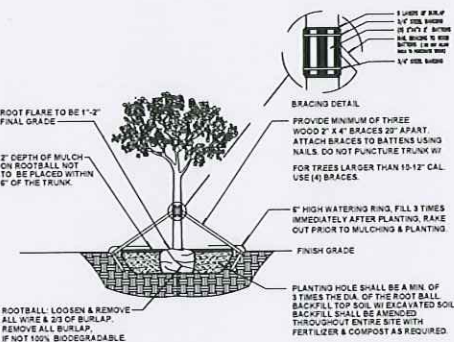
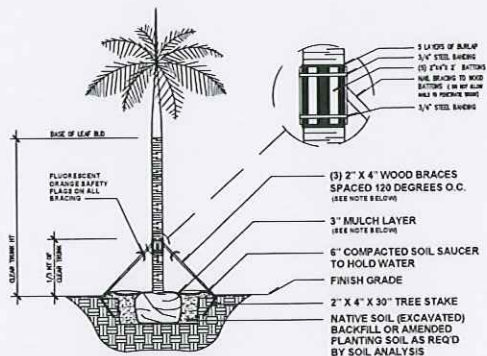


NOTE:
1. DO NOT APPLY MULCH WITHIN 6" OF THE TREE TRUNK

Tree Planting & Bracing Detail With
A Caliper up to 2.5" N.T.S.

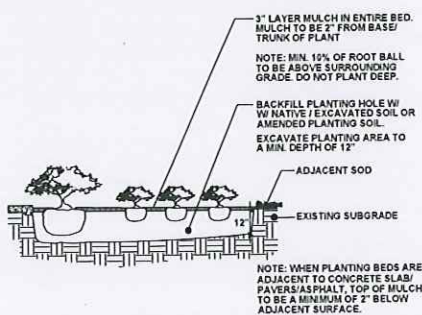


Tree Planting & Bracing Detail
Caliper of 2.5" or Greater N.T.S.

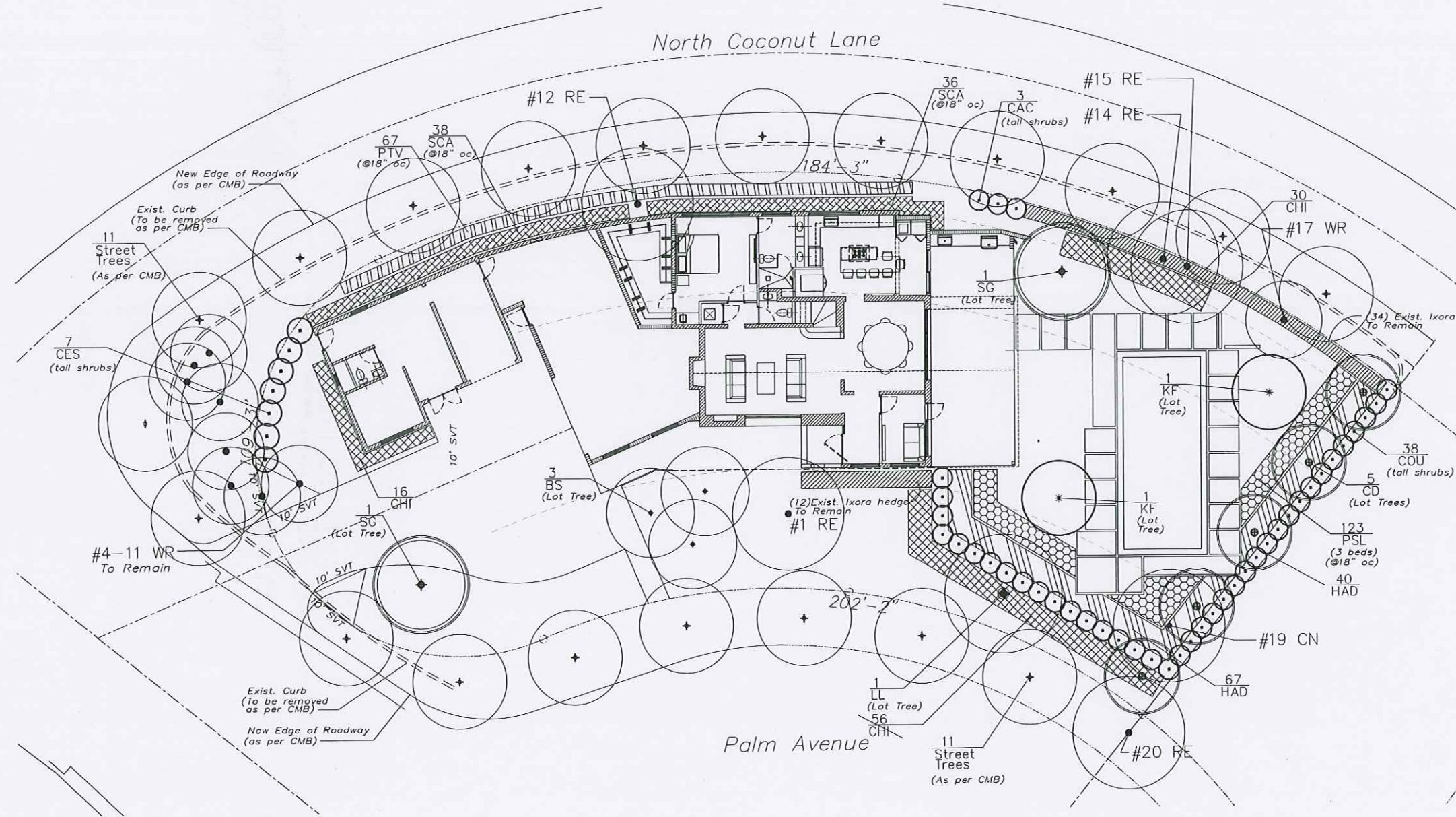


NOTES:
1. PALMS OVER 30' IN HT. USE MINIMUM (4) 4" X 4" BRACING AND STAKES.
2. PRIMARY STAKES SHOULD BE PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE.
3. RECEIVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL.
4. GROWING BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE.
5. TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES.
6. NO SCARRED OR BURNED TRUNKS.
7. AMENDED SOIL MIX. TO BE ADDED AT THE TIME OF PLANTING, IF NEEDED.
8. SHALL CONSIST OF A RATIO MIX SIX CLEAN SILICA SAND AND 20% SCREENED, FLUMORIZED TOPSOIL AS NEEDED.
9. ANCHORING STAKES SHALL BE DRIVEN A MIN. OF 3' BELOW GRADE.

Typical Palm Planting Detail N.T.S.



Shrub/Groundcover Detail N.T.S.



LANDSCAPE ARCHITECT'S PLANT / PLANTING NOTES

- ALL PLANT MATERIAL TO BE FLORIDA GRADE NO. 1 (FG #1) OR BETTER FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS, PARTS I AND II, 5th EDITION: 2015, RESPECTIVELY.
- TWO MEETINGS, PRE-INSTALLATION & SUBSTANTIAL COMPLETION, SHALL BE REQ'D DURING INSTALLATION/CONSTRUCTION PROCESS. PRE-INSTALLATION MEETING SHALL BE SCHEDULED W/ LANDSCAPE ARCHITECT, TWO WEEKS PRIOR TO INSTALLATION.
- A MUNICIPALLY APPROVED LANDSCAPE PLAN IS A LEGAL & BINDING DOCUMENT. NO CHANGES SHALL BE MADE WITHOUT PRIOR NOTIFICATION & SUBSEQUENT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT & GOVERNING MUNICIPALITY. (IF REQ'D)
- LANDSCAPE PLAN SHALL BE INSTALLED IN COMPLIANCE WITH ALL LOCAL/PERTINENT CODES.
- LANDSCAPE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND PREPARE ONE'S OWN QUANTITY COUNTS (PRIOR TO BID COST AND COMPARE TO ARCHITECT'S PLANT LIST). LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ATTAINING ACCURATE COUNT OF PLANT MATERIALS SPECIFIED. IN THE EVENT OF DISCREPANCIES, LANDSCAPE CONTRACTOR SHALL BRING TO THE ATTENTION OF LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF THE LANDSCAPE PLAN. LANDSCAPE PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST.
- LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING, SUNSHINE STATE ONE CALL OF FLORIDA, (800) 432-4770.
- ALL TREES TO BE STAKED IN A GOOD WORKMANLIKE MANNER, NO NAIL STAKING IN TRUNKS PERMITTED. ALL GUINING & STAKING TO BE REMOVED WITHIN 12 MONTHS AFTER PLANTING.
- ALL PLANTING BEDS TO BE WEED AND GRASS FREE, AND SHALL BE EXCAVATED TO A DEPTH OF 12" BELOW GRADE. TOP OF BEDS SHALL BE 3" BELOW ADJ. PAVED SURFACES. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED.
- ALL INVASIVE EXOTIC PLANTS (CAT.1) TO BE REMOVED FROM SITE, PRIOR TO LANDSCAPE ARCHITECT'S FINAL INSPECTION. REFER TO FLORIDA EXOTIC PEST PLANT COUNCIL (LEPPC) 2015 LIST OF EXOTIC PLANT SPECIES, CAT.1, ONLY.
- ALL SOD SHALL BE ST. AUGUSTINE FLORATAM SOLID SOD, (UNLESS OTHERWISE NOTED) AND LAID WITH ALTERNATING AND BUTTING JOINTS. SOD SHALL BE LAID OVER A 2" LAYER OF TOPSOIL. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT, PRIOR TO INSTALLATION.
- MULCH SHALL BE EUCALYPTUS OR PINE BARK MULCH, (UNLESS OTHERWISE NOTED) APPLIED AT A MIN. DEPTH OF 3" OVER PLANTING BEDS. MULCH SHALL NOT BE APPLIED OVER ANNUAL PLANTING BEDS. MULCH SHALL NOT BE PLACED WITHIN 6" OF TREE & PALM TRUNKS. TOP OF MULCH SHALL NOT EXCEED HEIGHT OF ADJACENT PAVED SURFACES.
- ALL PLANTED AREAS TO RECEIVE 100% COVERAGE BY AN AUTOMATIC IRRIGATION SYSTEM, WITH A MINIMUM OF 50% OVERLAP. RAIN SENSOR TO BE PROVIDED. IRRIGATION SYSTEM TO BE INSTALLED IN COMPLIANCE W/ FLORIDA BUILDING CODE (FBC), LATEST EDITION. BUBBLERS SHALL BE INSTALLED ON ALL RELOCATED & INSTALLED TREES & PALMS TO AID IN THEIR ESTABLISHMENT. REFER TO LANDSCAPE PLAN.

City of Miami Beach, Florida LANDSCAPE LEGEND Chapter 126- Landscape Ordinance

Zoning District: RS-4	Net Lot Area: .31 acres 13,323 sf	
OPEN SPACE	REQUIRED	PROVIDED
Square Feet of open space required, as indicated on site plan: A. Net lot area=13,323 sf x .30 % = 3997 sf	A. 3997	A.
Total square feet of landscaped open space required by Chapter 126 -Table A B. Maximum lawn area (sod) permitted= .50 % x 3997 square feet=	B. 1998 sf	B. 1900 sf
C. No. of trees required per net lot acre: RS-4 = 5 Trees (2 front, 3 rear) + 1 tree per 1000 sf > 6000 sf.	C. 5 +8=13	C. 13 Prov'd
D. Less existing number of trees meeting minimum requirements: 30% Native trees required= the number of trees required x 30% =13 x .30 =3.9 50% (min.) shall be low maintenance or drought & salt tolerant species 13 x .50 =6.5 Diversity: 1-5 req'd= 2 16-20 req'd= 5 Species Req'd 6-10 req'd= 3 21-30 req'd= 6 11-15 req'd= 4 30+ req'd= 7	D. 0 Exist. 4 (3.9) 7 (6.5) 13=4 Species	D. 0 Exist. (by CMB)
E. Street trees (max. avg. spacing @ 20' o.c.): 498 linear feet along street / 20' = 24.8 Palms may be planted in addition to req'd street trees. Do not count as req'd. Palms may be planted in addition to req'd street trees. Do not count as req'd. F. Street trees located directly beneath power lines (max. avg. spacing @ 20' o.c.): Linear feet along street / 20' =	E. 25 (24.8) F. N/A	E. 25 Prov'd F. N/A
G. Total number of trees provided C+E/F=	G. 38 Req'd	G. 38 Prov'd
H. Total number of trees req'd (C+E/F) x 12 = the number of shrubs req'd (18-24" ht) The number of shrubs required x 50% = the number of native shrubs req'd (One species cannot exceed 50% of the req'd total.) Shrubs shall be planted to screen equip. at a ht= to the equip. I. Large shrubs or small trees shall be planted at 10% of the req'd shrub total. & shall be in addition to the shrub total. 50% min. native req'd. Vines shall be a min. of 30' ht. One-to-one basis as a req'd shrub. Groundcovers and grasses shall be planted with a min. of 75% coverage.	H. 456 228	H. 459 289
I. 47	I. 48	

Landscape Plan 1"=10'-0"

Qty	Key	Botanical / Common Name	Description	Native Yes / No
25	Req'd Streets by City of Miami Beach		12-14' oa ht, 3' col, 4' ct.	Yes
2	KF	Krugiodendron ferreum / Black Ironwood	12' oa ht, 6' spr, 2' col.	Yes
1	LL	Lysiloma latidifolia / Wild Tamarind	12' oa ht, 6' spr, 2' col.	Yes
5	CD	Coccoloba diversifolia / Pigeon Plum	12' oa ht, 6' spr, 2' col.	Yes
2	SG	Simarouba glauca / Paradise Tree	12' oa ht, 6' spr, 2' col.	Yes
3	BS	Bursera simarouba / Gumbo Limbo	12' oa ht, 2' col, 6' spr.	Yes
(13) Req'd Trees Prov'd				
67	PTV	Pittosporum tobia var. / Var. Pittosporum	18" ht, 12" spr, 3 gal, full	No
74	SCA	Schefflera actinophylla / Green Schefflera	18" ht, 12" spr, 3 gal, full	No
123	PSL	Psychotria ligustrifolia / Shiny Leaf Coffee	18" ht, 12" spr, 3 gal, full	Yes
107	HAD	Hamelia patens-dwarf / Dwarf Firebush	18"-24" ht, 18" spr, 3 gal, full	Yes
107	CHI	Chrysobalanus icaco / Red Tip Cocoplum	18"-24" ht, 18" spr, 3 gal, full	Yes
(478) Req'd Native Shrubs				
7	CES	Conocarpus e. sericeus / Silver Buttonwood	6' ht, 4' spr.	No
3	CAC	Capparis cynophallophora / Jamaican Coper	6' ht, 4' spr.	Yes
38	COU	Coccoloba uvifera / Seagrape	6' ht, 4' spr.	Yes
(48) Req'd Tall Shrubs/Small Trees, 50% Native				

DRAWN BY
REVISIONS

AA000568
ANTHONY LEON
0016752

3 DESIGN
ARCHITECTURE

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H.L. Martin, Landscape Architect, P.A.
129 2600404 LA #000722
3915 SW 38th Street, Miami, Florida 33155
305.790.4372 hlmartin@hlmartin.com
Herbert Lester Martin, Landscape Architect
SEAL

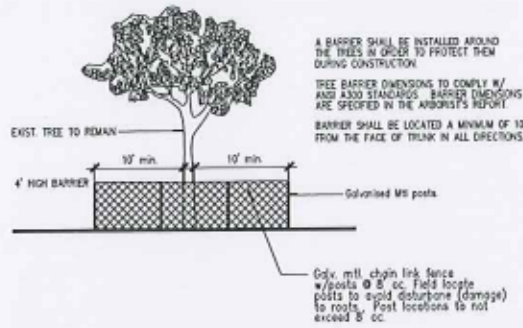
BOARD OF ADJUSTMENT
REMODELING & ADDITION AT
291 PALM AVENUE,
PALM ISLAND
MIAMI BEACH, FL 33139

07.07.17

THESE PLANS ARE FOR BUILDING
DEPARTMENT REVIEW ONLY. THEY ARE NOT
TO BE CONSIDERED AS CONSTRUCTION
DOCUMENTS UNTIL ALL BUILDING
DEPARTMENT APPROVALS ARE OBTAINED

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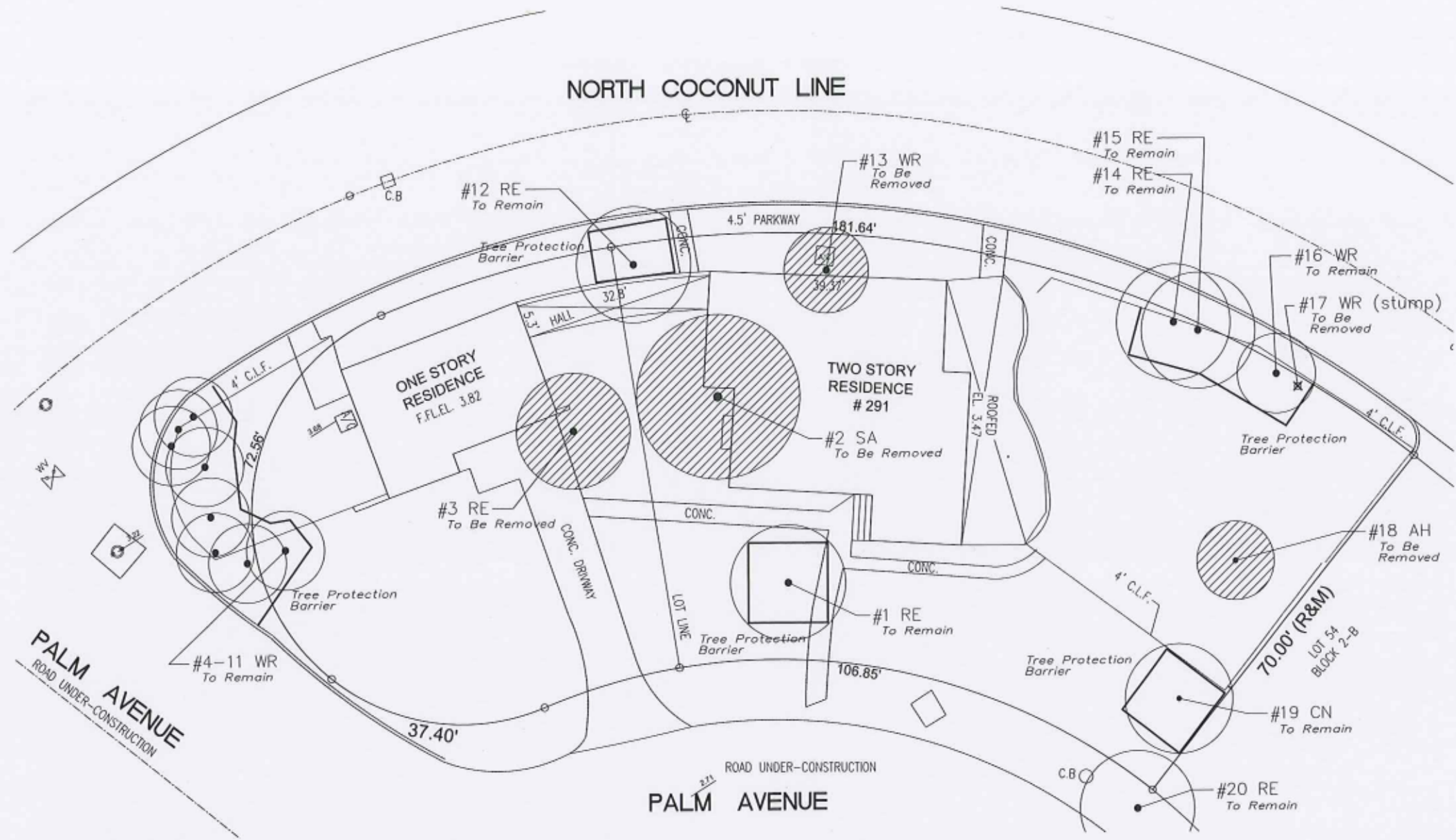
LANDSCAPE PLAN



CITY OF MIAMI BEACH
TREE PROTECTION BARRIER DETAIL N.T.S.

CITY OF MIAMI BEACH
TREE PROTECTION NOTES

- Understory plants within areas surrounded by protective barriers shall be protected.
- No oil, fill, equipment, building materials, building debris, or any other material shall be placed within the area surrounded by the protective barrier.
- No disposal of any waste material such as paints, oils, solvents, asphalt, concrete, mortar, or any other material shall occur within the areas surrounded by protective barriers.
- Natural grade shall be maintained on areas surrounded by the protective barriers. In the event that the natural grade of the site is changed as a result of site development such that the safety of the tree is endangered, tree wells or retaining walls are required.
- Only hand digging and grading activities will be permitted within the tree protection zone. All surrounding areas must be graded to a point that meets the outside of the tree protection zone.
- Underground utility lines, including, but not limited to, irrigation, plumbing, electrical, or telecommunication lines shall be placed outside the areas enclosed by protective barriers. If said placement is not possible, disturbance and root damage shall be minimized by using techniques such as tunneling, hand digging, excavations with an air spade, or use of overhead utility lines.
- No vehicles or equipment shall be permitted within areas surrounded by the protective barrier.
- Written permission is required from the Urban Forester & the Planning Department prior to removal of the Tree Protection Barrier, in order to complete the work, within the boundary. Work performed within the boundary is to be done by hand (no machinery), and an on-site walk through may be required.



Tree Survey List						
Num	Botanical / Common Name	Disposition	HT	SPR	DBH	Description
#1 RE	Roystonea elata / Royal Palm	Remain	50'	20'	20"	Good Condition
#2 SA	Schefflera actinophylla / Schefflera	--Remove--	28'	25'	40"	Good Condition Invasive Exotic
#3 RE	Roystonea elata / Royal Palm	--Remove--	35'	22'	16"	Good Condition
#4 WR	Washingtonia robusta / Washingtonia Palm	Remain	20'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#5 WR	Washingtonia robusta / Washingtonia Palm	Remain	23'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#6 WR	Washingtonia robusta / Washingtonia Palm	Remain	17'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#7 WR	Washingtonia robusta / Washingtonia Palm	Remain	29'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#8 WR	Washingtonia robusta / Washingtonia Palm	Remain	32'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#9 WR	Washingtonia robusta / Washingtonia Palm	Remain	13'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#10 WR	Washingtonia robusta / Washingtonia Palm	Remain	22'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#11 WR	Washingtonia robusta / Washingtonia Palm	Remain	30'	13'	14"	Moderate Condition remove fronds & leaf sheaths
#12 RE	Roystonea elata / Royal Palm	Remain	42'	24'	17"	Good Condition
#13 WR	Washingtonia robusta / Washingtonia Palm	--Remove--	34'	14'	19"	Moderate between AC & building
#14 RE	Roystonea elata / Royal Palm	Remain	22'	17'	13"	Good Condition
#15 RE	Roystonea elata / Royal Palm	Remain	18'	15'	14"	Good Condition
#16 WR	Washingtonia robusta / Washingtonia Palm	Remain	28'	11'	9.5"	Moderate Condition
#17 WR	Washingtonia robusta / Washingtonia Palm	--Remove--	20'			Dead / Stump only to be removed
#18 AH	Auracaria heterophylla / Norfolk Island Pine	--Remove--	45'	14'	15"	Moderate Condition
#19 CN	Cocos nucifera / Coconut Palm	Remain	25'	19'	9"	Good Condition
#20 RE	Roystonea elata / Royal Palm	Remain	38'	24'	15"	Good Condition In R/W

Tree Survey Notes:

Indicates existing tree / palm to be removed.

Tree Survey/Disposition Plan
1"=10'-0"



DATE	BY
01/15/22	ANTHONY LEON
01/15/22	ANTHONY LEON

AA00000000
ANTHONY LEON
01/15/22

3 DESIGN
ARCHITECTURE

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LANDSCAPE PLAN