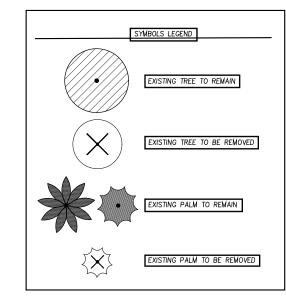


TREE DISPOSITION PLAN

SCALE: 1" = 10'-0"



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 WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE,

STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND

In no case shall the fence be installed less than ten feet from the trunk

MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.

Tree + Palm protection barriers to extend beyond the 'dripline' or to the 'critical root zone area' of all trees/palms to be protected. Extend where necessary to protect tree canopy roots

Barriers shall be a minimum of four feet high, and shall be constructed of continuous chain link fence with metal posts at eight-foot spacing, or of two-by-four-inch posts with three equally spaced two-by-four-inch rails. Posts may be shifted to avoid roots.

PROTECTION DETAIL NOTE
CONTRACTOR TO INSTALL TREE / PALM PROTECTION FENCE BARRIERS AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

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

Total diameter of tree(s) to be removed (sum of inches at DBH)	Total number of replacement trees required (where each replacement tree is a minimum of 2" DBH x 6' spread in canopy x 12' in height)	OR	Total number of replacement trees required (where each replacement tree is a minimum of 4" DBH x 8' spread in canopy x 16' in height)	OR	Contribution to Tree Trust Fund
2"—3"	1	or	0	or	\$1,000.00
4"—6"	2	or	1	or	\$2,000.00
7"—12"	4	or	2	or	\$4,000.00
13"—18"	6	or	3	or	\$6,000.00
19"—24"	8	or	4	or	\$8,000.00
25"—30"	10	or	5	or	\$10,000.00
31"36"	12	or	6	or	\$12,000.00
37"—42"	14	or	7	or	\$14,000.00
43"—48"	16	or	8	or	\$16,000.00
49"—60"	20	or	10	or	\$20,000.00

INFORMATION ON EXISTING VEGETATION AND MITIGATION CALCULATIONS IS BASED ON ARBORIST REPORT. 2. REFER TO SHEET L-1.0 FOR MITIGATION PROVIDED.

			TREED	ISPOSITI	ON LEGEN	ND				
TREE#	SCIENTIFIC NAME	COMMON NAME	DBH (IN)	HEIGHT (FT)	CANOPY SPREAD (FT)	MITIGATION (TREES)	MITIGATION (PALMS)	CONDITION	DISPOSITION	TPZ
1	Adonidia merrillii	Christmas palm	7"	14'	8'			Good	To Remain	4'
2	Adonidia merrillii	Christmas palm	7"	13'	8'			Good	To Remain	4'
3	Adonidia merrillii	Christmas palm	7"	16'	8'			Good	To Remain	4'
4	Adonidia merrillii	Christmas palm	6"	18'	8'			Good	To Remain	4'
5	Phoenix roebelenii	Pygmy date palm	4"	6'	5'		less than 16' ht	Good	Remove	
6	Ptychosperma elegans	Solitare palm	4"	28'	1 <i>0</i> '			Good	To Remain	4'
7	Roystonea regia	Royal palm	10"	8'	18'			Good	To Remain	4'
7A	Bursera simaruba	Gumbo limbo	4"	24'	18'			Moderate	To Remain	4'
7B	Bursera simaruba	Gumbo limbo	9"	35'	24'			Moderate	To Remain	6'
8	Ptychosperma elegans	Solitare palm	3"	15'	9'			Good	To Remain	4'
9	Ptychosperma elegans	Solitare palm	3"	17'	8'			Good	To Remain	4'
10	Ptychosperma elegans	Solitare palm	3'	26'	8'		1	Moderate	Remove	
11	Ptychospermaelegans x 3 tks	Solitare palm	9"	12'	2'		less than 16' ht		Remove	
12	Bursera simaruba	Gumbo limbo	10"	40'	28'	10		Moderate	Remove	
13	Ficus benjamina	Weeping fig	11"	27'	26'	N/A		Poor	Remove	
14	Ptychosperma elegans	Solitare palm	4"	28'	8'	1,		Good	To Remain	4'
15	Crinum species	Crinum lilie	0	0	4'	Shrub		Good	Remove	2'
16	Crinum species	Crinum lilie	0	0	4'	Shrub		Good	Remove	2'
16A	Ficus benjamina	Weeping fig	1"	8'	8'	N/A		Good	Remove	3'
17	Not onsite	Treeping rig				1071			Remove	
18	Ficus benjamina	Weeping fig	6"	23'	14'	N/A		Poor	Remove	
18A	Adonidia merrillii	Christmas palm	6"	14'	10'	10/6	less than 16' ht	Good	Remove	
18B	Adonidia merrillii	Christmas palm	6"	21'	10'		1	Good	Remove	
180	Adonidia merrillii x 2 tks	Christmas palm	12"	20'	16'		1	Good	Remove	
18D	Ptychosperma elegans	Solitare palm	4"	27'	9'		'	Moderate	To Remain	4'
19	Cocos nucifera	Coconut palm	8"	20'	28'	-	1	Good	Remove	4
20	Cocos nucifera	'	9"	30'	26'	 	1	Moderate	Remove	
21	Cocos nucifera	Coconut palm	0	0	10'		less than 16' ht	Good	Remove	
22	000 000 000 000 000 000 000 000 000 00	Coconut palm	0	0	12'		less than 16' ht	Good	Remove	
	Cocos nucifera	Coconut palm	10"	35'	26'			Moderate	Remove	
23	Cocos nucifera	Coconut palm	1, 100				1		0.000.000.000.000	
24	Cocos nucifera Cocos nucifera	Coconut palm	11" 13"	27' 40'	28' 28'		1	Moderate	Remove Remove	
25		Coconut palm	5"					Moderate		
26	Thrinax radiata	Florida thatch palm		18'	6'		1	Good	Remove	
27	Thrinax radiata	Florida thatch palm	5"	16'	6'		1	Good	Remove	
28	Thrinax radiata	Florida thatch palm	5"	16'	6'		1	Good	Remove	A 1
29	Ptychosperma elegans	Solitare palm	4"	30'	8'			Moderate	To Remain	4'
30	Cocos nucifera	Coconut palm	12"	35'	32'			Moderate	To Remain	5'
31	Not onsite	a	4 5 11	7	0.51	4.5			<u> </u>	
32	Podocarpus macrophyllus	Chinese Yew	18"	38'	20'	18		Good	Remove	
33	Podocarpus macrophyllus	Chinese Yew	16"	30'	15'	16		Moderate	Remove	
34	Podocarpus macrophyllus	Chinese Yew	15"	30'	22'	15		Moderate	Remove	
35	Callistemon viminalis	Bottlebrush	21"	16'	22'	21		Poor	Remove	
36	Roystonea regia	Royal palm	17"	28'	24		1	Good	Remove	
37	Roystonea regia	Royal palm	18"	45'	34'		1	Good	Remove	
38	Roystonea regia	Royal palm	13"	38'	22'		1	Poor	Remove	
38A	Jatropha integerrima	Peregrina	14"	16'	18'	Shrub		Good	Remove	4'
	TOTAL AMOUNT OF PALMS						14			
	TOTAL DBH BEING REMOVI	ED				80				

VARABYEU DESIGN

ARCHITECTURE INTERIORS PLANNING

2640 S.Bayshore Drive, T. (786) 597-8576 F. (305) 667-5567 Second Floor, Suite 210, Miami, FL 33133 AA 26002329

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(305) 457-0791

(786) 518-2008

IDAL AND ASSOCIATES, In .(305) 571.1860

4836 SW 74th Coo Viami, FI 33155 (305) 669-0255

SUNNY ISLES BEACH, FL 33160

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

NO.	SUBMITTAL	DATE
1	FINAL SUBMITTAL	09-03-21

DRAWING

TREE DISPOSITION PLAN

SCALE SEAL

DWN GA/JJ REVIEWED

PROJECT 2021-18

SHEET NO.: TD-1.0



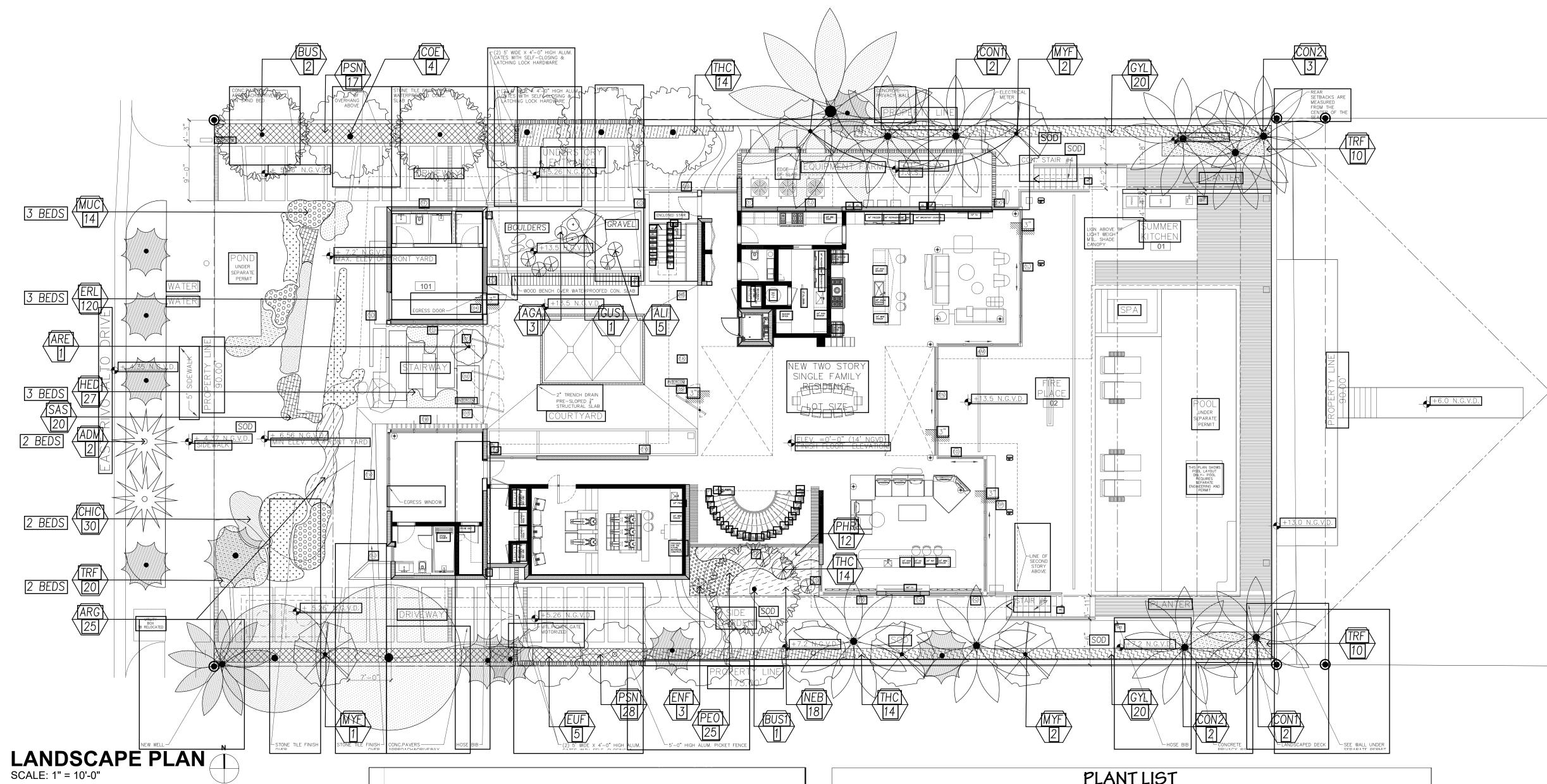
LANDSCAPE ARCHITECT

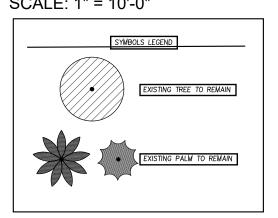
CONSULTING

HRFH CONSULTING HAROLD HOYTE 2222 DISCOVERY CIRCLE

WEST DEERFIELD BEACH, FL.

33442 954.882.4757 ANDSCAPE SUB-CONSULTA





NOTES:

I. REFER TO SHEET L-I.2 FOR PLANTING DETAILS AND NOTES.

2. MITIGATION WILL BE PROVIDED FOR ALL REMOVALS BASED ON CITY OF MIAMI BEACH REQUIREMENTS.

3. ALL PLANTING WILL BE IRRIGATED WITH 100% COVERAGE.

	Zoning District: RS-3 Lot Area: 15,750 SF Acres: .36AC		
		REQUIRED/	
	OPEN SPACE	ALLOWED	PROVIDED
A.	Square feet of required Open Space as indicated on site plan:		1,089.7 @ Front Yard +
	Lot Area = <u>15,750</u> s.f. x <u>50</u> % = <u>7,875</u> s.f.	7,875 SF	1,782.3 @ Back Yard
В.	Square feet of parking lot open space required as indicated on site plan:		
	Number of parking spaces x 10 s.f. parking space =	N/A	N/A
C.	Total square feet of landscaped open space required: A+B=	7,875 SF	1,089.7 @ Front Yard + 1,782.3 @ Back Yard
	LAWN AREA CALCULATION		
A.	Square feet of landscaped open space required		1,089.7 @ Front Yard +
<i>,</i>	Square record rama scaped open space required	7,875 SF	1,782.3 @ Back Yard
В.	Maximum lawn area (sod) permitted= 50 % x 2,872 SF	7,07001	671 SF @ Front Yard +
		826 SF	155 SF @ Rear Yard
	TREES		
A.	Number of trees required per lot, less existing number of trees meeting minimum		
	requirements =5_ trees x lot - 2 (number of existing trees)=	5	5 (inc. 2 existing)
	A1. As per 126-6.c, Table A 2 trees at front yard, 3 trees in back yard		
	A2. Per every 1,000 SF over 6,000 SF property, another tree will be added	12	12
B.	% Natives required: Number of trees provided x 30% =	4	12
C.	j	6	10
n	Number of trees provided x 50%= Street Trees (maximum average spacing of 20' o.c.)	6	12
ν.	90' linear feet along street divided by 20'=	5	6 (inc. 4 ex. Palms)
E.	Street tree species allowed directly beneath power lines:	J	C (mo. 4 cx. 1 ams)
	(maximum average spacing of 20' o.c.):		
	linear feet along street divided by 20'=	N/A	N/A
	TOTAL TREES		
		20	23
	SHRUBS		
٨	Number of shrubs required: Sum of lot and street trees required x 12=		
A. B.		240	343
	% Native shrubs required: x 50%=	120	302
	LARGE SHRUBS OR SMALL TREES		
A.	Number of large shrubs or small trees required: Number of required shrubs x 10%=	24	41
B.		12	41

			PLANT LIS	<u>5T </u>	_
LABEL	QUANTITY	SCIENTIFIC NAME	COMMON NAME	SPECIFICATIONS	NATIVE
TREES/I	ALMS		•	•	'
ADM	2	Adonidia merrillii	Christmas Palm	15' CT., Florida #1 or better, Street Palm	
ARE	1	Ardisia escallonioides	Marlberry	10' Ht., 1.5" dbh, Florida #1, Standard	Yes
BUS	2	Bursera simaruba	Gumbo Limbo	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes
BUS1	1	Bursera simaruba	Gumbo Limbo	18-20' Ht., 8-10' sp., 8" dbh, Red bark, w/character	Yes
COE	4	Conocarpus erectus	Green Buttonwood	16' Ht., 8' sp., 4" dbh, Florida #1, Standard	Yes
CON1	4	Cocos nucifera	Coconut Palm	10' CT., Florida #1 or better	
CON2	5	Cocos nucifera	Coconut Palm	14' CT., Florida #1 or better, curved trunks	
EUF	5	Eugenia foetida	Spanish Stopper	10'Ht., 1.5" dbh., Standard, Florida #1 or better	Yes
MYF	5	Myrcianthes fragrans	Simpson's Stopper	12'Ht., 4'sp., 2"dbh, Standard, Florida #1	Yes
GMAII 1	rees/lar <i>g</i> e	CHPIIRG			
GYL	40	Gymnanthes lucida	Crabwood	15 gal., 36" OC., Florida #1 or better	Yes
GUS	1	Guaiacum sanctum	Lignum vitae	12'Ht., W/ Character, multi trunk, Florida #1 or better	Yes
SHRUBS)				
ARG	25	Argusia gnaphalodes	Sea Lavender	full, 3 Gal., 18 " o.c., 12" ht. at time of planting	Yes
AGA	3	Agave attenuata	Spineless Agave	7 gal., full	
ALI	5	Alcantarea imperialis	Imperial Bromeliad	7 gal., full	
CHIC	30	Chrysobalanus icaco 'Horizontal'	Horizontal Cocoplum	full, 3 Gal., 24 " o.c., 18" ht. at time of planting	Yes
ENF	3	Encephalartos ferox	Encephalartos	full, 7 Gal., 24" ht. at time of planting,	
ERL	120	Erondea littoralis	Golden Creeper	full, 3 Gal., 24 " o.c., 18" ht. at time of planting	Yes
MUC	14	Muhlenbergia capillaris	Muhly Grass	full, 3 Gal., 24 " o.c., 18" ht. at time of planting	Yes
NEB	18	Nephrolepis exaltata 'Bostoniensis'	True Boston Fern	full, 3 Gal., 24 " o.c., 18" ht. at time of planting	
PHR	12	Philodendron 'Rojo Congo'	Red Congo Philodendron	full, 7 Gal., 30 " o.c., 24" ht. at time of planting,	
PSN	45	Psychotria nervosa	Wild Coffee	full, 7 Gal., 30 " o.c., 24" ht. at time of planting,	Yes
THC	28	Thyrsacanthus callistachyus	Purple Firespike	full, 3 Gal., 30 " o.c., 30" ht. at time of planting	Yes
TRF	40	Tripsacum floridanum	Dwarf Fakahatchee Grass	full, 3 Gal., 30" o.c., 18" ht. at time of planting	Yes
	343	TOTAL			
GROUNI	COVERS				
HED	27	Helianthus debilis	Beach Sunflower	full, 1 Gal., 18" o.c., 18" ht. at time of planting	Yes
PEO	25	Peperomia obtusifolia	Baby rubber plant	full, 1 Gal., 18" o.c., 18" ht. at time of planting	100
SAS	20	Salvia splendens	Scarlet Sage	full, 1 Gal., 18" o.c., 18" ht. at time of planting	Yes
	•		· •	,	
SOD					
	826 SF	Stenotaphrum secundatum 'Palmetto'	St. Augustine 'Palmetto'	solid sod, Free of weeds	

VARABYEU DESIGN

ARCHITECTURE INTERIORS PLANNING

2640 S.Bayshore Drive, Second Floor, Suite 210, Miami, FL 33133

T. (786) 597-8576 F. (305) 667-5567 AA 26002329

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9135 Fountainblue Blvd, #4, Miami, FL 331 .(305) 457-0791

(786) 518-2008

'IDAL AND ASSOCIATES. In .(305) 571.1860

4836 SW 74th Coo Viami, FI 33155 (305) 669-0255

18101 COLLINS AVE 3902 SUNNY ISLES BEACH, FL 3316

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

DATE

Phase: DRB FINAL SUBMITTAL

NO. SUBMITTAL

1	FINAL SUBMITTAL	09-03-21

DRAWING

LANDSCAPE ARCHITECT

HRFH CONSULTING
HAROLD HOYTE
2222 DISCOVERY CIRCLE
WEST
DEERFIELD BEACH, FL.
33442
954.882.4757

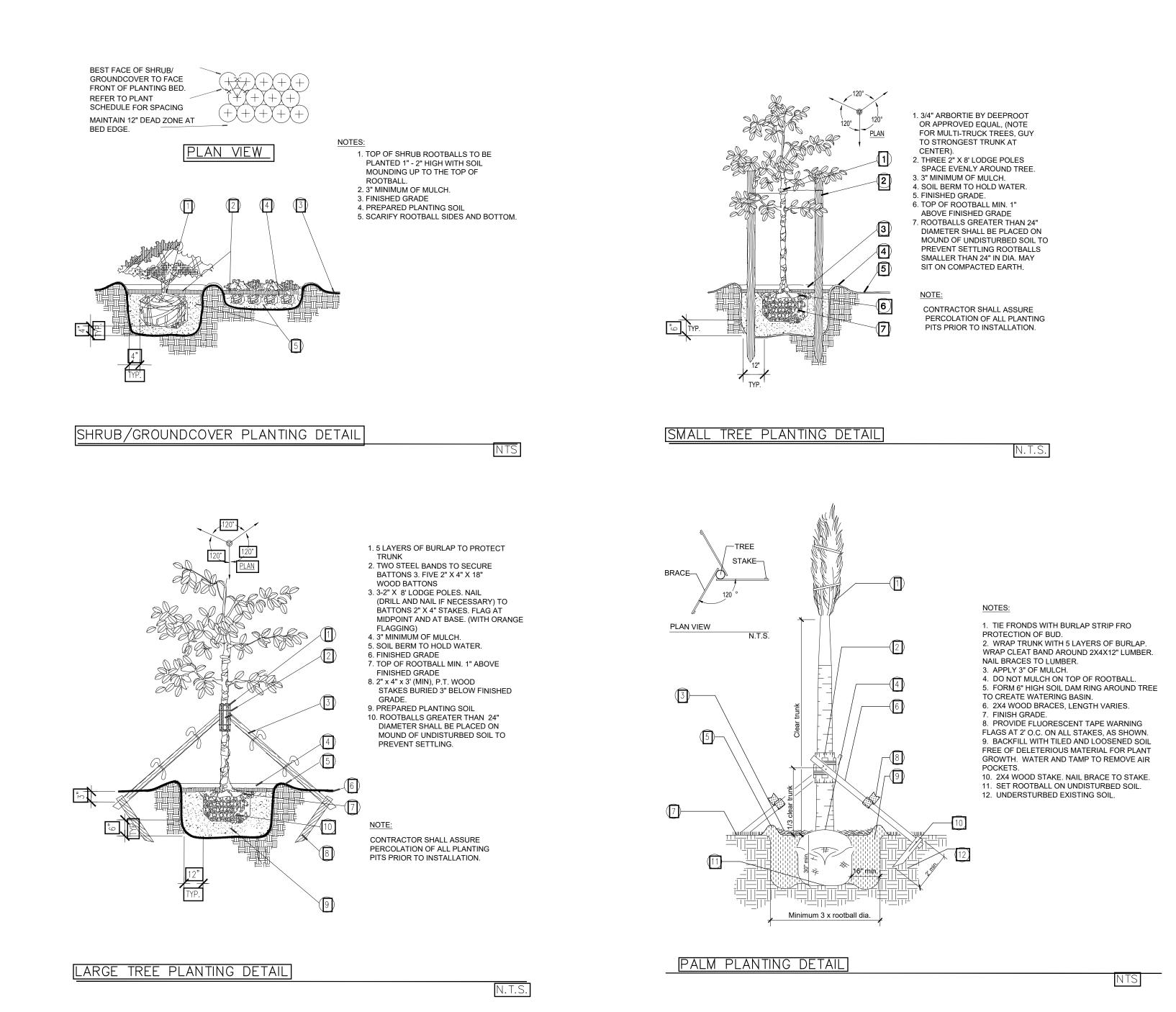
Jerez Design Group, Inc. JEREZ DESIGN GROUP JESSICA JEREZ 9135 FONT. BLVD. #4 MIAMI, FL. 33172 305.457.0791

LANDSCAPE PLAN

SCALE SEAL GA/JJ REVIEWED PROJECT

2021-18 SHEET NO. :

L- 1.0



PLANTING DETAILS & NOTES SCALE: AS SHOWN

LANDSCAPE GENERAL NOTES

- All plants furnished by the Landscape Contractor unless otherwise specified shall be Florida No.1 or better, and shall be specified in Grades and Standards for Nursery Plants, Part 1 (3rd Ed., 1975) by the Florida Department of Agriculture and Consumer Services Division of the plant industry.
- All shrubs, and groundcovers shall be guaranteed for 90 days from date of final acceptance. All trees and palms shall be guaranteed for six months from date of final acceptance.
- Planting soil (with the exception for Palms) shall be weed-free, and consist of 60% clean, coarse, sharp, Lake Wales Silica Sand (alternate: Ortona or FDOT #3 coarse silica sand) and 30% Everglades muck mixed with 10% Canadian Peat.
- All planting beds to be weed and grass free. Contractor shall apply herbicide to soil as recommended by manufacturer.
- Landscape Contractor shall locate and verify all underground utilities prior to digging.
- All trees and palms, and standard shrub material to be staked in a good workmanlike manner. No nail staking permitted.
- All trees, shrubs and groundcovers shall be fertilized at installation with: Five (5) of FEC 3-24-0-#1308 as manufactured by Atlantic-Florida East Coast Fertilizer Company, Homestead, Florida or equal, and two (2) pounds FEC 15-8-8 #2500 or equal per cubic yard of planting soil.
- All palms shall be fertilized at installation with Atlantic East Coast Fertilizer "Palm Special" or approved equal.
- Cover all planting beds with a minimum of 3" layer of shredded Pine, Eucalyptus or Florimuch (100% shredded Melaleuca). Do not use Bald Cypress mulch.
- Where quantities and/or species differ between the planting plan(s) and the plant list, the plan(s) shall govern.
- No changes shall be made without the prior, written consent of the Landscape Architect and/or Owner.
- Place and maintain protective barriers around the drip line of all trees to be retained on site. These barriers shall be easily visible and sturdily constructed. No heavy equipment or materials shall be stored within the drip line of protected trees. Any trees or palms designated to remain on-site which Miami Dade County determines to have been damaged during construction shall promptly be replaced with plants of equivalent size and value as required at no cost to Miami Dade County.
- General Contractor shall submit photos to Landscape Architect and/orOwner for approval for all plant material 7 gallons or larger unless otherwise specified.
- Loss or damage of branches 1" width or greater due to transport and installation are the responsibility of the GC and grounds for immediate rejection by Landscape Architect and/or Owner.

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305) 457-0791

(786) 518-2008

DAL AND ASSOCIATES (305) 571.1860

(305) 669-0255

JNNY ISLES BEACH, FL 3316

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

1 FINAL SUBMITTAL

NO. SUBMITTAL

DRAWI	NG	
	DRAWI	DRAWING

DATE

09-03-21

PLANTING DETAILS & NOTES

SCALE SEAL DWN

ANDSCAPE SUB-CONSUL Jerez Design Group, Inc. JEREZ DESIGN GROUP JESSICA JEREZ 9135 FONT. BLVD. #4 MIAMI, FL. 33172 305.457.0791

HRFH CONSULTIÌ HAROLD HOYTE 2222 DISCOVERY CIRCL

GA/JJ REVIEWED PROJECT 2021-18 SHEET NO.