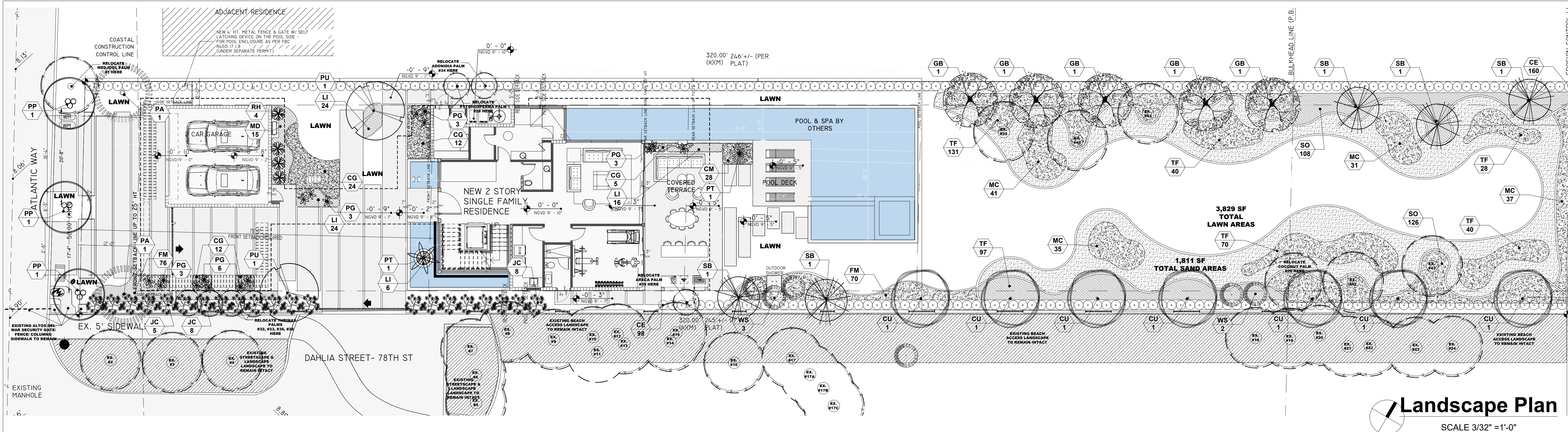




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GRAPHIC

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7801 ATLANTIC WAY RESIDENCE

Landscape Plan

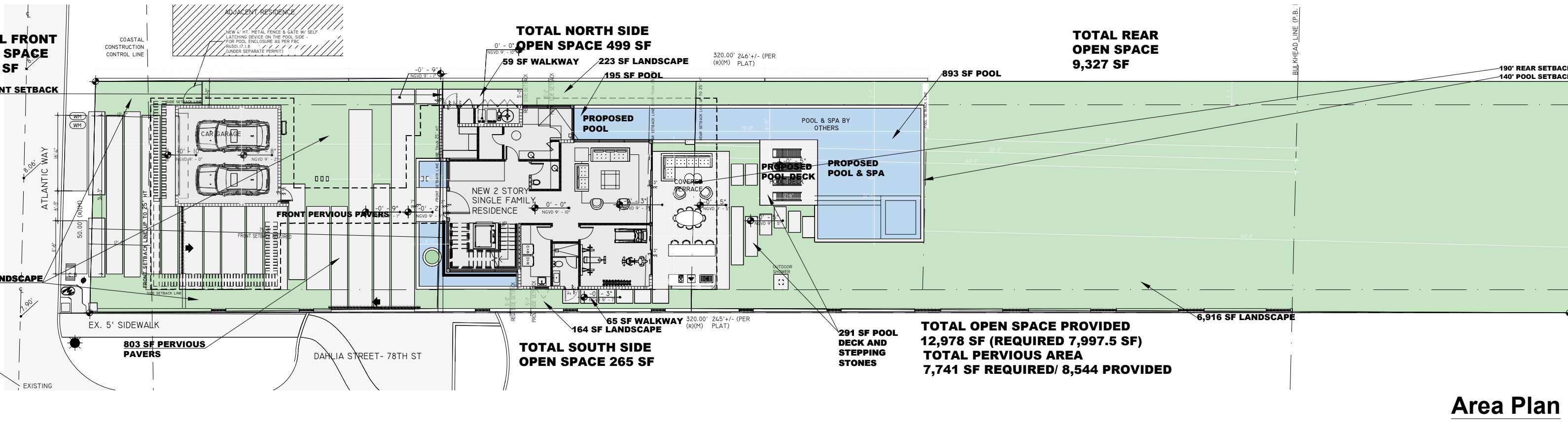
7801 ATLANTIC WAY
MIAMI BEACH, FL 33141

Project:

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

Tree Planting and Bracing Detail with a Caliper of 2.5\" or Greater

Tree Planting and Bracing Detail with a Caliper up to 2.5"



CODE REQUIREMENTS			
ZONING DISTRICT : RS-3 LOT AREA = 15,995 SF			
OPEN SPACE			
A	SQ FT OF REQUIRED OPEN SPACE AS INDICATED ON SITE PLAN LOT AREA = 15,995 SF X 50% (CHP 128 TABLE A) = 7,997.5 SF	REQUIRED 7,997.5 SF	PROVIDED 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			
SHRUBS			
KEY	QUAN	PROPOSED MATERIAL	NATIVE / WATER DESCRIPTION
CM	28	CARISSA MACROCARPA DWARF CARISSA	NO LOW 12' HT. X 12' SPR. / FULL 12' OC.
TF	406	THYRSACUM FLORIDANUM DWARF FAKARAHAT GRASS	YES LOW 48' HT. X 24' SPR. / FULL AS SHOWN
EX	258	CONOCARPUS ERECTUS GREEN BUTTWOOD (P.F.)	YES LOW 48' HT. X 24' SPR. / FULL 24' OC.
PL	15	PHILODENDRON BRUNGAIUM GIANT PHLODENDRON	NO LOW 24' HT. X 24' SPR. / FULL AS SHOWN
MC	144	MULLENBERGIA CAPILLARIS MAUI GRASS	YES LOW 48' HT. X 48' SPR. / FULL SHADE GRASS
MD	15	MONSTERA DELICIOSA SWISS CHEESE PLANT	NO LOW 24' HT. X 24' SPR. / 1 GAL / FULL AS SHOWN
CS	53	PHILODENDRON CONGO GREEN / CONGO GREEN	NO LOW 24' HT. X 24' SPR. / FULL AS SHOWN
BO	234	BRUNDA PANDELLA PAN. SIDA GRASS	YES LOW 12' HT. X 12' SPR. / FULL 12' OC.
LJ	80	LIRIOPE MURCARI GREEN GIANT BLUE / GIANT LIROPE	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 S.P.P. MIN.
PT	2	BEAUCAERNA RECURVATA PONTAL	NO LOW 9' HT. X 2' SPR. / FULL HEAVY HEAD 15 GAL
FM	166	FICUS MICROCARPA GREEN WAND FICUS	NO LOW 18' HT. X 18' SPR. / 3 GALLONS / 18" G. C. / FULL
LAWN	3,829 SF	GRASS "TIMBER" (CONTRACTOR TO CHECK QUANTITIES FOR SITE)	NO MED SOLID EVEN PIECES
TREES AND PALMS			
KEY	QUAN	PROPOSED MATERIAL	NATIVE / WATER DESCRIPTION
BB	5	CONOCARPUS ERECTUS SILVER BUTTWOOD	YES LOW 14' HT. X 8' SPR. X 4' C.T. X 2.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
BB	5	CONOCARPUS ERECTUS SENSIVUS SILVER BUTTWOOD	YES LOW 14' HT. X 8' SPR. X 4' C.T. X 2.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
DL	7	COCOCOA LAFAYETTE	YES LOW 14' HT. X 8' SPR. X 4' C.T. X 2.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
PA	2	CLUSIA ROSEA	YES LOW 16' HT. X 8' SPR. X 4' C.T. X 2.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
PL	2	PANDANUS UTILIS SCREW PINE	NO LOW 8' - 12' O.A. HT. F.G. / FULL / HEAVY HEAD / MULTIPLE TRUNKS
STREET TREES			
PP	3	COCOCOA DIVERSIFOLIA PRIDEON PLUM (STREET TREES 20' O.C.)	YES LOW 14' HT. X 8' SPR. 2.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
SMALL TREES / LARGE SHRUBS			
JO	21	CAPPARIS CHNOPHALOPHORA	YES LOW 10' HT. X 8' SPR. 1.5' CAL.FG. BB. FF. SINGLE MAIN LEADER
NS	5	BUDENIA ANGLARIS WHITE STOPPER	YES LOW 10' HT. X 8' SPR. 1.5' CAL.FG. BB. FF. SINGLE MAIN LEADER

REVISIONS:

Seal:

Lic. # LA666853
Manuel C. Alonso; A.S.L.A.

Drawing :LANDSCAPE PLAN

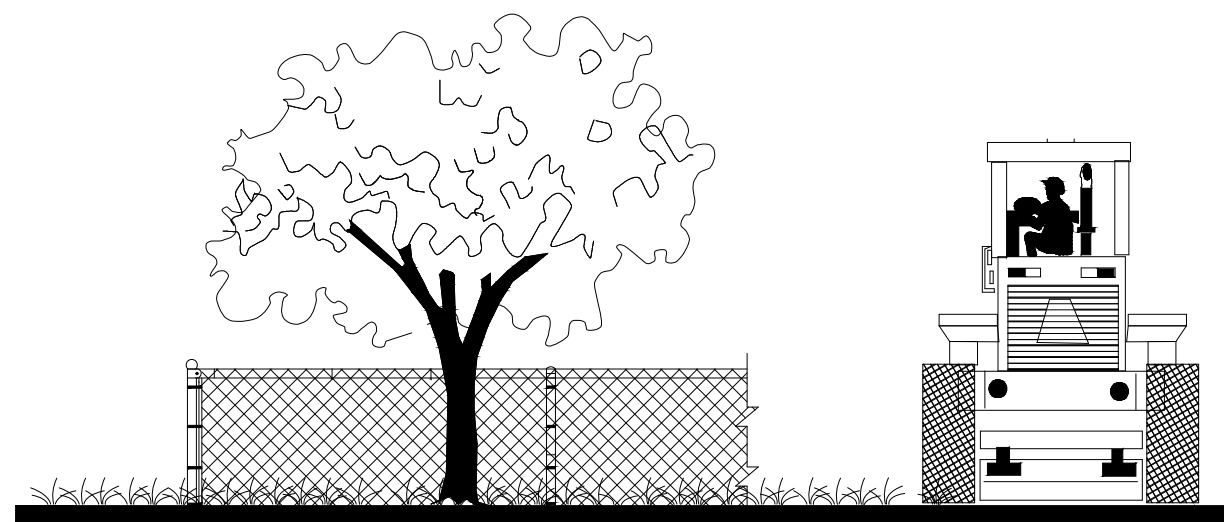
Date: 03.12.2023

Scale: 1/8" = 1' - 0"

Drawn by: JRP/MCA

Sheet No.:

L-1



Chainlink Fencing
Barricade Shall Be Placed So As To Encompass
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

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'	28'	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	Solitaire 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	7"	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	30"	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	Solitaire 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	Streitizia nicotai	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

SCALE 1/8" = 1'-0"

TOPOGRAPHIC

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7801 ATLANTIC WAY RESIDENCE
TREE DISPOSITION PLAN

7801 ATLANTIC WAY
MIAMI BEACH, FL 33141

Project:

REVISIONS:

Seal:

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

Drawing :LANDSCAPE PLAN
Date: 03.10.2023
Scale: 1/8" = 1' - 0"
Drawn by: JRP/MCA
Sheet No.:
TD-1