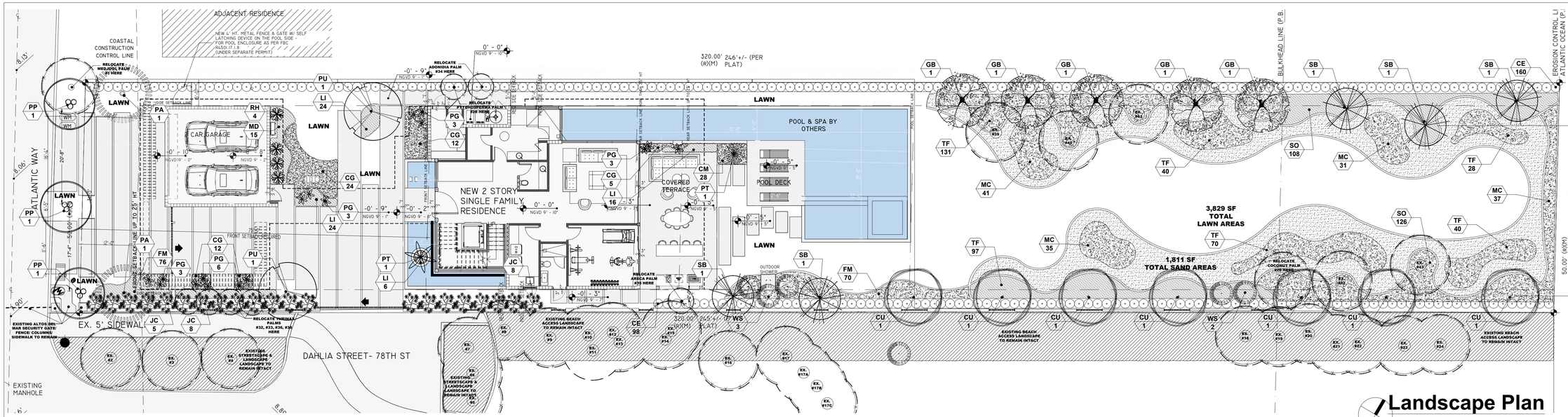
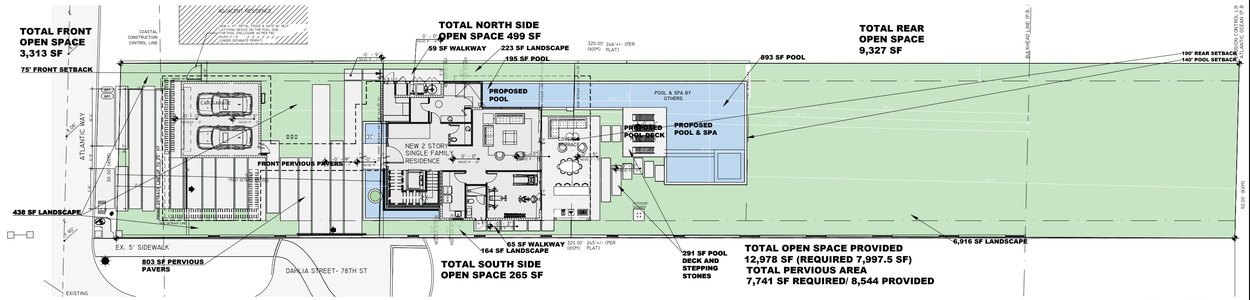


Landscape Plan

SCALE 3/32" =1'-0"



Area Plan

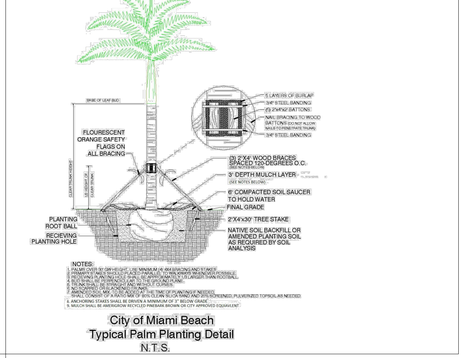
LANDSCAPE NOTES

1. ALL PLANT MATERIAL SHALL BE GRADED FLORIDA #1 OR BETTER, AS DEFINED IN THE GRADES AND STANDARDS FOR NURSERY PLANTS, PART I AND II BY THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.
2. ALL PLANTS NOT LISTED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER AFFAIRS SHALL CONFORM TO A FLORIDA NO. 1 AS TO (1) HEALTH AND VITALITY, (2) CONDITION OF FOLIAGE, (3) ROOT SYSTEM, (4) FREEDOM FROM PEST OR MECHANICAL DAMAGE, (5) HEAVILY BRANCHED AND DENSELY FOLIATED ACCORDING TO THE ACCEPTED NORMAL SHAPE OF THE SPECIES.
3. ALL LANDSCAPE MATERIAL SHALL COMPLY WITH COUNTY, CITY OR LOCAL ORDINANCES.
4. SYMBOLS REPRESENT PLANTS AT MATURE STAGE, NEVER AT TIME OF INSTALLATION.
5. ALL TREES, SHRUBS AND GROUNDCOVERS SHALL RECEIVE 3" DEPTH OF SHREDDED MELALEUCA MULCH.
6. TERRA-SORB MOISTURE RETENTION GRANULES SHALL BE ADDED TO ALL TREE/PALM PITS AT THE RATE RECOMMENDED BY MANUFACTURER.
7. ALL PLANTING BEDS TO BE WEED AND GRASS FREE.
8. THERE SHALL BE A 24" WIDE STRIP OF MULCH BETWEEN STEM OF SHRUBS/GROUNDCOVERS AND SOD.
9. ALL TREES AND PALMS TO BE STAKED IN A GOOD WORK-MAN-LIKE MANNER. NO NAIL STAKING IS PERMITTED.
10. PLANTING SOIL SHALL CONSIST OF AN EVENLY BLENDED MIX OF 50% MUCK, 25% SAND, 15% SPHAGNUM PEAT MOSS & 10% SHEEP MANURE. TWO POUNDS OF FERTILIZER SHALL BE ADDED TO EACH CUBIC YARD OF PLANTING SOIL & THOROUGHLY MIXED. PLANTING SOIL SHALL HAVE A PH OF BETWEEN 6.0 & 7.0 AFTER MIXING & ADDITION OF FERTILIZER.
11. TOP SOIL SHALL CONSIST OF 80% SAND & 20% MUCK AND THOROUGHLY MIXED WITH A COMMERCIAL SHREDDER. MIX SHALL BE FREE OF ROCKS, LIMBS, ROOTS & OTHER MATTER.
12. AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR ALL LANDSCAPE AREAS. THIS IS DESIGNED FOR "HEAD TO HEAD" COVERAGE.
13. LANDSCAPE CONTRACTOR SHALL REVIEW ALL DRAWINGS AND PREPARE HIS OWN TAKE-OFF AND PLANT LIST PRIOR TO BID COST, AND COMPARE TO LANDSCAPE ARCHITECT'S PLANT LIST.
14. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ATTAINING ACCURATE COUNTS OF PLANT MATERIALS SPECIFIED. IN THE EVENT OF DISCREPANCIES, LANDSCAPE CONTRACTOR SHALL BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST - NO EXCEPTIONS!
15. LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
16. NO CHANGES SHALL BE MADE WITHOUT PRIOR CONSENT OF THE LANDSCAPE ARCHITECT AND OWNER

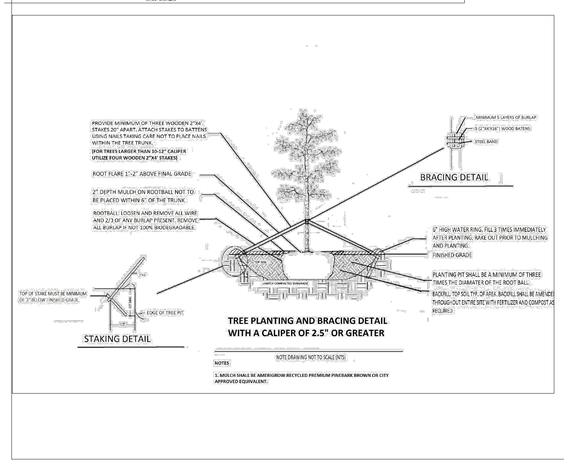
GENERAL NOTES:

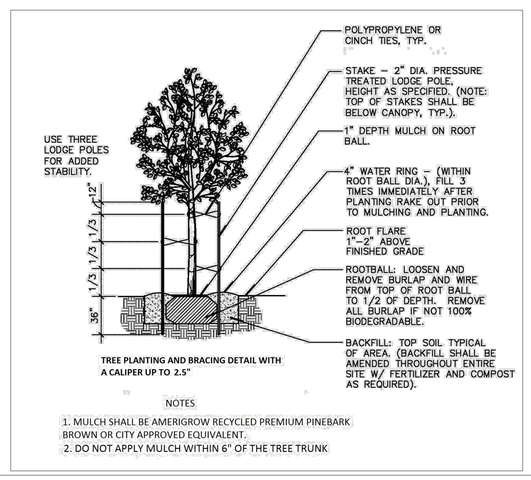
NURSERY SUPPORT POLES SHALL BE REMOVED AT THE NURSERY, PRIOR TO DELIVERY, AND THAT TREES DELIVERED WITH THE NURSERY POLES WILL NOT BE ACCEPTED; AND THEREFORE REJECTED, WITH THE EXCEPTION OF THE FOLLOWING TREE SPECIES: CLUSIA ROSEA AND SILVER BUTTONWOOD TREES.

17. LANDSCAPE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY FALLING TREES OR TREE LIMBS DUE TO ROOT PRUNING AND STRESS CAUSED BY INSUFFICIENT LATERAL ROOTS AND/OR ANY OTHER DAMAGE TO TREES RELATED TO CONSTRUCTION. BEFORE ROOT PRUNING OR GRADING, LANDSCAPE ARCHITECT ADVISES THAT AN ARBORIST AND/OR A STRUCTURAL ENGINEER VERIFY THAT THE PROPOSED LATERAL ROOTS IN THE TREE ROOT PROTECTION ZONE ARE SUFFICIENT FOR TREES NOT TO FALL.



City of Miami Beach
Typical Palm Planting Detail
N.T.S.





	CODE REQUIREMENTS		
	ZONING DISTRICT : RS-3 LOT AREA = 15,995 SF		
	OPEN SPACE	REQUIRED	PROVIDED
A	SQ FT OF REQUIRED OPEN SPACE AS INDICATED ON SITE PLAN LOT AREA = 15,995 SF X 50% (CHP 126 TABLE A) = 7,997.5 SF	7,997.5 SF	12,978 SF
B	SQUARE FT. OF PARKING LOT OPEN SPACE REQUIRED AS INDICATED ON SITE PLAN NUMBER OF PARKING SPACES ___X 10 S.F PARKING SPACE = ?	NA	NA
C	TOTAL SQ FT. OF LANDSCAPED OPEN SPACE REQUIRED : A+B	7,997.5 SF	12,978 SF
	LAWN AREA CALCULATION		
A	SQ FT OF LANDSCAPED OPEN SPACE REQUIRED	7,997.5 SF	12,978 SF
B	MAXIMUM LAWN AREA (SOD) PERMITTED = 50 % X 12,978 SF	6,489 SF	3,829 SF
	TREES		
A	NUMBER OF TREES REQUIRED PER LOT OR NET LOT ACRE: UP TO 6,000 SQ FT. PROVIDE ONE ADDITIONAL TREE FOR EACH ADDITIONAL 1,000 SQUARE FEET. 15,995SQ FT; 10 ADDITIONAL TREES REQUIRED. RS-3= PER LOT(FRONT YARD) = 2 PER LOT (BACK YARD) 3 . TOTAL TREES 5 MINIMUM REQUIREMENT + 10 ADDITIONAL REQUIRED= 16 TREES	16	19
B	% NATIVES REQUIRED: NUMBER OF TREES PROVIDED (16) X 30% = 4.8 = 5	5	19
C	% LOW MAINTENANCE /DROUGHT AND SALT TOLERANT REQUIRED: NUMBER OF TREES PROVIDED X 50 % = 8	8	19
D	STREET TREES (MAXIMUM AVERAGE SPACING 20' OC) 50 LINEAR FEET ALONG STREET DIVIDED BY 20' = 2.5 ROUNDED TO 3	3	3
E	STREET TREE SPECIES ALLOWED DIRECTLY BELOW POWER LINES : MAXIMUM AVERAGE SPACING OF 20' OC) : N/A	N/A	N/A
	SHRUBS		
A	NUMBER OF SHRUBS REQUIRED : SUM OF LOT AND STREET TREES = 16 REQUIRED + 3 STREET TREES =19 X 12 = 228	228	1,340
B	% NATIVE SHRUBS REQUIRED : NUMBER OF SHRUBS PROVIDED X 50% =	114	1,042
	LARGE SHRUBS OR SMALL TREES		
A	NUMBER OF LARGE SHRUBS OR SMALL TREES REQUIRED: NUMBER OF REQUIRED SHRUBS 228 X 10% = 23	23	28
B	% NATIVE LARGE SHRUBS OR SMALL TREES REQUIRED : NUMBER OF LARGE SHRUBS OR SMALL TREES PROVIDED X 50% = 11.5 = 12	12	26

PLANT SCHEDULE

KEY	QUAN	PROPOSED MATERIAL	NATIVE	WATER	DESCRIPTION
SHRUBS					
CM	28	CARISSA MACROCARPA/ DWARF CARISSA	NO	LOW	12" HT. X 12" SPR / FULL/ 12" OC.
TF	405	TRIPSACUM FLORIDANU/ DWARF FAKAHATCHEE GRASS	YES	LOW	48" HT. X 24" SPR / FULL/ AS SHOWN
CE	258	CONOCARPUS ERECTUS/ GREEN BUTTONWOOD (FOR HEDGE)	YES	LOW	48" HT. X 24" SPR. / FULL/ 24" O.C.
PG	18	PHILODENDRON GIGANTEUM/ GIANT PHILODENDRON	NO	LOW	24" HT. X 24" SPR. / FULL/ AS SHOWN
MC	144	MUHLENBERGIA CAPILLARIS/ MUHLY GRASS	YES	LOW	48" HT. X 48" SPR. / FULL/ SHADE GRWN
MD	15	MONSTERA DELICIOSA/ SWISS CHEESE PLANT	NO	LOW	24" HT. X 24" SPR. / 7 GAL/ FULL/ AS SHOWN
CG	53	PHILODENDRON 'CONGO GREEN'/ CONGO GREEN	NO	LOW	24" HT. X 24" SPR. / FULL/ AS SHOWN
SO	234	UNIOLA PANICULATA/ SEA OATS	YES	LOW	12" HT. X 12" SPR. / FULL/ 18" OC.
LI	60	LIRIOPE MUSCARI GREEN GIANT BLUE/ GIANT LIRIOPE	NO	LOW	12" HT. X 12" SPR. / FULL/ 12" OC.
RH	4	RHAPIS EXCELSA/ LADY PALM	NO	MED	48" HT. X 24" SPR. / 15 GAL/ FULL/ 5 F.P.P. MIN.
PT	2	BEAUCARNEA RECURVATA/ PONYTAIL	NO	LOW	8' HT. X 3' SPR. / FULL/ HEAVY HEAD/ 15 GAL.
FM	146	FICUS MICROCARPA/ GREEN ISLAND FICUS	NO	LOW	18" HT. X 18" SPR. / 3 GALLONS/ 18" O.C./ FULL
LAWN	3,829 SF	BOYIVA TIMERALY/ (CONTRACTOR TO CHECK QUANTITIES ON SITE)	NO	MED	SOLID EVEN PIECES
TREES AND PALMS					
SYM	QUAN	PROPOSED MATERIAL	NATIVE	WATER	DESCRIPTION
	GB/ 5	CONOCARPUS ERECTUS GREEN BUTTONWOOD	YES	LOW	14' HT. X 5' SPR. X 4" C.T. X 2.5" CAL./FG, BB, FF/ SINGLE MAIN LEADER
	SB/ 5	CONOCARPUS ERECTUS SERICEUS SILVER BUTTONWOOD	YES	LOW	14' HT. X 5' SPR. X 4" C.T. X 2.5" CAL./FG, BB, FF/ SINGLE MAIN LEADER
	CU/ 7	COCCOLOBA UVIFERA SEA GRAPE	YES	LOW	14' HT. X 5' SPR. X 4" C.T. X 2.5" CAL./FG, BB, FF/ SINGLE MAIN LEADER
	PA/ 2	CLUSIA ROSEA PITCH APPLE (STREET TREES)	YES	LOW	10' HT. X 6' SPR X 4" C.T. X 2.5" CAL./FG, BB, FF/ SINGLE MAIN LEADER
	PU/ 2	PANDANUS UTILIS SCREW PINE	NO	LOW	8' - 12' O.A. HT / F.G. / FULL / HEAVY HEADS/ MULTIPLE TRUNKS
STREET TREES					
	PP/ 3	COCCOLOBA DIVERSIFOLIA PIGEON PLUM (STREET TREES 20' O.C.)	YES	LOW	14' HT. X 6' SPR. 2.5" CAL./FG, BB, FF/ SINGLE MAIN LEADER
SMALL TREES/ LARGE SHRUBS					
	JC/ 21	CAPPARIS CYNOPHALLOPHORA JAMAICA CAPER	YES	LOW	10' HT. X 5' SPR. / 5" CAL./ FG, BB, FF/ SINGLE MAIN LEADER
	WS/ 5	EUGENIA AXILLARIS WHITE STOPPER	YES	LOW	10' HT. X 5' SPR. / 5" CAL./ FG, BB, FF/ SINGLE MAIN LEADER

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Project: 7801 ATLANTIC WAY RESIDENCE
Landscape Plan
7801 ATLANTIC WAY
MIAMI BEACH, FL 33141

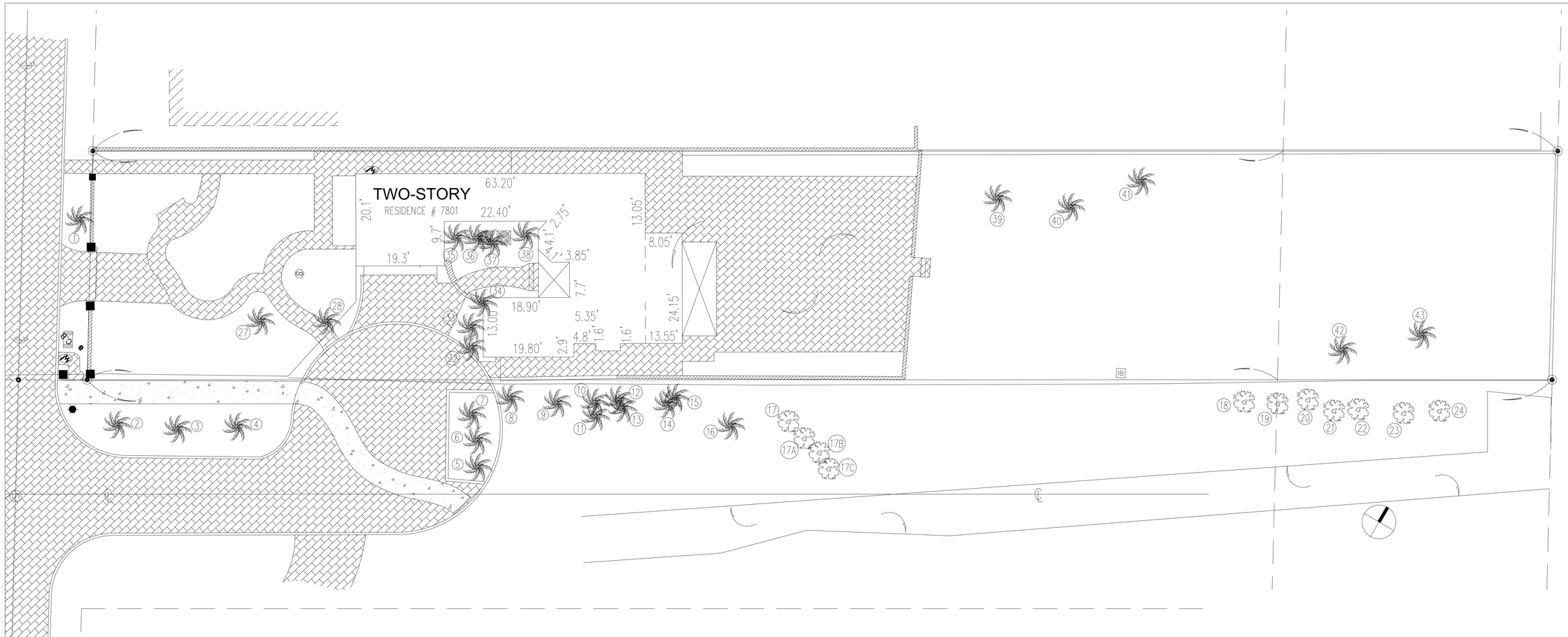
REVISIONS:

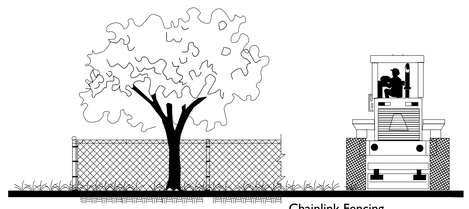
Seal:

Lic. # LA6666853
Manuel C. Alonso; A.S.L.A.

Drawing :LANDSCAPE PLAN
Date: 03.12.2023
Scale: 1/8" = 1' - 0"
Drawn by: JRP/MCA
Sheet No.:

L-1





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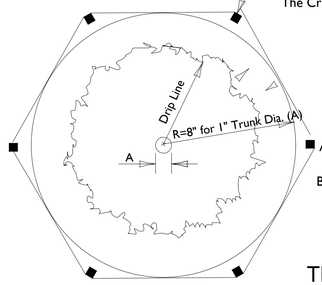
Chainlink Fencing
Barricade Shall Be Placed So As To Emcompass
The Critical Protection Zone (CPZ)



A=Inches Diameter 4.5' Above Grade Of Protected Tree

B=Tree Protection Zone (TPZ)
That area Surrounding A Tree Within
A Circle Described By A Radius Of
8" for 1" of Trunk Diameter
Diameter measured At 4.5' Above Grade

NTS.

TREE PROTECTION DETAIL

* THIS DETAIL APPLIES TO ALL TREES THAT WILL REMAIN OR BE RELOCATED

Jeff Shimonski, Certified Arborist FL-1052AM
7801 Atlantic Way, Miami Beach
EXISTING TREE TABLE

	Scientific name	Common name	DBH	H/Ct	Canopy	Action	Mitigation
1	Phoenix medjool	Medjool palm	17"	28'	28'	Relocate (in way of new driveway/ garage)	N/A
2	Cocos nucifera	Coconut palm	9"	28'	26'	Remain	N/A
3	Cocos nucifera	Coconut palm	10"	30'	28'	Remain	N/A
4	Cocos nucifera	Coconut palm	9"	25'	28'	Remain	N/A
5	Adonidia merrillii	Christmas palm	6"	15'	10'	Remain	N/A
6	Adonidia merrillii	Christmas palm	6"	15'	10'	Remain	N/A
7	Adonidia merrillii	Christmas palm	7"	15'	10'	Remain	N/A
8	Ptychosperma elegans x 2 tks	Solitare palm	6"	28'	12'	Remain	N/A
9	Cocos nucifera	Coconut palm	8"	28'	18'	Remain	N/A
10	Veitchia montgomeryana x 2 tks	Montgomery palm	7"	7'	12'	Remain	N/A
11	Veitchia montgomeryana	Montgomery palm	2"	8'	10'	Remain	N/A
12	Cocos nucifera	Coconut palm	10"	26'	20'	Remain	N/A
13	Veitchia montgomeryana	Montgomery palm	4"	7'	10'	Remain	N/A
14	Cocos nucifera	Coconut palm	8"	28'	26'	Remain	N/A
15	Veitchia montgomeryana	Montgomery palm	4"	6'	10'	Remain	N/A
16	Cocos nucifera	Coconut palm	9"	22'	26'	Remain	N/A
17	Coccoloba uvifera	Seagrape	7"	30'	18'	Remain	N/A
17a	Coccoloba uvifera	Seagrape	17"	30'	25'	Remain	N/A
17b	Coccoloba uvifera	Seagrape	22"	30'	30'	Remain	N/A
17c	Coccoloba uvifera	Seagrape	42"	30'	30'	Remain	N/A
18	Coccoloba uvifera	Seagrape	31"	18'	28'	Remain	N/A
19	Coccoloba uvifera	Seagrape	26"	20'	35'	Remain	N/A
20	Coccoloba uvifera	Seagrape	15"	16'	35'	Remain	N/A
21	Coccoloba uvifera	Seagrape	9"	18'	35'	Remain	N/A
22	Coccoloba uvifera	Seagrape	17"	18'	35'	Remain	N/A
23	Coccoloba uvifera	Seagrape	3"	14'	14'	Remain	N/A
24	Coccoloba uvifera	Seagrape	18"	16'	25'	Remain	N/A
27	Cocos nucifera	Coconut palm	9"	20'	30'	Relocate (in way of new construction)	N/A
28	Ptychosperma elegans	Solitare palm	4"	20'	8'	Relocate (in way of new construction)	N/A
32	Thrinax radiata x 4 tks	Florida thatch palm	14"	30'	20'	Relocate (in way of new construction)	N/A
33	Thrinax radiata x 2 tks	Florida thatch palm	7"	30'	8'	Relocate (in way of new construction)	N/A
34	Adonidia merrillii	Christmas palm	6"	24'	8'	Relocate (in way of new construction)	N/A
35	Dypsis lutescens	Areca palm	44"	22'	10'	Relocate (in way of new construction)	N/A
36	Thrinax radiata x 2 tks	Florida thatch palm	7"	30'	14'	Relocate (in way of new construction)	N/A
37	Strelitzia nicolai	White bird of paradise	5"	20'	8'	Remove	N/A
38	Thrinax radiata x 3 tks	Florida thatch palm	12"	30'	18'	Relocate (in way of new construction)	N/A
39	Cocos nucifera	Coconut palm	10"	22'	18'	Remain	N/A
40	Cocos nucifera	Coconut palm	7"	13'	18'	Remain	N/A
41	Cocos nucifera	Coconut palm	9"	22'	18'	Remain	N/A
42	Cocos nucifera	Coconut palm	8"	20'	18'	Remain	N/A
43	Cocos nucifera	Coconut palm	8"	13'	18'	Remain	N/A
	Total Canopy Removal						N/A

DBH is rounded-off to the nearest inch
H/Ct denotes approximate overall height of trees and approximate clear trunk of palm
The clear trunk measurement for palms with multiple trunks is of the tallest trunk

Tree Disposition Plan

SCALE1/8" =1'-0"

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Project:

7801 ATLANTIC WAY RESIDENCE
TREE DISPOSITION PLAN

7801 ATLANTIC WAY
MIAMI BEACH, FL 33141

REVISIONS:

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Drawn by: JRP/MCA

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TD-1