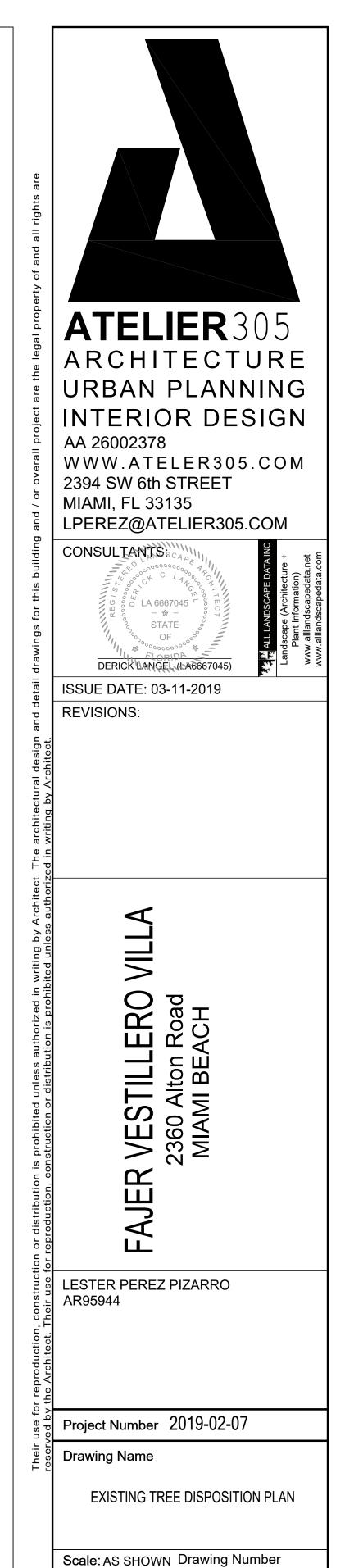


PROPOSED BUILDING & PAVED AREAS

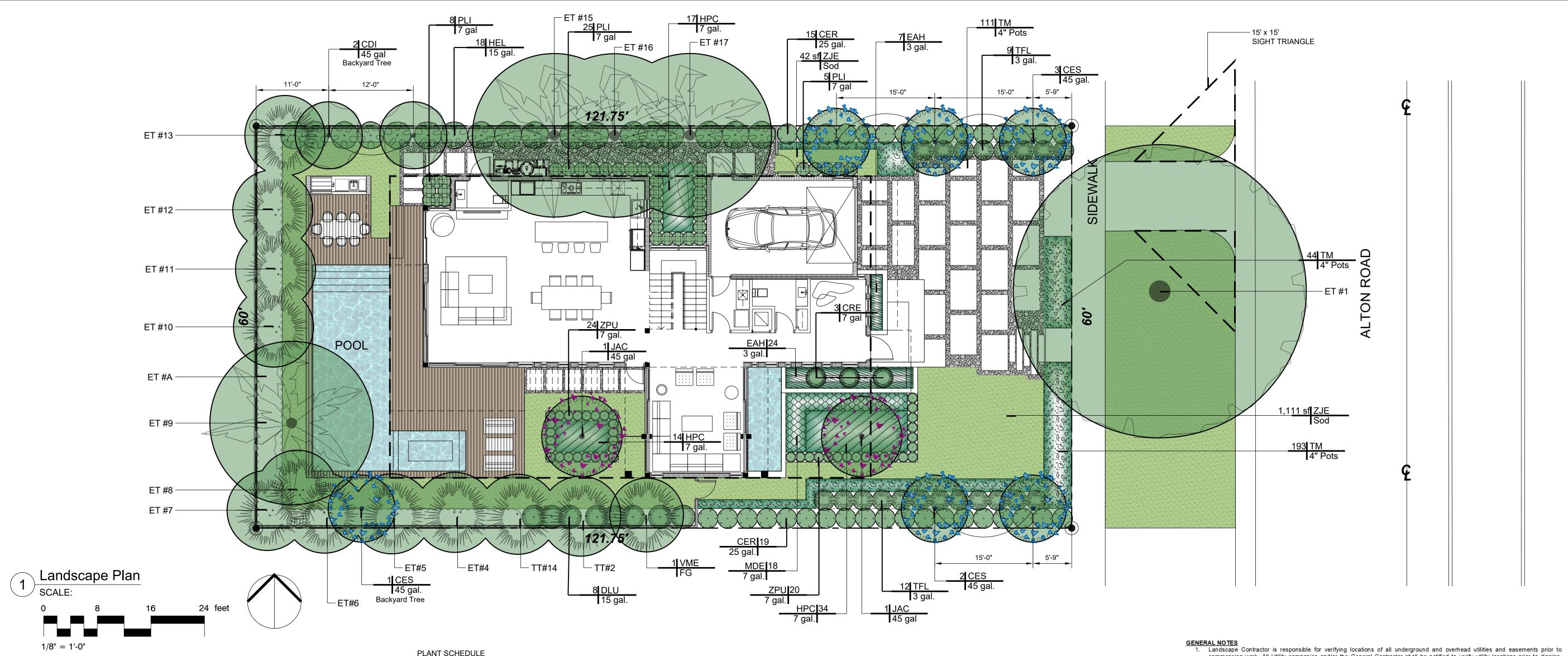
TRI	EE DISPOSITION LEGEND
X	Existing tree or palm to be removed
Tree / Palm	Existing tree and palm to remain in their existing location and be protected, no construction or excavation shall be permitted within the dripline of the trees.
	LIMITS OF EXISTING TREE & PALM PROTECTION ZONE
always cross ched	how the actual canopy of the trees, for clarity, ck with Existing Tree Disposition List for sizes atus. Contact landscape architect
	Tree / Palm Symbols do not si always cross chec

IMBER	BOTANICAL NAME	COMMON NAME	HEIGHT (FT)	SPREAD (FT)	DBH (INCHES)	TREE CANOPY (SQ.FT)	CONDITION	DISPOSITION	COMMENTS
1	Swietenia mahagani	Mahogany	30	45	60		Good	Remain	
2	Veitchia merrillii	Christmas Palm	16	15	2 x 8		Good	Transplant	Double
3	Neodypsis decaryi	Triangle Palm	12	10	12	79	Poor	Remove	
4	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Remain	Double
5	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Remain	Double
6	Veitchia merrillii	Christmas Palm	20	15	3 x 4		Good	Remain	Triple
7	Veitchia merrillii	Christmas Palm	20	15	3 x 4		Good	Remain	Triple
8	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Remain	Double
9	Cocos nucifera	Coconut Palm	30	20	24		Good	Remain	
10	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Remain	Double
11	Veitchia merrillii	Christmas Palm	20	15	6		Good	Remain	Single
12	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Remain	Double
13	Veitchia merrillii	Christmas Palm	20	15	3 x 6		Good	Remain	Triple
14	Veitchia merrillii	Christmas Palm	20	15	2 x 6		Good	Transplant	Double
15	Cocos nucifera	Coconut Palm	30	20	12		Good	Remain	
16	Cocos nucifera	Coconut Palm	30	20	12		Good	Remain	
17	Cocos nucifera	Coconut Palm	30	20	12		Good	Remain	
Α	Dypsis lutescens	Areca Palm	20				Good	Remain	Hedge
В	Ficus benjamina	Ficus	15				Poor	Remove	

PROPOSED	CANOPY LOSS			
79	Proposed Canopy Loss (see Exi	sting Tree Dispo	sition List)	
REQUIRED (79			
	REPLACEMENT CANOPY	MIN. SIZE AT	CANOPY	CANOPY MITIGATED
QUANTITY	TYPE	PLANTING	CREDIT (Sq.Ft)	(Sq.Ft)
0	Category 1 Trees	12' OAH	300	0
9	Category 2 Trees	10' OAH	150	1,350
0	Category 3 Trees	8' OAH	100	0
0	Category 4 Palms	6' OAH	50	0



L-100



CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS Acres____0.167 Zoning District RS-4 Lot Area 7,305 SF **OPEN SPACE**

A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>7,305</u> s.f.x <u>25</u> % = <u>1,826</u> s.f.

1,826 SF 3,051 SF B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>N/A</u> x 10 s.f. parking space = N/A N/A C. Total square feet of landscaped open space required: A+B= 1,826 SF 3,051 SF LAWN AREA CALCULATION A. Square feet of landscaped open space required 1,826 SF B. Maximum lawn area (sod) permitted= _____ 50 ____ % x 3,051 _ s.f. 1,526 SF ___ 1,228 SF

REQUIRED/

ALLOWED PROVIDED

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= 5+2 trees x N/A net lot acres - number of existing trees= B. % Natives required: Number of trees provided x 30% = C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=

D. Street Trees (maximum average spacing of 20' o.c.) 60' linear feet along street divided by 20'= 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'=

A. Number of shrubs required: Sum of lot and street trees required x 12= B. % Native shrubs required: Number of shrubs provided x 50%=

LARGE SHRUBS OR SMALL TREES A. Number of large shrubs or small trees required: Number of required shrubs

B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=

PLANT SCHEDULE									
TREES CDI	QTY 2	BOTANICAL NAME Coccoloba diversifolia	<u>COMMON NAME</u> Pigeon Plum	<u>CONT</u> 45 gal	<u>DBH</u> 3"	<u>HGT</u> 14` OA	SRD 6`		REMARKS STD - Florida Native - Miami-Dade Landscape Manual - Very Drought Tolerant
CES	6	Conocarpus erectus `Sericeus`	Silver Buttonwood	45 gal.	2"	12` OA	5`-6`		
JAC	2	Jacaranda mimosifolia	Jacaranda	45 gal	2"-3"	12`-14` OA	6`		STD - Miami-Dade Landscape Manual - Very Drought Tolerant
PALMS VME	QTY 1	BOTANICAL NAME Veitchia merrillii	COMMON NAME Christmas Palm	<u>CONT</u> FG	<u>DBH</u>	<u>HGT</u> 14` OA	<u>SRD</u> 6`		REMARKS Double - Drought Tolerant
SHRUBS CRE	QTY 3	BOTANICAL NAME Cycas revoluta	COMMON NAME Japanese Sago Palm	<u>CONTAINER</u> 7 gal	HEIGHT 3`	SPREAD 3`		SPACING 36" o.c.	<u>REMARKS</u> Miami-Dade Landscape Manual - Drought Tolerant
DLU	8	Dypsis lutescens	Areca Palm	15 gal.	5`-7` OA			42" o.c.	
HEL	18	Heliconia	False Bird of Paradise	15 gal.	5` OA	5`		48" o.c.	
PLI	38	Psychotria ligustrifolia	Bahama Coffee	7 gal	2`	2`		24" o.c.	Florida Native - Miami-Dade Landscape Manual
TFL	20	Tripsacum floridanum	Florida Gamagrass	3 gal.	2`	2`		36" o.c.	Florida Native - Miami-Dade Landscape Manual Drought Tolerant
ZPU	44	Zamia pumila	Coontie	7 gal.	1.5`	1.5`		18" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
LARGE SHRUBS CER	<u>QTY</u> 34	BOTANICAL NAME Conocarpus erectus	COMMON NAME Green Buttonwood	<u>CONTAINER</u> 25 gal.	<u>HEIGHT</u> 6` OA	SPREAD 2.5`		SPACING 36" o.c.	REMARKS Shrub Type - Florida Native - Miami-Dade Landscape Manual
SHRUB AREAS HPC	<u>QTY</u> 65	BOTANICAL NAME Heliconia psittacorum `Choconiana`	COMMON NAME Parrot's Beak 'Choconiana'	<u>CONTAINER</u> 7 gal.	HEIGHT 3`	SPREAD 2`		SPACING 20" o.c.	REMARKS
MDE	18	Monstera deliciosa	Split-Leaf Philodendron	7 gal.	12"	12"		24" o.c.	
GROUND COVERS EAH	<u>QTY</u> 31	BOTANICAL NAME Epipremnum aureum `Hawaiian`	COMMON NAME Hawaiian Pothos	CONTAINER 3 gal.	HEIGHT 12"	SPREAD 18"		SPACING 18" o.c.	REMARKS

4" Pots

Sod

Minima Jasmine

Korean Grass

Trachelospermum asiaticum `Minima`

1,153 sf Zoysia japonica `Empire`

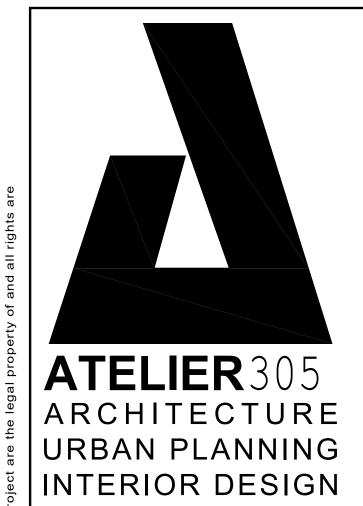
12" o.c.

- 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. 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
- 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. All planted areas to be outfitted with automatic irrigation system providing 100% coverage and 50% overlap. A rain sensor must be
- part of the irrigation system. 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.

minimum of 4" topsoil.

- 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. 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
- 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
- 11. Landscape Contractor is responsible for mulching all plant beds and planters with a minimum 3" layer of natural color Eucalyptus or Enviromulch 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.



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ISSUE DATE: 03-11-2019

REVISIONS:

STILLERO Alton Road AJEI

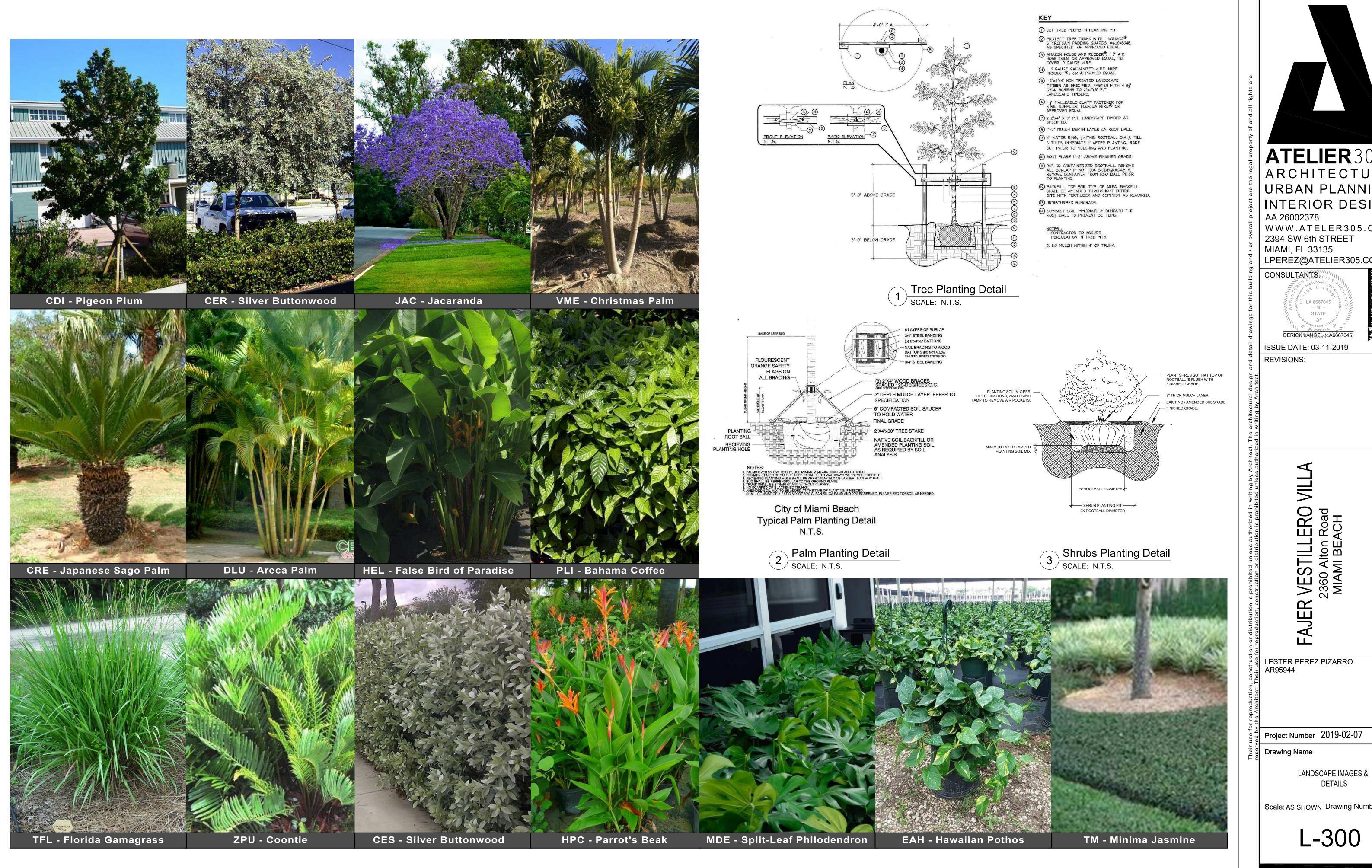
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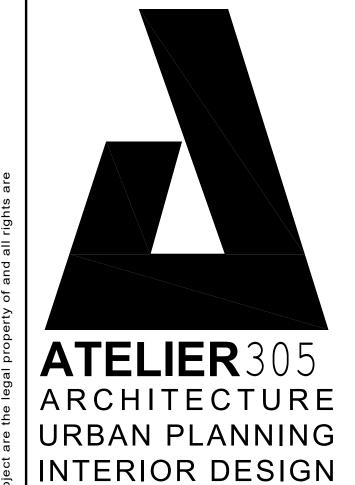
Project Number 2019-02-07

Drawing Name

LANDSCAPE PLAN

Scale: AS SHOWN Drawing Number





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Scale: AS SHOWN Drawing Number