

PRELIMINARY LANDSCAPE PLAN SCALE: 3/32"=1'-Ø"

CITY OF MIAMI BEACH LANDSCAPE LEGEND

COMMON NAME

GUMBO LIMBO

PIGEON PLUM

LIVE OAK

CRAPE MYRTLE

ROYAL PALM

DWARF CLUSIA

PODOCARPUS

COONTIE

BRAZILIAN BEAUTYLEAF

CANARY ISLAND DATE

INFERNO COPPERLEAF

DWARF BOUGAINVILLEA

ST. AUGUSTINE FLORATAM \triangle * SOLID SOD

ST. AUGUSTINE FLORATAM \triangle % SOLID SOD

A NATIVE

1. ALL PLANT MATERIAL SHALL BE GRADED FLORIDA #1 OR BETTER, AS DEFINED IN THE GRADES AND STANDARDS

\$ 10% SHEEP MANURE. TWO LBS. OF FERTILIZER SHALL BE ADDED TO EACH CUBIC YARD OF SOIL \$ THOROUGHLY

LARGE SHRUBS (OVER 10 GAL.) AND SMALL PALMS FOR 180 DAYS, JAND B4B MATERIAL FOR 360 DAYS PROVIDED

Note: Acts of God (Hurricanes) and other causes beyond the control of the landscape contractor are not covered.

INSTALLATION, UNLESS OWNER OR GC REQUIRES CONSTRUCTION PHASING BEYOND CONTROL OF THE INSTALLER. 16. WATERING IS THE RESPONSIBILITY OF THE INSTALLER DURING THE INSTALLATION PHASE UNTIL FINAL ACCEPTANCE. 17. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THEIR WORK WITH THE IRRIGATION CONTRACTOR.

18. LANDSCAPE CONTRACTOR IS RESPONSIBLE TO ASSURE IRRIGATION INSTALLATION IS PROPERLY PROGRESSING AND

IN THE END ADEQUATE FOR GOOD GROWTH. THE OWNER OR GC MUST BE NOTIFIED IN WRITING OF ANY PROBLEMS

19. ANY EXISTING IRRIGATION TO BE RE-USED (IF APPLICABLE) IS TO BE BROUGHT TO A GOOD FUNCTIONING STANDARD

21. DEEPROOT PANELS TO BE PLACE ALONG PERIMTER OF ALL LANDSCAPE ISLANDS THAT CONTAIN GUMBO LIMO TREES.

20. AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED FOR ALL LANDSCAPE AREAS. THIS IS

MIXED. PLANTING SOIL SHALL HAVE A PH OF BETWEEN 6.0 \$ 7.0 AFTER MIXING \$ ADDITION OF FERTILIZER. 11. TOPSOIL MIX SHALL CONSIST OF 80% SAND \$ 20% MUCK THOROUGHLY MIXED WITH A COMMERCIAL SHREDDER.

THAT PLANT MATERIAL IS RECEIVING PROPER MAINTENANCE PRESCRIBED BY LANDSCAPE CONTRACTOR.

FOR NURSERY PLANTS, PART I AND II BY THE STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE.

DROUGHT TOLERANCE & ORIGIN:

** VERY DROUGHT TOLERANT

* MODERATE DROUGHT TOLERANCE

SMALL TREES PROVIDED x 50% =

QTY.KEY BOTANICAL NAME

3 BS BURSERA SIMARUBA

3 QV QUERCUS VIRGINIANA

5 RE ROYSTONEA ELATA

55 AW ACALYPHA WILKESIANA

15 PM PODOCÁRPUS MÁCROPHYLLUS

TO BE DETERMINED

*INSIDE PROPERTY LINE

IN ROW OF WAY AREA

TRIANGULAR SPACING GAL, GALLON

EASEMENTS PRIOR TO THE INSTALLATION OF PLANT MATERIAL.

MIX SHALL BE FREE OF ROCKS, LIMBS, ROOTS & OTHER MATTER.

TREES SHALL NOT BE PLANTED ON TOP OF IRRIGATION LINES.

TO ENSURE PROPER WATERING OF ALL PLANT MATERIAL.

WITH IRRIGATION PHASING OR PERFORMANCE.

DESIGNED FOR "HEAD TO HEAD" COVERAGE.

MINIMUM 2' DEPTH PANELS TO BE USED.

PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST.

RECOMMENDED BY MANUFACTURER.

SPECIES AT NO COST TO OWNER.

44 CG / CLUSIA GUTTIFERA

42 ZP) ZAMIA PUMILA

GROUNDCOVERS:

ABBREVIATIONS:

STG.

OA.HT. OVERALL HEIGHT

STAGERRED

SINGLE ROW

SINGLE TRUNK DOUBLE TRUNK

2 CB CALOPHYLLUM BRASILIENSE

5 CD COCCOLOBA DIVERSIFOLIA

5 CES CONOCARPUS ERECTUS 'SERICEUS' SILVER BUTTONWOOD

118 CES CONOCARPUS ERECTUS 'SERICEUS' SILVER BUTTONWOOD

MIN, MINIMUM

STD. STANDARD O.C. ON CENTER

G.W. GREY WOOD

PLANT LIST

TREES:

PALMS:

SHRUBS:

LARGE SHRUBS:

		WATER:
ZONING:R6-4	NET LOT AREA: 16,256 S.F. ACRES <u>0.31</u>	ALL NEW TREES TO BE ON A AUTOMATED IRRIGATION SYSTEM WITH RAIN SENSOR.
LANDSCAPE OPEN AREA A. FRONT LANDSCAPE (35% OF THE REQ. FRONT SETBACK) =	REQUIRED PROVIDED	SENSOR. IST MONTH WATER EVERYDAY 2ND. THROUGH 6TH MONTHS - EVERY OTHER DAY. 1TH THROUGH COMPLETE YEAR - 2 TIMES A WEEK.
B. SIDE (STREET) LANDSCAPE 35% OF THE REQ. TREET SETBACK) =	<u>N/A</u> <u>N/A</u>	NOTE: ADJUST IRRIGATION DURATION TIMES TO ENSURE THAT TREE'S ROOT BALL IS COMPLETELY SATURATED WITH WATER
C. REAR LANDSCAPE (10% OF THE REQ. REAR SETBACK) =		IRRIGATION WATER FREQUENCY AND DURATIONS MAY VARY DUE TO TIME
LAWN AREA CALCULATIONS	🌣	OF YEAR AND CLIMATE CONDITIONS.
A. MAXIMUM LAWN AREA (SOD) PERMITTED = $50\% \times 16,256#$ =	8,128# (3,625#)	FERTILIZER:
TREES		USE A PALM SPECIAL FERTILZER, 8-2-12, FROM ATLANTIC FERTILIZER, 1 LBS. PER INCH CALIPER OF TREE EVERY 3 MONTHS.
A. NUMBER OF TREES REQUIRED PER LOT:	A	MULCH:
$\underline{4}$ TREES PER LOT (2 IN BACK, 2 IN FRONT) + $\underline{12}$ ADDITIONAL TREES (1 TREE RIEVERY 1,000# OVER 6,000#) = $\underline{16}$ TOTAL LOT TREES	EQ. FOR 15	INSPECT AND REPLACE MULCH AFTER 6 MONTHS WITH APPROVED FLORIMULCH,
B. % NATIVES REQUIRED: NUMBER OF TREES REQUIRED x 30% =	_7	EUCALYPTUS OR MELALEUCA MULCH ONLY. NO RED COLORED OR CYPRESS MULCH TO BE USED.
C. % LOW MAINTENANCE / DROUGHT AND SALT TOLERANT REQUIRED: NUMBER OF TREES REQUIRED x 50% =	11 21	TRIMMING & PRUNING:
D. STREET TREES (MAXIMUM AVERAGE SPACING OF 20' o.c.) 120 LINEAR FEET ALONG STREET DIVIDED BY 20' =	6 2 EX. + 4 NEW	PRUNE ONLY CRITICAL BRANCHES (DEAD OR BROKEN)
E. STREET TREE SPECIES ALLOWED DIRECTLY BENEATH POWER LINES: (MAXIMUM AVERAGE SPACING OF 20' o.c.); N/A LINEAR FEET ALONG STREET DIVIDED BY 20' =	<u>N/A </u>	STAKING AND BRACING: INSPECT ALL TREE TIES AND STAKING AND ADJUST AS NEEDED. REMOVE ANY STAKING MATERIAL THAT IS IN CONTACT WITH TREE AFTER A PERIOD OF NO MORE THAN 6
SHRUBS		MONTHS AFTER INITIAL PLANTING AS THE TREE SHOULD BE WELL ESTABLISHED BY THEN.
A. NUMBER OF SHRUBS REQUIRED: SUM OF LOT AND STREET TREES \times 12 =	264 (264)	
B. % NATIVE SHRUBS REQUIRED: NUMBER OF SHRUBS REQUIRED $ imes$ 50 % =	<u>126 (160)</u>	
LARGE SHRUBS OR SMALL TREES A. NUMBER OF LARGE SHRUBS OR SMALL TREES REQUIRED: NUMBER OF REQUIRE	=D SHRUBS × 10% = 27 44 A	

D.T. SIZE & REMARKS

△** MIN. 16' HT. x 8' SP. x 4" DBH, F.G

 \triangle ** MIN. 12' HT. \times 2" DBH, STD., F.G

** MIN. 10' G.W., MATCHED, F.G.

△ * MIN. 25' OA.HT., MATCHED, F.G.

△** MIN. 6' HT., 30" O.C., FULL

** 7 GAL., 30" O.C., S.R.

** 3 GAL., 24" O.C., T.S.

Δ** 3 GAL, 24" O.C., S.R.

△** 3 GAL., 24" O.C., T.S.

, * *, 1 GAL, 24", O.C., S.R.)

** MIN. 12' HT. x 6' SP. x 2'' DBH, 4' C.T., F.G.,

 \triangle ** MIN. 12" HT. \times 2" DBH, MALE SPECIES, F.G

Δ** MIN. 16' HT. x 8' SP. x 4" DBH, 5' C.T., F.G.,

** MIN. 8' HT. , MULTI-TRUNK, RED FLOWERS., F.G.

No.	REVISIONS	BY
1	REVIEW COMMENTS	LMLH
2	REVIEW COMMENTS	LMLH

-: N O T I C E : -SPONSIBILITY TO WORK TOGETHER WITH ALL THE ARCHITECTS & THE ENGINEERS

FERNANDE, ONEW RESIDENCE OF THE SIDENCE OF THE

Digitally signed by Laura M. Llerena-Hernandez DN: c=US, st=Florida, M. Llerena-Hernandez, Hernand a-associates.com

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DESIGNING BEAUTIFUL SPACES



DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE LANDSCAPE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY OWNER ON OTHER PROJECTS EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE LANDSCAPE ARCHITECT.



NEW TREE - 1 YEAR MAINTENANCE PLAN



SHEET No. ___ CHECKED APRIL 2021 SCALE JOB No.