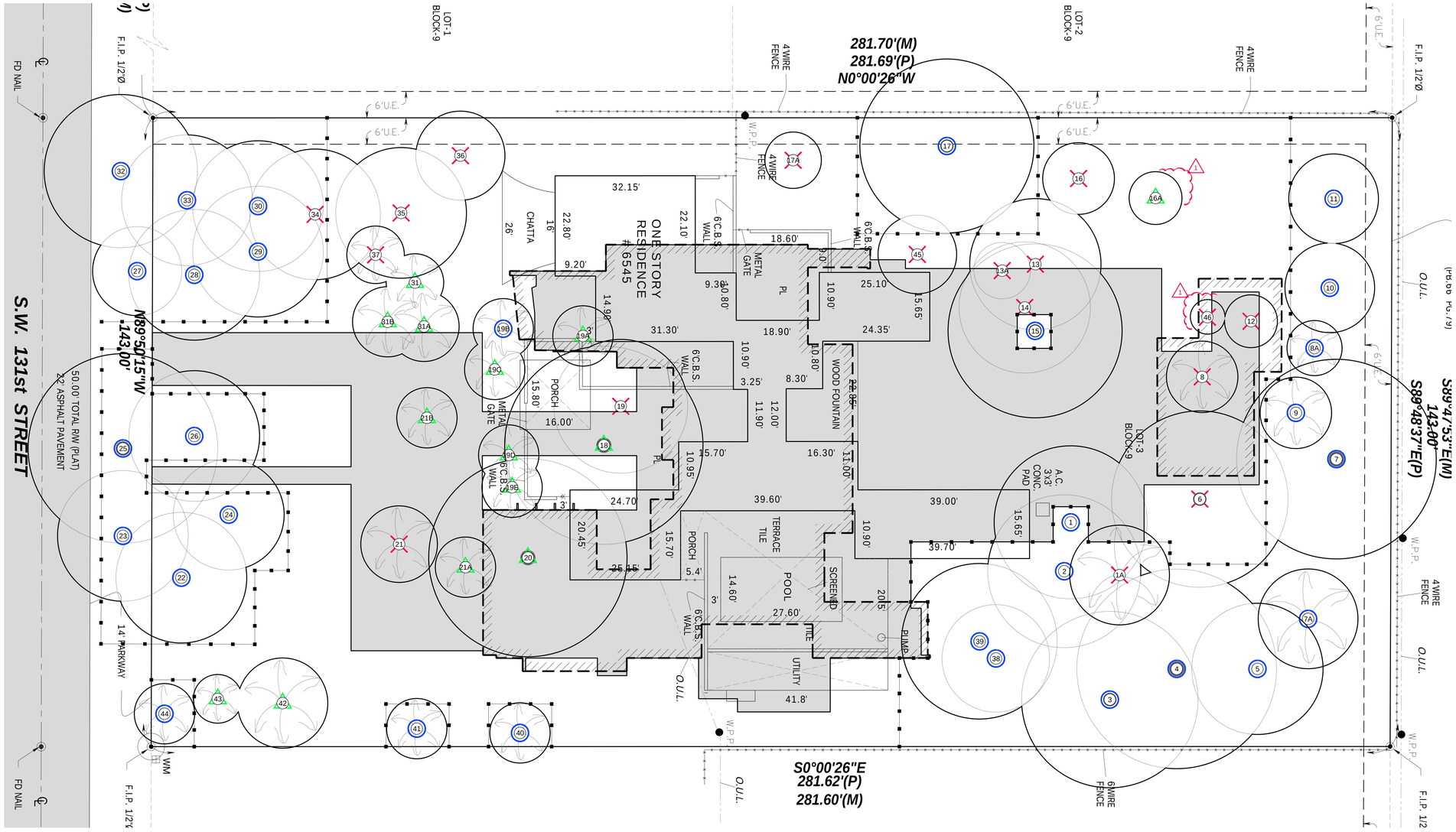

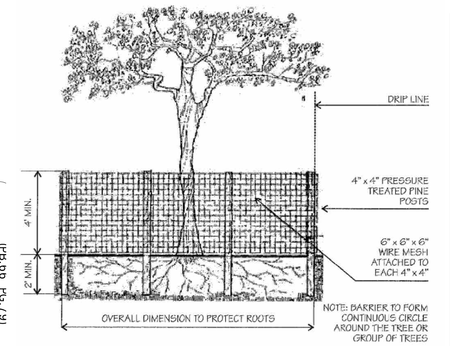

°EXISTING TREE PROTECTION DETAIL°

MITIGATION CALCULATIONS

D.B.H. MITIGATION:

QTY	HGT FEET	DBH INCHES	BOTANICAL / COMMON NAME	REPLACEMENT INCHES
1	18	8	Bursera simaruba - Gumbo Limbo	8
4	16	4	Coccoloba diversifolia - Pigeon Plum	16
2	12	3	Krugiodendron ferreum - Black Ironwood	6
1	16	4	Simarouba glauca - Paradise tree	4
3	15	4	Tabebuia heterophylla - Pink Tabebuia	12
			Mitigation Provided	**46**
			Mitigation Required	**59**

CANOPY MITIGATION:

QTY	HGT FEET	CANOPY SF	BOTANICAL / COMMON NAME	REPLACEMENT CANOPY SF
			Mitigation Provided	**0**
			Mitigation Required	**2390**

PALMS MITIGATION:

QTY	HGT FEET		BOTANICAL / COMMON NAME	REPLACEMENT PALM / TREE
4	25 CT	1 Palm/tree	Phoenix dactylifera 'Medjool'	4
4	12 CT	1 Palm/tree	Ravenala madagascariensis	4
4	12 CT	1 Palm/tree	Veitchia montgomeryana	4
			Mitigation Provided	**12**
			Mitigation Required	**3**

Note: There are trees can not be reasonably replaced on the property. The shortfall of the project the city will decide what the Tree Trust Fund contribution will be

EXISTING TREE DISPOSITION PLAN

SCALE: 0 10 21 32 feet

3/32" = 1'-0"

Sunshine811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

TREE DISPOSITION LEGEND

- 0 — Existing tree or palm to be transplanted
- 0 — Existing tree or palm to be removed
- 0 — Existing tree and palm to remain in their existing location and be protected during construction, no construction or excavation shall be permitted within the dripline of the trees.

Tree / Palm

LIMITS OF EXISTING TREE & PALM PROTECTION ZONE

PROPOSED BUILDING & PAVED AREAS

Existing Tree Disposition List

No.	Scientific Name	Common Name	SPECS DBH (in)	Height (ft)	Spread (ft)	CANOPY LOSS (SQ.FT)	MITIGATION D.B.H.	PALMS	CANOPY	Condition	Disposition	Reason for removal	Comments
1	*Quercus virginiana*	Live oak	20	45	35	962				Good	Remain		
1A	*Strelitzia nicolai*	White bird of paradise	Cluster	20	20	314				Fair	Remove		Species not considered a tree
2	*Ficus aurea*	Strangler fig	30	50	35					Fair	Remain		
3	*Quercus virginiana*	Live oak	17	36	32					Fair	Remain		
4	*Quercus virginiana*	Live oak	25	33	30					Fair	Remain		
5	*Quercus virginiana*	Live oak	17	33	15					Good	Remain		
6	*Quercus virginiana*	Live oak	24	18 OA	20		24			Good	Remove	New house	
7	*Quercus virginiana*	Live oak	28	18 OA	20					Good	Remain		
7A	*Dypsis lutescens*	Areca palm	cluster	26	25					Good	Remain		
8	Dictosperma album	*hurricane palm*	10	20	15			1 Palm/Tree		Good	Remove	New house	
8A	Cocothrinax miraguama	*Miraguama palm*	4	12	8					Good	Remain		
9	*Dypsis leptocheilos*	teddy bear palm	6	20	15					Good	Remain		
10	*Mangifera indica*	Mango	8	20	20					Good	Remain		
11	*Manilkara zapota*	Sapodilla	4	20	20					Good	Remain		
12	*Persea americana*	Avocado	7	10	12	113			113	Good	Remove	New house	
13	*Simaruba glauca*	paradise tree	9	25	30	707			707	Fair	Remove	New house	
13A	*Bursera simaruba*	Gumbo limbo	5	16	12	113	5			Fair	Remove	New house	
14	*Bursera simaruba*	Gumbo limbo	15	45	35	962	15			Good	Remove	New house	
15	*Quercus virginiana*	Live oak	25	45	40					Good	Remain		low aspect codom
16	*Pouteria sapota*	mamey sapote	9	16	16	201			201	Fair	Remove	New house	
16A	*Litchi chinensis*	lychee	5	16	12	113				Good	Transplant		
17	*Quercus virginiana*	Live oak	22	50	40	1,257				Fair	Remain		Lean
17A	*Bulnesia arboria*	Verawood	4	16	12					Good	Remove	septic system conflicts	
18	*Quercus virginiana*	Live oak	25	45	45	1,590				Fair			lt has Platycerium to trasnplant
19	*Quercus virginiana*	Live oak	15	40	30	707	15			Fair	Remove		
19A	*Thrinax radiata*	Florida thatch palm	6	30	12	113				Fair	Transplant		20'c.t
19B	*Thrinax radiata*	Florida thatch palm	6	20	12					Fair	Transplant		18'c
19C	*Thrinax radiata*	Florida thatch palm	5	22	12					Fair	Transplant		20'c.t
19D	*Coccothrinax crinita*	old man palm	9	12	10					Fair	Transplant		
19E	*Coccothrinax crinita*	old man palm	9	8	10					Fair	Transplant		
20	*Quercus virginiana*	Live oak	19	40	45					Good	Transplant		lt has Platycerium to trasnplant
21	*Hyophorbe verschaffeltii*	spindle palm	11	26	13			1 Palm/Tree		Fair	Remove	New house	18'ct
21A	*Sabal palmetto*	Cabbage palm	9	16	12					Good	Transplant		6'ct
21B	*Sabal palmetto*	Cabbage palm	8	14	12					Fair	Transplant		7'ct
21C	*Livistona chinensis*	Chinese fan palm	9	26	15					Good			18'ct
22	*Bucida buceras*	Black Olive	16	40	30					Fair	Remain		
23	*Bucida buceras*	Black Olive	20	45	30					Fair	Remain		lt has Platycerium to remain
24	*Bucida buceras*	Black Olive	12	45	25					Poor	Remain		Lean
25	*Bucida buceras*	Black Olive	32	50	10					Fair	Remain		
26	*Bucida buceras*	Black Olive	17	45	30					Fair	Remain		
27	*Bucida buceras*	Black Olive	13	28	30					Fair	Remain		
28	*Bucida buceras*	Black Olive	20	43	30					Poor	Remain		
29	*Bucida buceras*	Black Olive	18	40	30					Fair	Remain		
30	*Bucida buceras*	Black Olive	19	40	30					Poor	Remain		

Existing Tree Disposition List

No.	Scientific Name	Common Name	SPECS DBH (in)	Height (ft)	Spread (ft)	CANOPY LOSS (SQ.FT)	MITIGATION D.B.H.	PALMS	CANOPY	Condition	Disposition	Reason for removal	Comments
31	*Livistona chinensis*	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
31A	*Livistona chinensis*	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
31B	*Livistona chinensis*	Chinese fan palm	10	34	15					Good	Transplant		24' C.T
32	Bucida buceras	Black Olive	24	45	35					Fair	Remain		
33	Bucida buceras	Black Olive	10	30	20					Poor	Remain		
34	Bucida buceras	Black Olive	17	45	30	471			471	Fair	Remove	septic system conflicts	
35	Bucida buceras	Black Olive	17	40	30	471			471	Poor	Remove	septic system conflicts	Crown dieback
36	Callistemon sp.	bottlebrush	9	20	20	188			188	Poor	Remove	septic system conflicts	Lean
37	Araucaria heterophylla	Norfolk Island pine	9	30	16			1 Palm/Tree		Fair	Remove	septic system conflicts	
37A	*Sabal palmetto*	Sabal palmetto	9	26	12					Good			
38	*Bursera simaruba*	Gumbo limbo	15	45	25					Good	Remain		
39	Quercus virginiana	Live oak	22	35	35					Good	Remain		lt has Platycerium to remain
40	*Sabal palmetto*	Sabal palmetto	10	16	12					Good	Remain		8' C.T
41	Dypsis lutescens	Areca palm	cluster	16	10					Fair	Remain		
42	*Ptychosperma elegans*	solitaire palm	cluster	22	18					Good	Transplant		
43	*Christmas palm*	Adonidia merrillii	cluster	18	10					Good	Transplant		
44	*Livistona chinensis*	Chinese fan palm	9	32	16						Remain		
45	*Bulnesia arboria*	Verawood	7	20	18	188			188		Remove	New house	
46	*Strelitzia nicolai*	White bird of paradise	cluster	8	8	50			50	Good	Remove		Species not considered a tree

TOTAL PROPOSED CANOPY LOSS (in square feet) — **TOTAL REQUIRED** 59 3 Palm/Tree 2390

All Shrubs/Vegetation Not Shown On This Schedule Are To Be Removed.

ALL LANDSCAPE DATA INC.
DERICK LANGEL
Landscape Architect LA666705
www.alllandscapedata.net & .com
4459 NW 97 CT / Doral, FL 33178
Ph: 305.303.7059

Digitally signed by Derick Langel
Date: 2024.07.26 08:31:45-04'00'

FAO ARCHITECTURE
407 LINCOLN ROAD SUITE B-5 MIAMI BEACH, FLORIDA 33139 P.786.488.5630

PROJECT NO: 2305

CLIENT: RONALDO FL2, LLC, 1200 BISCAYNE BLVD. MIAMI , FLORIDA 33181

REVISIONS:
1 VILLAGE OF PINECREST/ WASA/ DERM COMMENTS 07/25/2024

CFS ENGINEERING GROUP, INC.
STRUCTURAL ENGINEER
185 NW 108TH STREET
MIAMI SHORES, FLORIDA 33168

APPE ENGINEERING , LLC
MEP ENGINEERING
2020 PONCE DE LEON BLVD. SUITE 1002
CORAL GABLES, FLORIDA 33134

ALL LANDSCAPE DATA, INC
LANDSCAPE ARCHITECT
4459 NW 97THCOURT
DORAL, FLORIDA 33178

NEW LEAF ENVIRONMENTAL, LLC
ISA CERTIFIED ARBORIST.
57 SILVER SPRINGS DRIVE
KEY LARGO, FLORIDA 33037

TERRA CIVIL ENGINEERING, LLC
CIVIL ENGINEERING
4011 WEST FLAGLER ST., SUITE 404
MIAMI, FLORIDA 33134

CASA ROBLES 131
6545 SW 131 STREET PINECREST, FLORIDA 33156

PROJECT DESCRIPTION: SINGLE FAMILY RESIDENCE

FAO ARCHITECTURE LLC.
DRAWINGS, SPECIFICATIONS, AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY FAO ARCHITECTURE LLC. AND THE CONSULTANTS ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT AND THE CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

SEAL:

FELIPE ALVARADO AR 91841

PHASE: CONSTRUCTION DOCUMENTS

ISSUE DATE: JUNE 4, 2024

SHEET TITLE: EXISTING TREE DISPOSITION PLAN

SHEET: L-01