE: CONSTRUCTION

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