

0 Stump

1 Tree

1 Tree

Moderate

Moderate

Moderate

Total to Mitigate (in)

19"-24"

25"-30"

37"-42"

43"-48"

49"-60" x 1

**TOTAL:** 92"

.+ 2 palm/tree

31"-36" x 1

12 x 1 = 12

20 x 1 = 20

Provided: 0

Total: 32 Trees + 3 palm/tree= 35 trees

shall be permitted within the dripline of the trees.

TREES

PALMS

TREE DISPOSITION SUMMARY

REMAIN REMOVE

RELOCATE

Tree / Palm

19 Washingtonia spp.

20 Washingtonia spp.

Washingtonia spp.

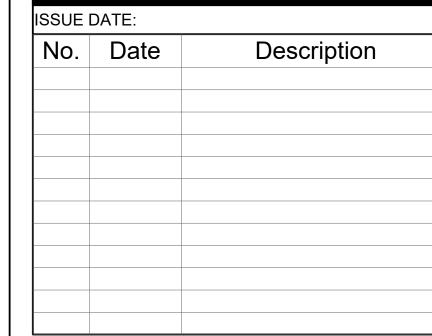
22 Swietenia mahagoni Mahogany

23 Swietenia mahagoni Mahogany

Washingtonia Palm

Washingtonia Palm

Washingtonia Palm



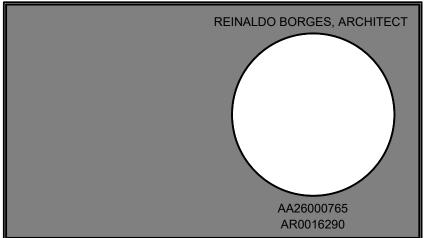
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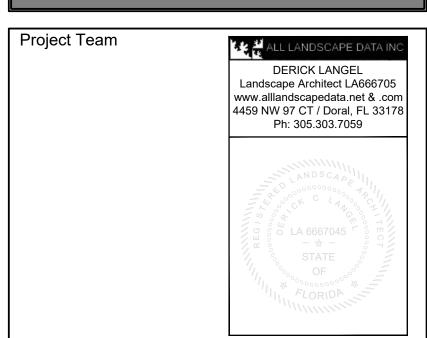
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# borges/architects + associate

architecture urban-planning interior-design

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## Project Name

# SINGLE FAMILY RESIDENCE

4230 NORTH BAY ROAD Miami Beach, FL 33140

Project Number 219500

Drawing Name

or 6 x 1 = 6

or 10 x 1 = 10

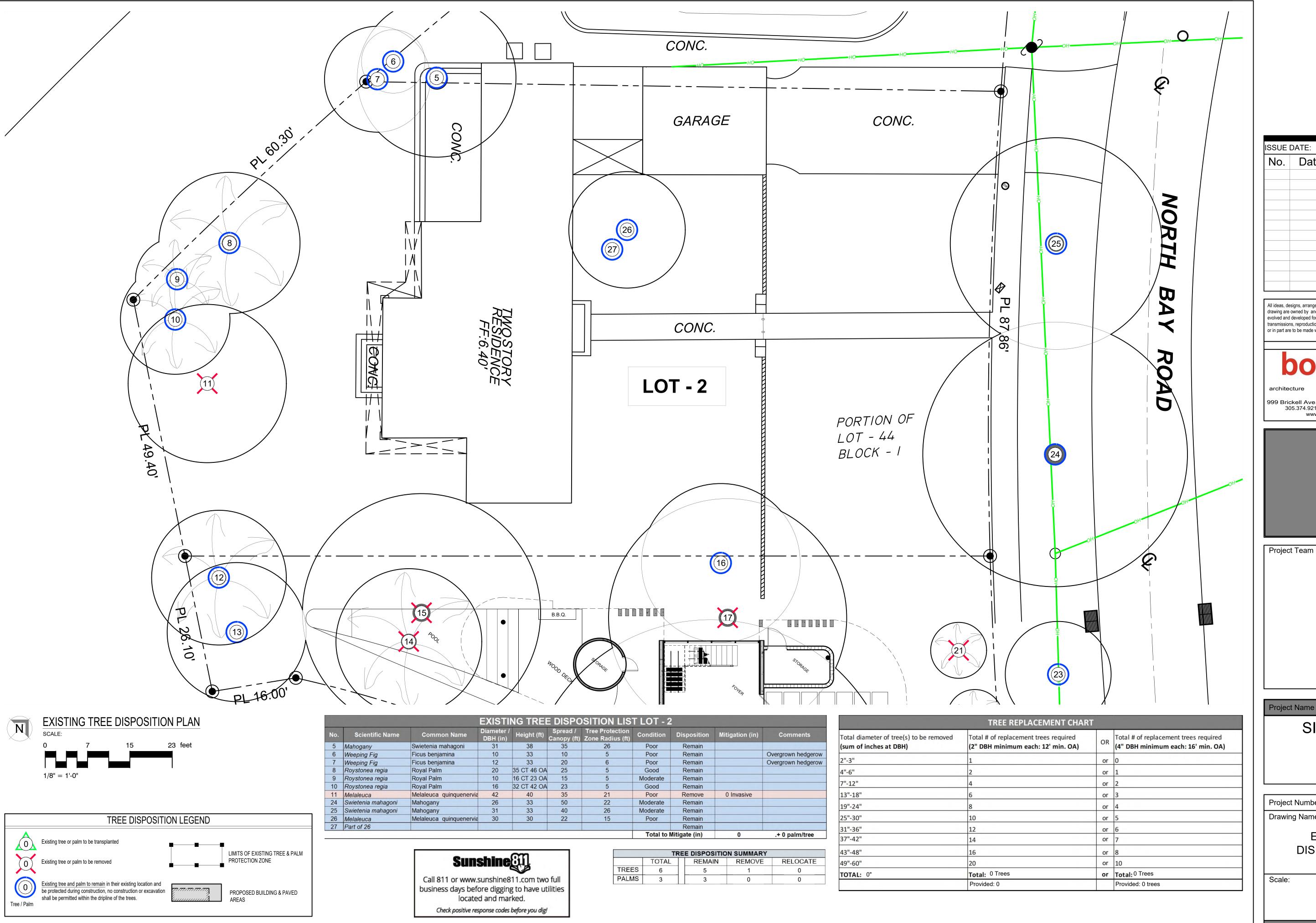
Provided: 9 trees

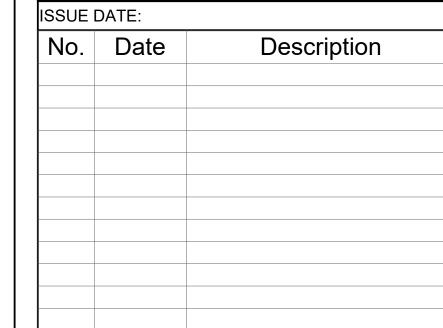
or | Total: 16 Trees + 2 palm/tree

EXISTING TREE DISPOSITION LOT - 1

Scale: Drawing Number

**L-01A** 

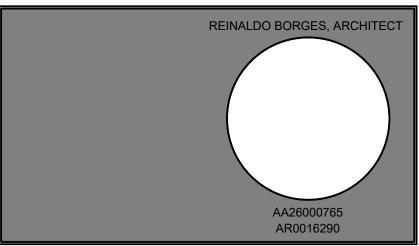


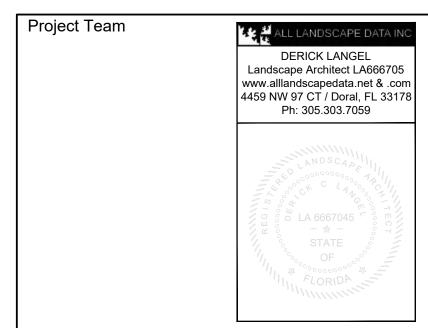


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## SINGLE FAMILY RESIDENCE

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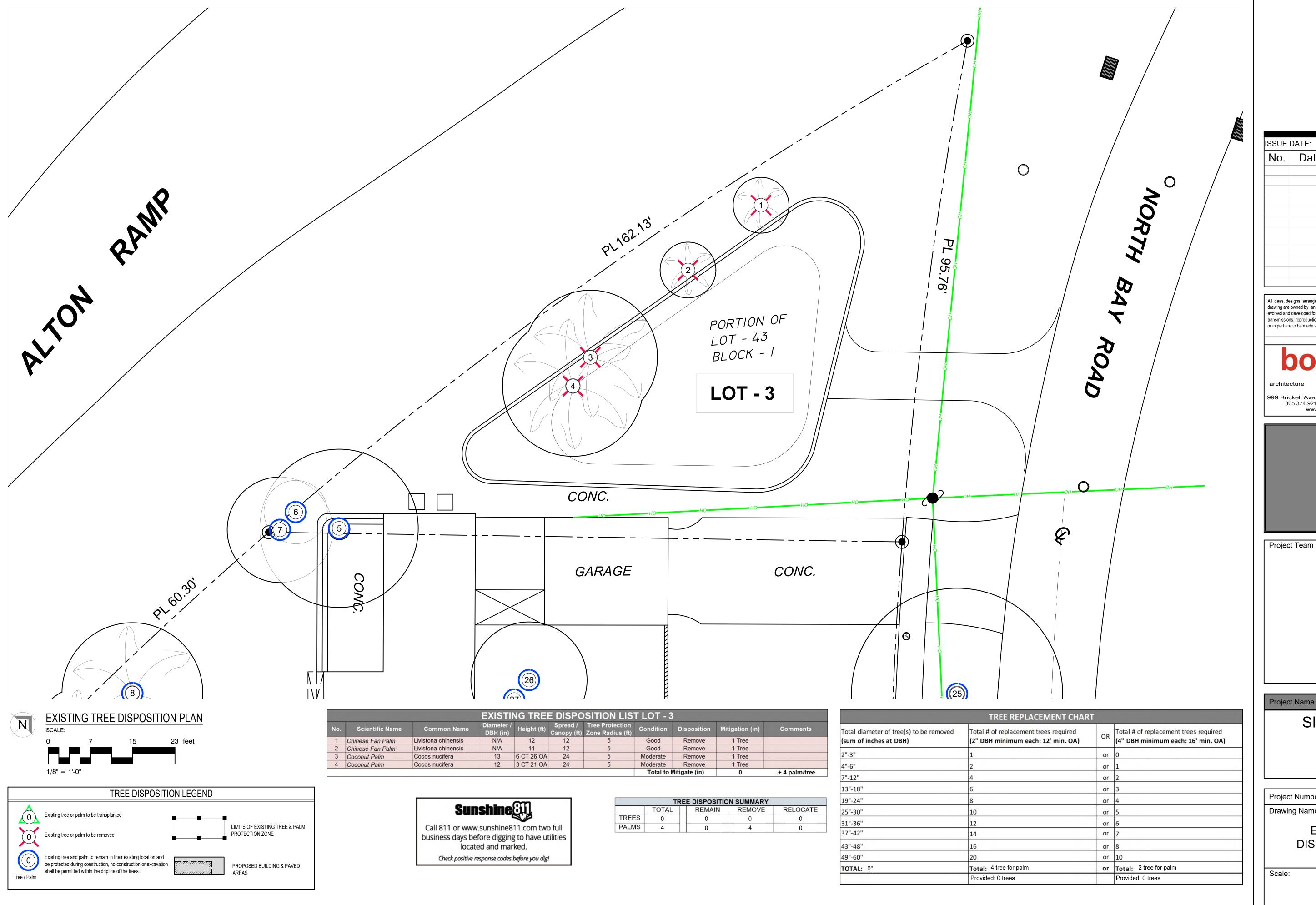
Project Number 219500

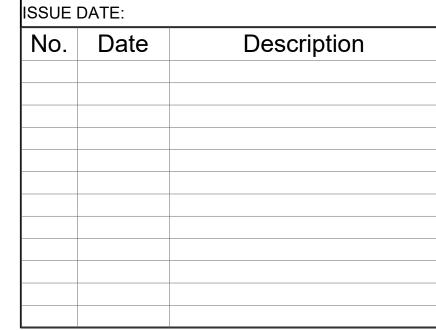
Drawing Name

**EXISTING TREE** DISPOSITION LOT - 2

Drawing Number

**L-01B** 

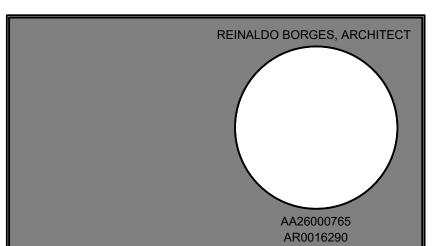


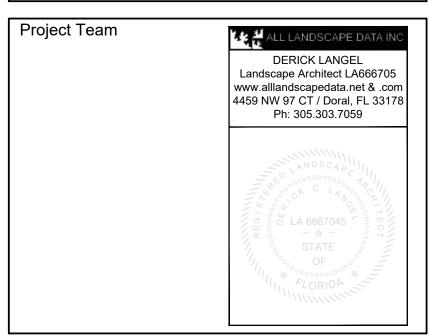


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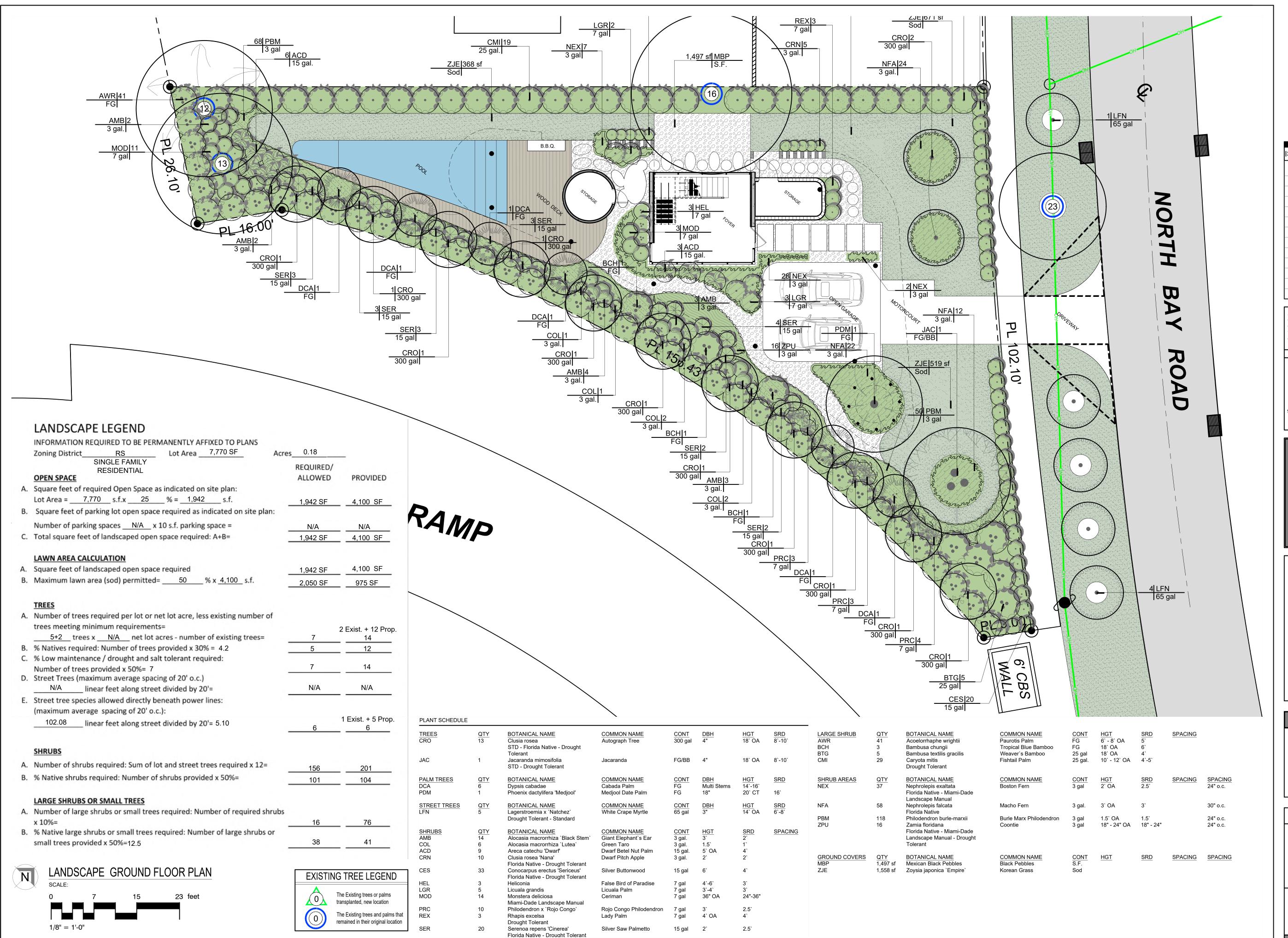
Project Number 219500

Drawing Name

**EXISTING TREE** DISPOSITION LOT - 3

Drawing Number

L-01C



No.	Date	Description
		<u> </u>

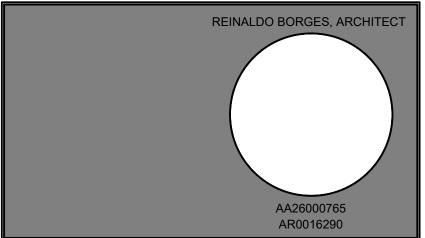
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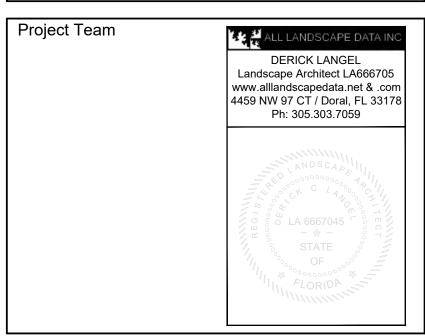
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## SINGLE FAMILY RESIDENCE

4230 NORTH BAY ROAD Miami Beach, FL 33140

Project Number	219500			
Drawing Name				
LANDSCAPE PLAN				
Scale:	cale: Drawing Number			

**L-02** 



PLANT SCHEDULE										
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>DBH</u>	<u>HGT</u>	<u>SRD</u>		REMARKS
$\overline{}$	CRO	13	Clusia rosea	Autograph Tree	300 gal	4"	18` OA	8`-10`		STD - Florida Native - Drought Tolerant
	JAC	1	Jacaranda mimosifolia	Jacaranda	FG/BB	4"	18` OA	8`-10`		STD - Drought Tolerant
PALM TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>DBH</u>	<u>HGT</u>	<u>SRD</u>		REMARKS
 - Company of the Comp	DCA	6	Dypsis cabadae	Cabada Palm	FG	Multi Stems	14`-16`			
	PDM	1	Phoenix dactylifera 'Medjool'	Medjool Date Palm	FG	18"	20' CT	16`		
STREET TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>DBH</u>	<u>HGT</u>	<u>SRD</u>		REMARKS
	LFN	5	Lagerstroemia x `Natchez`	White Crape Myrtle	65 gal	3"	14` OA	6`-8`		Drought Tolerant - Standard
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HGT</u>	SRD	SPACING		REMARKS
	AMB	14	Alocasia macrorrhiza `Black Stem`	Giant Elephant`s Ear	3 gal.	3,	2`			
	COL	6	Alocasia macrorrhiza `Lutea`	Green Taro	3 gal.	1.5`	1`			
	ACD	9	Areca catechu 'Dwarf'	Dwarf Betel Nut Palm	15 gal.	5` OA	4`			
$\bigcirc$	CRN	10	Clusia rosea 'Nana'	Dwarf Pitch Apple	3 gal.	2`	2`			Florida Native - Drought Tolerant
	CES	33	Conocarpus erectus 'Sericeus'	Silver Buttonwood	15 gal	6,	4`			Florida Native - Drought Tolerant
$\odot$	HEL	3	Heliconia	False Bird of Paradise	7 gal	4`-6`	3`			
	LGR	5	Licuala grandis	Licuala Palm	7 gal	3`-4`	3,			
Reanauth Standard	MOD	14	Monstera deliciosa	Ceriman	7 gal	36" OA	24"-36"			Miami-Dade Landscape Manual
	PRC	10	Philodendron x `Rojo Congo`	Rojo Congo Philodendron	7 gal	3,	2.5`			
	REX	3	Rhapis excelsa	Lady Palm	7 gal	4` OA	4`			Drought Tolerant
	SER	20	Serenoa repens 'Cinerea'	Silver Saw Palmetto	15 gal	2`	2.5`			Florida Native - Drought Tolerant
LARGE SHRUB	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HGT</u>	SRD	SPACING		REMARKS
	AWR	41	Acoelorrhaphe wrightii	Paurotis Palm	FG	6` - 8` OA	5`			
	ВСН	3	Bambusa chungii	Tropical Blue Bamboo	FG	18` OA	6`			
	BTG	5	Bambusa textilis gracilis	Weaver`s Bamboo	25 gal	18` OA	4`			
	CMI	29	Caryota mitis	Fishtail Palm	25 gal.	10` - 12` OA	4`-5`			Drought Tolerant
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	<u>HGT</u>	<u>SRD</u>	SPACING	SPACING	REMARKS
	NEX	37	Nephrolepis exaltata	Boston Fern	3 gal	2` OA	2.5`		24" o.c.	Florida Native - Miami-Dade Landscape Manual
7 / a / 3 / 3 / a / 3 / a / a / a / a / a	NFA	58	Nephrolepis falcata	Macho Fern	3 gal.	3` OA	3,		30" o.c.	Florida Native
	PBM	118	Philodendron burle-marxii	Burle Marx Philodendron	3 gal	1.5` OA	1.5`		24" o.c.	
	ZPU	16	Zamia floridana	Coontie	3 gal	18" - 24" OA	18" - 24"		24" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
GROUND COVERS	CODE	<u>QTY</u>	BOTANICAL NAME	COMMON NAME	CONT	<u>HGT</u>	<u>SRD</u>	SPACING	SPACING	REMARKS
	MBP	1,497 sf	Mexican Black Pebbles	Black Pebbles	S.F.					
	ZJE	1,558 sf	Zoysia japonica `Empire`	Korean Grass	Sod					

ISSUE	DATE:	
No.	Date	Description

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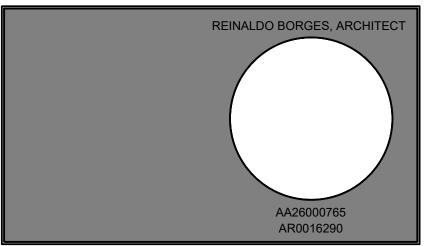
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eam	ALL LANDSCAPE DATA INC
	DERICK LANGEL Landscape Architect LA666705 www.alllandscapedata.net & .com 4459 NW 97 CT / Doral, FL 33178 Ph: 305.303.7059
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### Project Name

# SINGLE FAMILY RESIDENCE

4230 NORTH BAY ROAD Miami Beach, FL 33140

Project Number 219500

Drawing Name

LANDSCAPE IMAGES

Scale:

Drawing Number

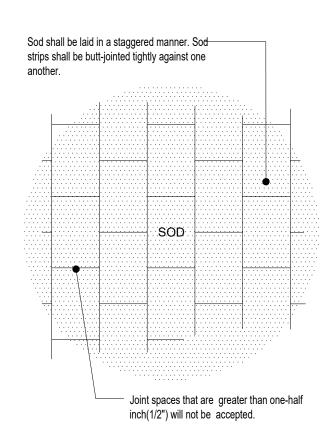
**L-03** 

### **GENERAL NOTES**

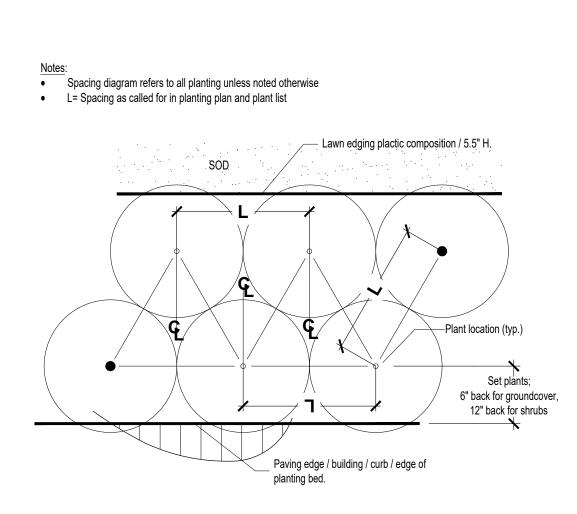
- 1. Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All Utility companies and/or the General Contractor shall be notified to verify utility locations prior to digging. Utility trenching is to be coordinated with the Landscape plans prior to beginning of project. The Owner or Landscape Architect shall not be responsible for damage to utility or irrigation lines.
- 2. Landscape Contractor shall examine the site and become familiar with conditions affecting the installation prior to submitting bids. Failure to do so shall not be considered cause for future extras or complaints.
- 3. Landscape Contractor is responsible for verifying all plant quantities prior to bidding and within (7) seven calendar days of receipt of these plans shall notify the Landscape Architect in writing of any and all discrepancies. In case of discrepancies planting plans shall take precedence over plant list.
- 4. No substitutions shall be made without prior consent of the Landscape Architect, City Urban Forester and or the Planning Department. Plant material supply is the responsibility of the Landscape Contractor, and he/she shall take steps to insure availability
- 5. All plant material shall meet or exceed the size on the plant list. In all cases meeting the height and the spread specifications shall take precedence over container size.
- 6. The Landscape Contractor is responsible for coordinating tree and palm removals and transplants shown on the Tree/Palm Disposition Plan. The Landscape Contractor is to remove and discard from site existing unwanted trees, palms, shrubs, groundcovers, sod and weeds within landscape areas.
- 7. All planted areas to be outfitted with automatic irrigation system providing 100% coverage and 50% overlap. A rain sensor must be
- 8. Landscape contractor to provide finish grade 3" lower than FFE of all hardscapes, i.e. roads, walks, curbs, pavers, etc....., to
- accommodate 3" layer of mulch. 9. All tree and Palm relocations shall be performed in accordance with ANSI A-300 (Part 6) standards and industry accepted good horticultural practices by an ISA Certified Arborist or ASCA Consulting Arborist.

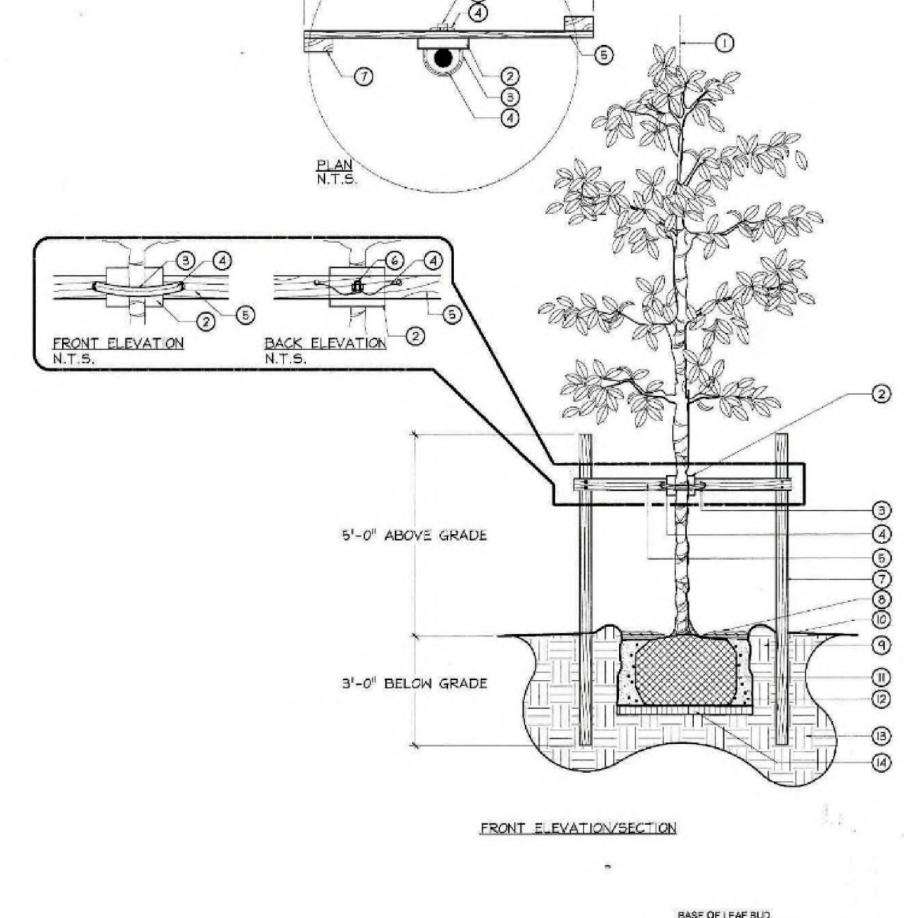
### **PLANTING NOTES**

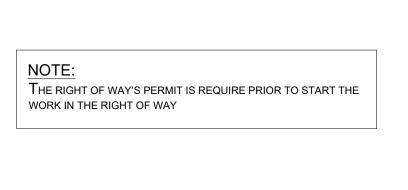
- 1. Landscape Contractor shall furnish and install all trees, palms, shrubs, groundcover, sod, planting soil, fertilizer, herbicide, preemergence herbicide, seed, and mulch.
- 2. Landscape Contractor shall guarantee all plant material for a period of one year from the day of final acceptance by the Landscape
- 3. All plant material shall be Florida #1 or better, as defined in the Grades and Standards for Nursery Plants, Part I and II by the State of Florida Department of Agriculture.
- 4. Material not meeting Florida #1 or better will not be accepted, Landscape Architect, City Urban Forester and or the Planning
- Department staff to approve ROW material before it is planted. 5. Landscape Contractor shall coordinate his work with that of the Irrigation and Landscape Lighting Contractor.
- 6. The Landscape Contractor shall treat plant areas with preemergence herbicide after weeds and grass have been removed. Landscape Contractor shall wait (7) seven days after preemergence treatment prior to planting.
- 7. Planting soil shall be a mix of 30% inland muck and 70% freshwater sand. Planting soil mix/backfill shall be clean and free of construction debris, weeds, rock and noxious pests and disease.
- 8. All soil mix in plant beds for groundcovers, shrubs, palms and trees shall be as per details. All other areas shall be dressed with a minimum of 4" topsoil.
- 9. All planting areas and planting pits shall be tested for sufficient percolation prior to final planting and irrigation installation to ensure proper drainage. Plant beds in parking lots and in areas compacted by heavy equipment shall be de-compacted so that drainage is
- 10. All synthetic burlap, string, cords or wire baskets shall be removed before trees are planted. All synthetic tape shall be removed from branches and trunks prior to final acceptance. The top 1/3 of the burlap shall be removed or tucked into the plant pit before the trees are backfilled.
- 11. Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Environmulch immediately after planting. In no case shall Cypress or red mulch be used. Mulch shall not be applied within 6" of any tree or palm trunk that are installed or incorporated into the project.
- 12. All Trees/Palms in sod areas are to receive a 36"/48" diameter mulched saucer at the base of the trunk respectively.
- 13. Landscape Contractor shall guy and stake all trees and palms as per specifications and details. No nails, screws or wiring shall penetrate the outer surface of trees and palms. All guying and staking shall be removed twelve months after planting. Exceptions require written authorization from the City Urban Forester.
- 14. All palm and tree guy wires and bracing are to be flagged for visibility, for their duration. All unattended and unplanted tree pits shall be properly barricaded and flagged during construction.
- 15. All broken branches and clear trunk branches on street trees are to be pruned according to ANSI A-300 Guidelines for Tree Pruning to min. 5'-0" height clearance to the base of canopy. All tree and root pruning activities shall be performed by ISA Certified Arborist and or ASCA Consulting Arborist in accordance with ANSI A-300 standards and industry accepted good horticultural practices.
- 16. Landscape Contractor to provide all plants with fertilizer 30 days after installation. Fertilizer shall comply with state fertilizer laws. It shall have a chemical designation as indicated for each type of plant: Palms: 12-4-12 N-P-K, Slow Release Palm Special with micronutrients.
- Shrubs, Groundcover and Trees: 6-6-6 N-P-K, with micronutrients.
- 17. Nursery Support Poles shall be removed at the Nursery, prior to delivery, and that trees delivered with the nursery poles will not be accepted, and therefore rejected, with the exception of the following tree species: CLusia rosea and silver buttonwood trees.

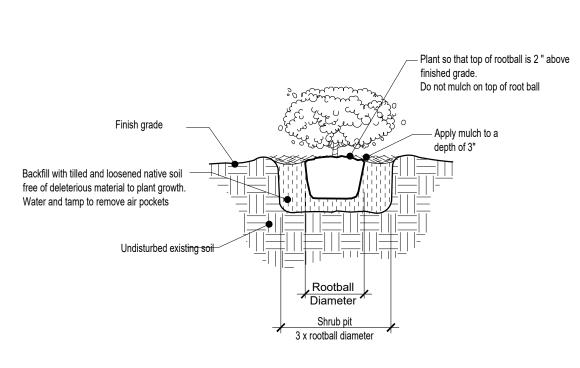


Typical Sod Planting Detail N.T.S.

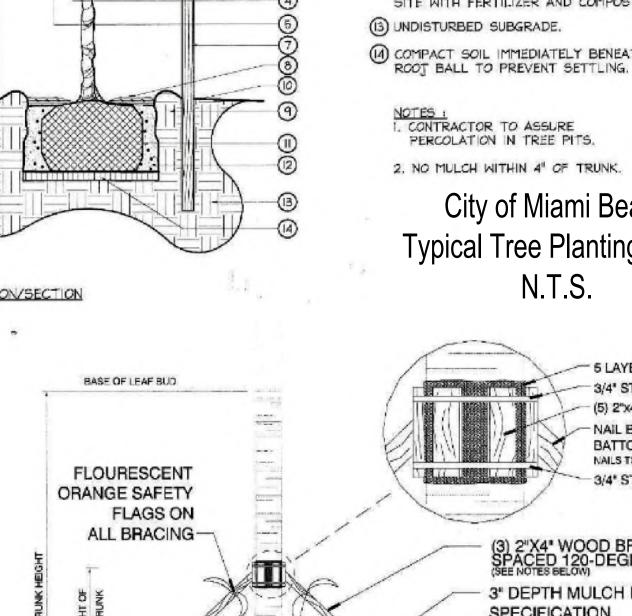








Typical Shrubs / Groundcover Planting Detail N.T.S.



(3) 2"X4" WOOD BRACES SPACED 120-DEGREES O.C. (SEE NOTES BELOW) 3" DEPTH MULCH LAYER- REFER TO SPECIFICATION 6" COMPACTED SOIL SAUCER TO HOLD WATER FINAL GRADE

5 LAYERS OF BURLAP

3/4" STEEL BANDING

(5) 2"x4"x2" BATTONS

NAIL BRACING TO WOOD

BATTONS (DO NOT ALLOW

NAILS TO PENETRATE TRUNK)

3/4" STEEL BANDING

2"X4"x30" TREE STAKE NATIVE SOIL BACKFILL OR AMENDED PLANTING SOIL AS REQUIRED BY SOIL

ANALYSIS

1. PALMS OVER 30' GW HEIGHT, USE MINIMUM (4) 4X4 BRACING AND STAKES
2. PRIMARY STAKES SHOULD PLACED PARALLEL TO WALKWAYS WHENEVER POSSIBLE.
3. RECIEVING PLANTING HOLE SHALL BE APPROXIMATELY 1/3 LARGER THAN ROOTBALL.
4. BUD SHALL BE PERPENDICULAR TO THE GROUND PLANE.
5. TRUNK SHALL BE STRAIGHT AND WITHOUT CURVES.
6. NO SCARRED OR BLACKENED TRUNKS.
7. AMENDED SOIL MIX, TO BE ADDED AT THE TIME OF PLANTING IF NEEDED,
SHALL CONSIST OF A RATIO MIX OF 80% CLEAN SILICA SAND AND 20% SCREENED, PULVERIZED TOPSOIL AS NEEDED.

City of Miami Beach Typical Palm Planting Detail N.T.S.

PLANTING

ROOT BALL

RECIEVING

PLANTING HOLE

- (1) SET TREE PLUMB IN PLANTING PIT.
- (2) PROTECT TREE TRUNK WITH I NOMACO® STYROFOAM PADDING GUARDS, #6U048048, AS SPECIFIED, OR APPROVED EQUAL.
- (3) AMAZON HOUSE AND RUBBER®, I 1 AIR HOSE #kil46 OR APPROVED EQUAL, TO COVER 10 GAUGE WIRE.
- 1 10 GAUGE GALVANIZED WIRE. WIRE PRODUCT®, OR APPROVED EQUAL.
- (5) I 2"x4'x4' NON TREATED LANDSCAPE TIMBER AS SPECIFIED. FASTEN WITH 4 35" DECK SCREWS TO 2'x4'x8' P.T. LANDSCAPE TIMBERS.
- 6 I I MALLEABLE CLAMP FASTENER FOR WIRE. SUPPLIER: FLORIDA WIRE OR
- 7 2 2"x4" X B' P.T. LANDSCAPE TIMBER AS SPECIFIED.
- (8) 1"-2" MULCH DEPTH LAYER ON ROOT BALL.
- (9) 4' WATER RING, (WITHIN ROOTBALL DIA.), FILL 3 TIMES IMMEDIATELY AFTER PLANTING, RAKE OUT PRIOR TO MULCHING AND PLANTING.
- (10) ROOT FLARE I"-2" ABOVE FINISHED GRADE.
- (II) B\$B OR CONTAINERIZED ROOTBALL. REMOVE ALL BURLAP IF NOT 100% BIODEGRADABLE. REMOVE CONTAINER FROM ROOTBALL PRIOR
- (2) BACKFILL, TOP SOIL TYP, OF AREA, BACKFILL SHALL BE AMENDED THROUGHOUT ENTIRE SITE WITH FERTILIZER AND COMPOST AS REQUIRED.
- (B) UNDISTURBED SUBGRADE.

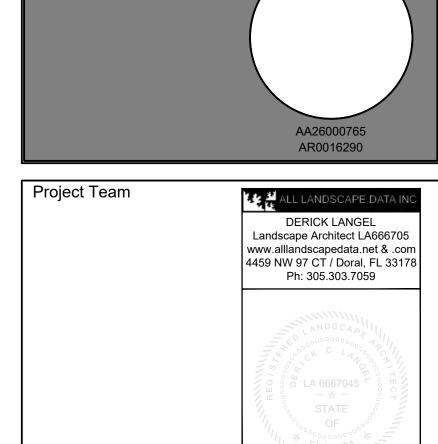
TO PLANTING.

(4) COMPACT SOIL IMMEDIATELY BENEATH THE

NOTES : I. CONTRACTOR TO ASSURE PERCOLATION IN TREE PITS.

2, NO MULCH WITHIN 4" OF TRUNK.

City of Miami Beach Typical Tree Planting Detail N.T.S.



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roject Name

ISSUE DATE:

No. Date

Description

REINALDO BORGES, ARCHITECT

## SINGLE FAMILY RESIDENCE

4230 NORTH BAY ROAD Miami Beach, FL 33140

Project Number 219500

Drawing Name

LANDSCAPE DETAILS

Scale:

**Drawing Number** 

L-04