TREE MITIGATION NOTES:	SEE LA-100 FOR REMOVAL/RELOCATE

SPECIMEN TREE - MITIGATE 2X CALIPER (DBH) REMOVED
<18" DBH TREE - MITIGATE 2X CANOPY REMOVED
SPECIMEN FRUIT & PALM TREES - MITIGATE ONE TREE 3" DBH, 14' TALL
EXOTIC (INVASIVE) TREE - REMOVE WITH NO MITIGATION REQUIRED

TREE MITIGATION CALCULATIONS:

SPECIMEN TREES TO BE REMOVED: 2 (#32 & #33)
#32 MANDARIN, MITIGATION REQUIRED: 1 TREE, 1 TREE PROVIDED
#33 LIVE OAK DBH TO BE REMOVED: 24" DBH
TOTAL MITIGATION REQUIRED: 24" X 2 = 48" DBH
48" / 4" = 12 REPLACEMENT TREES @ 4" DBH X 12' TALL

SITE SHADE TREE CALCULATIONS	TABLE 6-1 AND SEC. 6.1(d)3(a)
REQUIRED SHADE TREES 17 (0.9 ACRE X 18)	PROVIDED SHADE TREES 37 (SEE ITEMIZATION BELOW)
ALLOWED PALM TREES AS SHADE TREES 5 (30% OF 17)	PROVIDED PALMS AS SHADE TREES 2 (5 PALMS = 2 SHADE TREES)
35 SHADE TREES 2 SHADE TREES (5 PALMS)	18 LIVE OAK (14 EXISTING PLUS 4 NEW) 12 GUMBO LIMBO 3 BOTTLEBRUSH 2 TAMARIND 2 (AS 5 COCONUT PALMS) 37 SHADE TREES PROVIDED
REQUIRED NATIVE TREES 6 (30% X 17)	PROVIDED NATIVE TREES 32 (SEE SCHEDULE)

ONLY 4 OAK TREES AS MITIGATION TREES DUE TO EXISTING CANOPY LIMITATIONS, SO AS TO NOT PLANT UNDER EXISTING CANOPY.

STREET TREE CALCULATIONS	SEC. 6.1(d)3(b)
REQUIRED STREET TREES SW 63 AVE 6 (177.85' / 30' O.C.)	PROVIDED STREET TREES 2 (1 NEW + 1 EXISTING)
REQUIRED STREET TREES SW 132 ST 6 (165.85' / 30' O.C.)	PROVIDED STREET TREES 2 (2 NEW)
TOTAL STREET TREES PROVIDED:	4 (3 NEW + 1 EXISTING)

NEW STREET TREES ONLY LOCATED WHERE CLEAR OF EXIST. CANOPY PER TREE REMOVAL/ZONING REVIEW COMMENTS.

TREES PROVIDED

7 NEW TREES (3 ARE STREET TREES & 0 ARE EC TREES)
5 NEW PALMS
32 EXISTING TREES
0 EXISTING TREES RELOCATED
44 TREES TOTAL

SHRUB CALCULATIONS	SEC. 6.1(d)4
REQUIRED SHRUBS 170 (10 X 17 TREES REQ.)	PROVIDED SHRUBS 441 (259%)
REQUIRED NATIVE SHRUBS 57 (30%)	PROVIDED NATIVE SHRUBS 114 (67%)
GREEN AREA REQUIRED MIN. (55%)	21,721 SQUARE FEET
GREEN AREA PROVIDED (69%)	26,874 SQUARE FEET
WATER BODIES	N/A

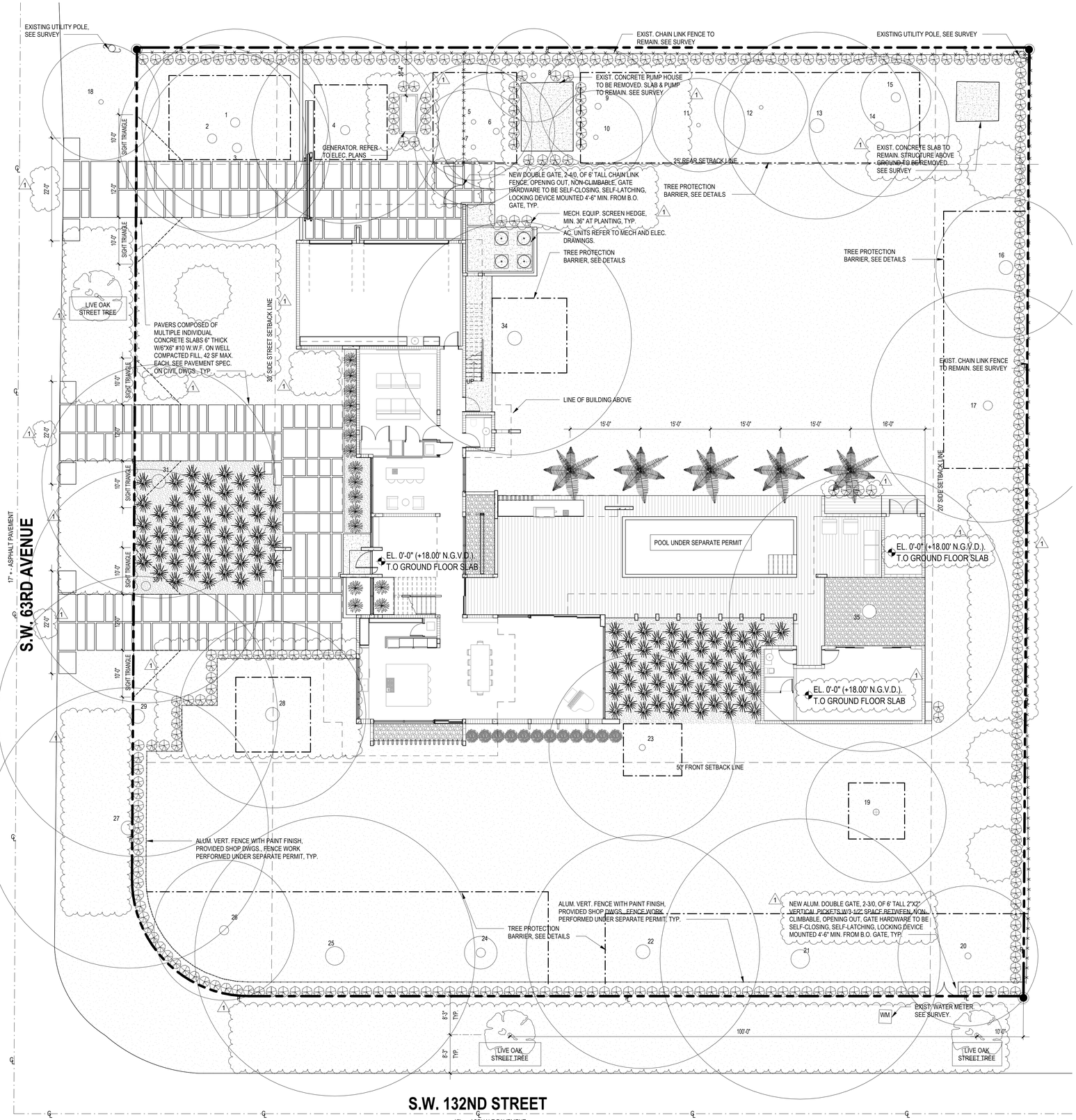
*FOR LANDSCAPING NOTES AND DETAILS SEE SHEET LA-102

LANDSCAPE LEGEND

	COMMON NAME	SCIENTIFIC NAME	NATIVE	SIZE AT PLANTING	QTY
NEW TREES	COCONUT PALM	COCOS NUCIFERA	NON - NATIVE	3" DBH X 14' TALL	5
	LIVE OAK NOTE: PROVIDE TREE FORM W/SINGLE TRUNK TO 4 FT. MAINTAIN AS A TREE; DO NOT CUT TO SHRUB FORM.	QUERCUS VIRGINIANA	NATIVE	4" DBH X 12' TALL	4
	LIVE OAK NOTE: PROVIDE TREE FORM W/SINGLE TRUNK TO 4 FT. MAINTAIN AS A TREE; DO NOT CUT TO SHRUB FORM.	QUERCUS VIRGINIANA	NATIVE	3" DBH X 14' TALL	3 STREET TREES
SHRUBS & GROUND COVERS	PODOCARPUS	PODOCARPUS MACROPHYLLUS	NON-NATIVE	MIN. 24" TALL	313
	FAKAHATCHEE	TRIPSACUM DACTYLOIDES	NATIVE	MIN. 18" TALL	12
	BOUGAINVILLEA	BOUGAINVILLEA SPECTABILIS	NON-NATIVE	MIN. 18" TALL	14
	MUHLY GRASS	MUHLENBERGIA CAPILLARIS	NATIVE	MIN. 18" TALL	102
SOD/ROCKS/MULCH	WHITE RIVER ROCK	-	-	1-3"	323 SF
	ST. AUGUSTINE CITRABLUE SOD	STENOTAPHRUM SECUNDATUM			31,400 SF (INCL. R.O.W.)
	MULCH	-	-	-	2,600 SF

EXISTING TREE SCHEDULE

TREE NO.	COMMON NAME	BOTANICAL NAME	NATIVE	SPECIMEN	DBH	HEIGHT	SPREAD	STATUS	REMOVAL CATEGORY
1	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	24"	40'	40'	REMAIN	N/A
2	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	24"	40'	40'	REMAIN	N/A
3	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	24"	40'	40'	REMAIN	N/A
4	OAK TREE	QUERCUS	YES	YES	24"	40'	40'	REMAIN	N/A
5	GUMBO LIMBO	BURSEA SIMARUBA	YES	NO	12"	30'	25'	REMAIN	N/A
6	GUMBO LIMBO	BURSEA SIMARUBA	YES	NO	16"	30'	25'	REMAIN	N/A
7	GUMBO LIMBO	BURSEASIMARUBA	YES	NO	12"	30'	25'	REMAIN	N/A
8	BOTTLEBRUSH	CALLISTEMON	NO	NO	12"	30'	20'	REMAIN	N/A
9	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	16"	30'	25'	REMAIN	N/A
10	GUBMO LIMBO	BURSEA SIMARUBA	YES	NO	12"	25'	20'	REMAIN	N/A
11	BOTTLEBRUSH	CALLISTEMON	NO	NO	10"	20'	20'	REMAIN	N/A
12	BOTTLEBRUSH	CALLISTEMON	NO	NO	10"	20'	20'	REMAIN	N/A
13	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	36"	30'	40'	REMAIN	N/A
14	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	24"	40'	30'	REMAIN	N/A
15	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	24"	40'	15'	REMAIN	N/A
16	GUMBO LIMBO	BURSEA SIMARUBA	YES	YES	36"	40'	30'	REMAIN	N/A
17	OAK TREE	QUERCUS	YES	YES	24"	50'	50'	REMAIN	N/A
18	OAK TREE	QUERCUS	YES	NO	12"	30'	25'	REMAIN	N/A
19	OAK TREE	QUERCUS	YES	NO	16"	40'	30'	REMAIN	N/A
20	OAK TREE	QUERCUS	YES	NO	16"	40'	30'	REMAIN	N/A
21	OAK TREE	QUERCUS	YES	YES	48"	60'	60'	REMAIN	N/A
22	OAK TREE	QUERCUS	YES	YES	36"	60'	50'	REMAIN	N/A
23	OAK TREE	QUERCUS	YES	NO	16"	40'	40'	REMAIN	N/A
24	SOUTHERN OAK	QUERCUS VIRGINIANA	YES	YES	24"	50'	7'	REMAIN	N/A
25	OAK TREE	QUERCUS	YES	YES	48"	60'	60'	REMAIN	N/A
26	OAK TREE	QUERCUS	YES	YES	24"	30'	30'	REMAIN	N/A
27	TAMARIND	TAMARINDUS INDICA	NO	YES	36"	60'	60'	REMAIN	N/A
28	OAK TREE	QUERCUS	YES	YES	36"	40'	40'	REMAIN	N/A
29	TAMARIND	TAMARINDUS INDICA	NO	YES	36"	60'	60'	REMAIN	N/A
30	OAK TREE	QUERCUS	YES	YES	24"	60'	50'	REMAIN	N/A
31	OAK TREE	QUERCUS	YES	YES	36"	60'	50'	REMAIN	N/A
32	MANDARIN	CITRUS RETICULATA	NO	YES	24"	30'	30'	REMOVE	INTERFERES W/ DRIVEWAY
33	OAK TREE	QUERCUS	YES	YES	24"	50'	50'	REMOVE	INTERFERES W/ BLDG SITE
34	OAK TREE	QUERCUS	YES	YES	36"	50'	50'	REMAIN	N/A
35	OAK TREE	QUERCUS	YES	YES	36"	50'	50'	REMAIN	N/A



LANDSCAPE PLAN

3/32" = 1'-0"

#26000522

MATEU

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305.233.3304 DESIGN@MATEU.CO

ARCHITECTURE INTERIOR DESIGN PLANNING

SEAL:

Roney J. Mateu
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RONEY J. MATEU, FAIA
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G.F. CONSULTING ENGINEERS, INC.
STRUCTURAL ENGINEERING
13170 SW 128 STREET, SUITE 204
MIAMI, FLORIDA 33186

JMM CONSULTING ENGINEERS
MECH., ELEC., PLUMB. ENGINEERING
10251 SUNSET DRIVE, SUITE 103
MIAMI, FLORIDA 33173

CARLAB, INC.
CIVIL ENGINEERING
8730 SW 25 STREET
MIAMI, FLORIDA 33165

CARLOS MAURICIO & FERNANDA ROCA
MA 2405
13125 SW 63 AVENUE
PINECREST, FLORIDA 33156

CASA @ 63RD AVENUE

NEW SINGLE-FAMILY RES.
EU-1 RESIDENTIAL ESTATE

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PHASE
Project Status

FILE NAME:
M:\2405 Casa Pir Fernandal_CD\MODEL\ARCH\Casa on 63rd ave_RVM.rvt

PROJECT NO:
MA 2405

DRAWN BY:
DY

CHECKED BY:
RJM

ISSUE DATE:
11/14/24

REVISIONS
1 12/10/24 Bldg. Dept. Comments

SHEET TITLE
LANDSCAPE PLAN

SHEET: LA-101 OF: