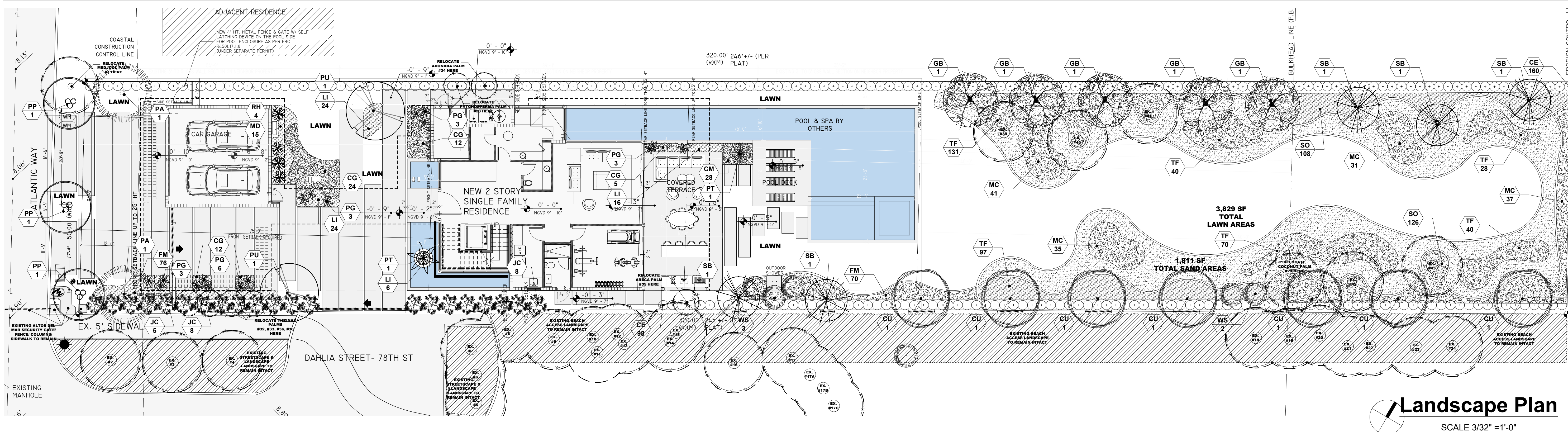




TOPO
GRAPHIC

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7801 ATLANTIC WAY RESIDENCE

Landscape Plan

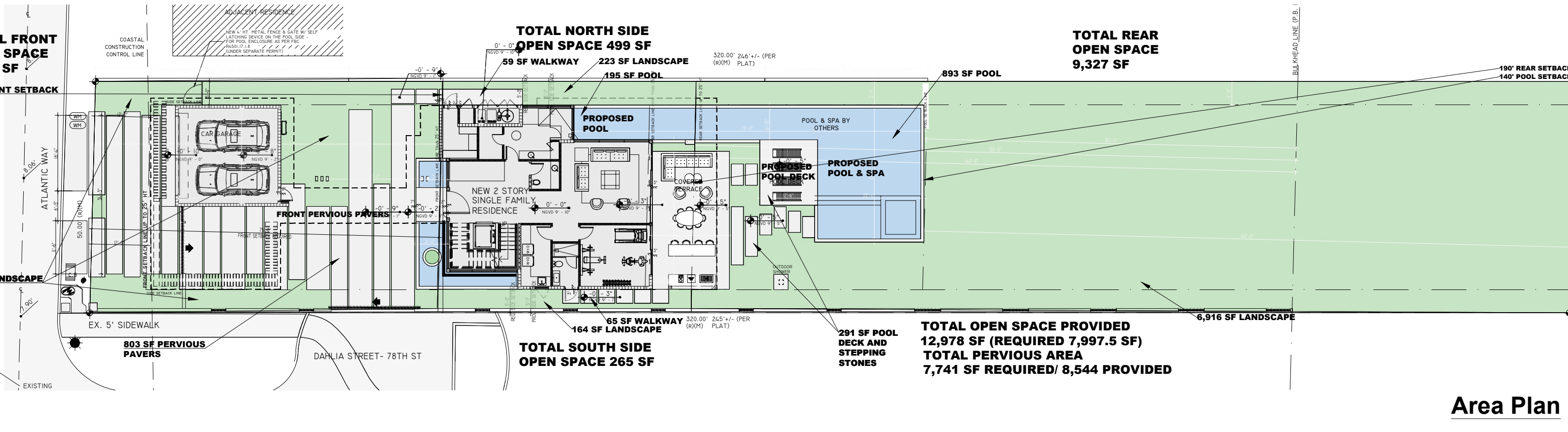
7801 ATLANTIC WAY
MIAMI BEACH, FL 33141

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			
C			
D			
E			
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: 15,995 SQ 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 FAKARHAT 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.
PG	15	PHILODENDRON BINGSTELII GIANT PHLODENDRON	NO LOW 24" HT. X 24" SPR. / FULL AS SHOWN
MC	144	MULLENBERGIA CAPILLARIS MAHLY 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
CG	53	PHILODENDRON CONGO GREEN / CONGO GREEN	NO LOW 24" HT. X 24" SPR. / FULL AS SHOWN
BO	234	BRICKIA PANDOLFIANA SILA DARTS	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 BANG FICUS	NO LOW 18" HT. X 18" SPR. / 3 GALLONS / 18" G / FULL
LAWN	3,829 SF	AMERICA TURFGRASS (CONTRACTOR TO CHECK QUANTITIES FOR SITE)	NO MED SOLID EVEN PIECES
TREES AND PALMS			
TRM	QUAN	PROPOSED MATERIAL	NATIVE / WATER DESCRIPTION
BB	5	CONOCARPUS ERECTUS GREEN 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 SEROTUS 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 LAUREA	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
PA	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



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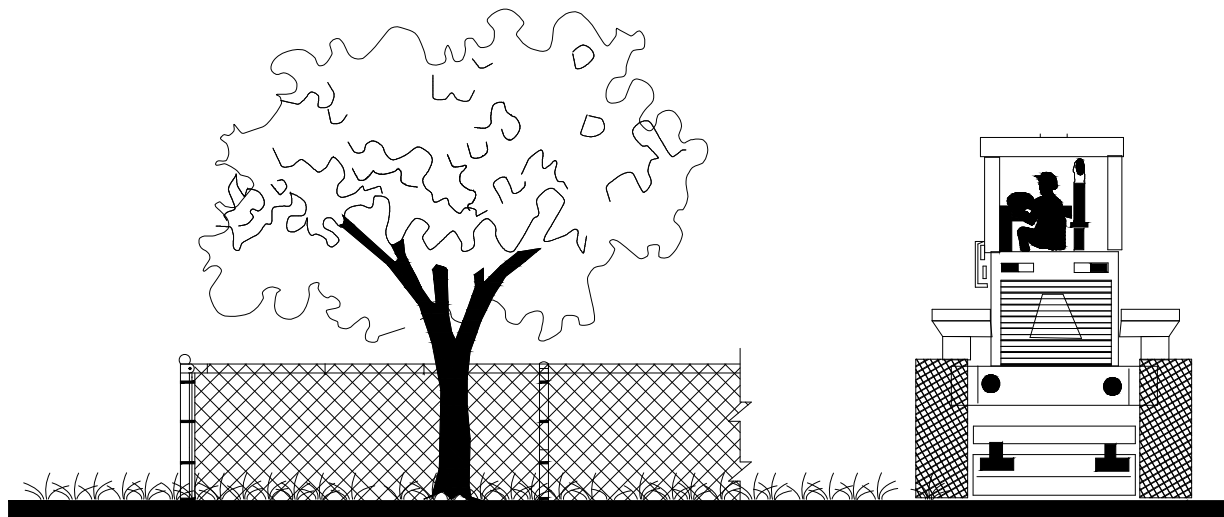
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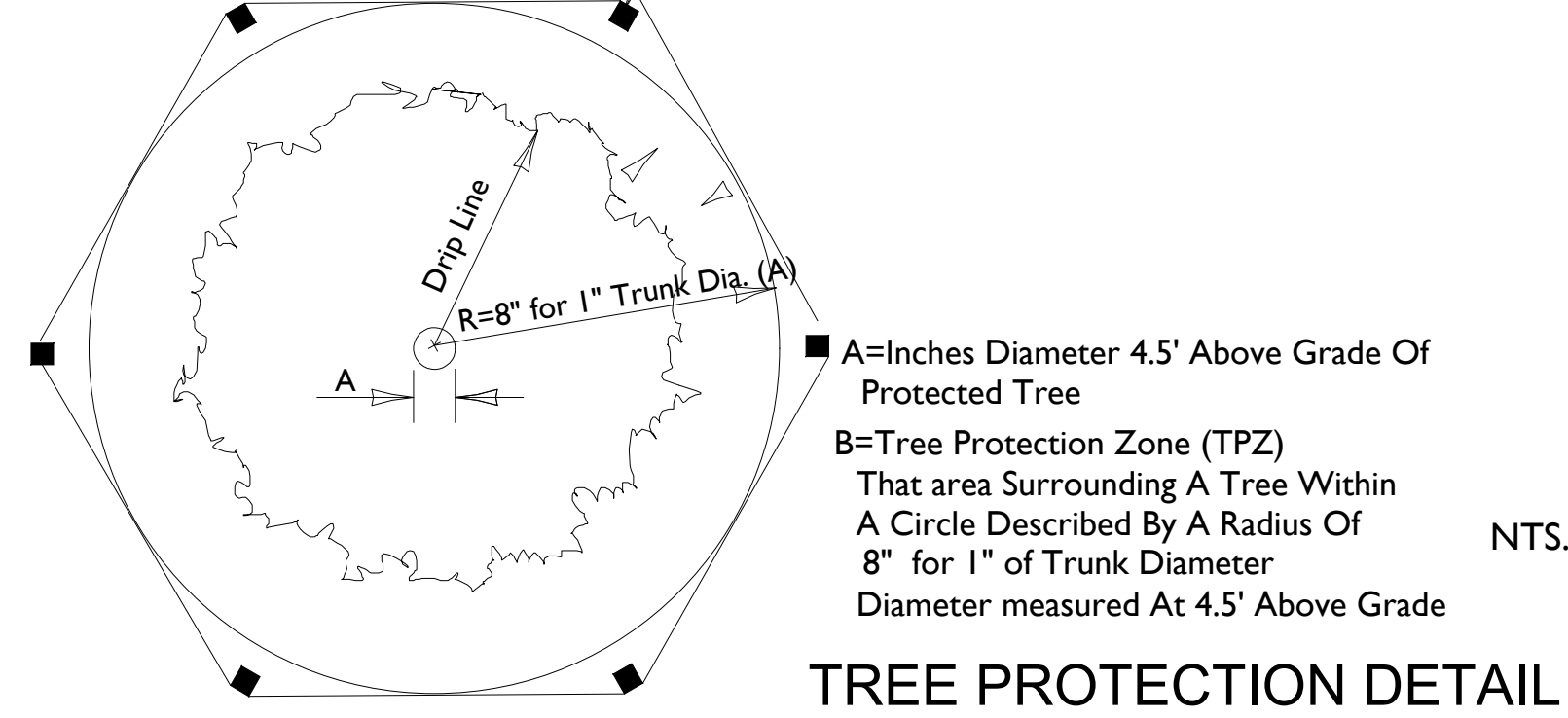
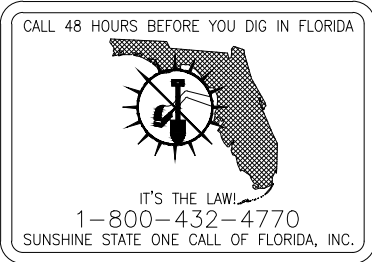
design consultants + project management
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Project:

7801 ATLANTIC WAY RESIDENCE
TREE DISPOSITION PLAN
7801 ATLANTIC WAY
MIAMI BEACH, FL 33141



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

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	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	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	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 Streptocarpus nicotia	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"

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