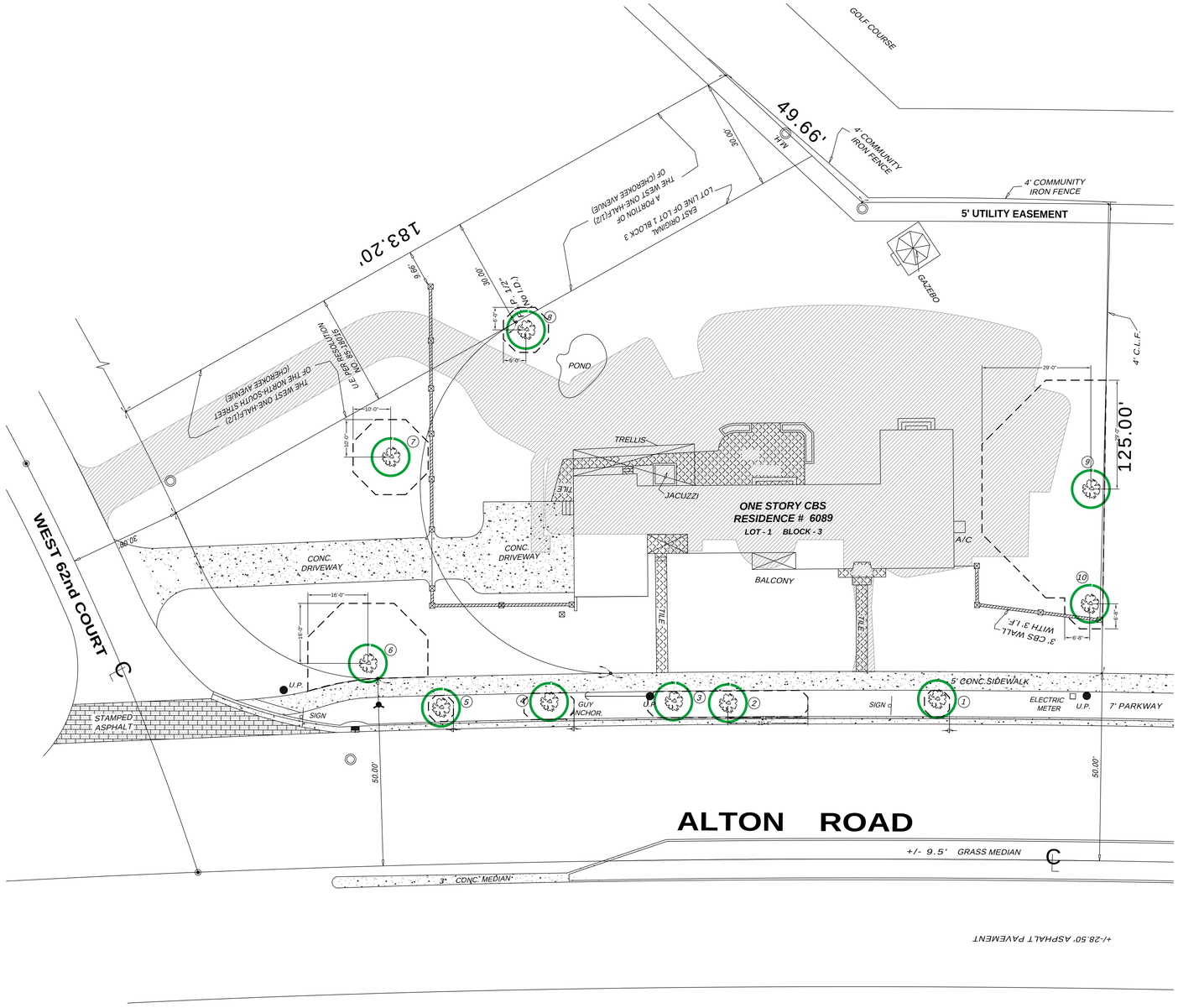


1 Existing Tree Disposition Plan
SCALE:
0 16 32 48 feet
1" = 16'

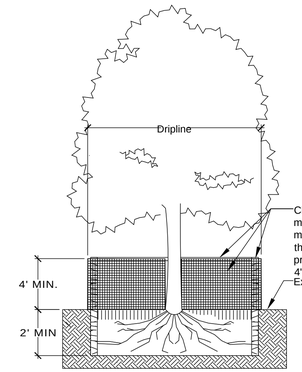
1. Before beginning work in the ROW, the General Contractor, Landscape Contractor, City Urban Forester and or Planning Department Staff is required to meet at the site with the Landscape Architect to review all work procedures, access routes, storage areas, and tree and palm protection measures.
2. The General Contractor is required to coordinate with the Landscape Architect to determine the amount of tree canopy or root zone that the General Contractor will be responsible for pruning. The trimming shall be as per the ANSI A-300 Standards. The City Urban Forester shall be consulted.
3. The General Contractor shall erect fences to protect trees or palms to be preserved as per Tree Protection Detail and Tree Disposition Plan. Fences define a specific protection zone for each tree or to be protected. Fences are to remain until all site work has been completed. Fences may not be relocated or removed without the written permission of the Landscape Architect and City Urban Forester.
4. Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
5. All underground utilities and drain or irrigation lines shall be routed outside the tree or palm protection zone. If lines must traverse the protection area, they shall be tunneled or bored under the tree.
6. No construction materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree or palm protection zone (fenced area).
7. Additional tree pruning required for clearance during construction shall be trimmed as per ANSI A-300 Standards and not by construction personnel. Any corrective pruning required shall be performed by an ISA certified Arborist or ASCA Consulting Arborist and the City Urban Forester shall be consulted.
8. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use. Any pesticides used on site must be tree-safe and not easily transported by water.
9. If injury should occur to any tree during construction, the General Contractor is responsible for notifying the Landscape Architect as soon as possible for evaluation so that appropriate treatments can be applied. Should any trees or palms be damaged they shall be evaluated by the City Urban Forester to determine corrective actions that may include removal, corrective pruning and or replacement. Any corrective actions required shall be performed in accordance with Miami Dade County Code, ANSI A-300 Pruning Standards and or an issued ERM Tree or Environmental Permit. Any corrective pruning required shall be performed by an ISA certified Arborist or ASCA Consulting Arborist and the City Urban Forester shall be consulted.
10. The General Contractor shall notify the Landscape Architect, and City Urban Forester of any grading, construction, demolition, or other work that is expected to encounter tree or palm roots.
11. All trees to remain on site shall be irrigated three times a week for the duration of construction. At each irrigation procedure shall apply to the soil area within the tree or palm protection zone 2-3 gallons of water per inch of trunk caliper.
12. Erosion control devices such as silt fencing, debris basins, and water diversion structures shall be installed to prevent siltation and/or erosion within the tree and palm protection zone.
13. Before grading, pad preparation, or excavation for foundations, footings, walls, or trenching near trees the trees shall be root pruned 12 inches outside the tree protection zone by cutting all roots cleanly to a depth of 36 inches. Roots shall be cut manually by digging a trench and cutting exposed roots with a saw, vibrating knife, rock saw, narrow trencher with sharp blades, or other approved root-pruning equipment. All tree and root pruning activities shall be performed by an ISA Certified Arborist and or an ASCA Consulting Arborist in accordance with ANSI A-300 standards and industry accepted good horticultural practices.
14. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
15. If temporary haul or access roads must pass over the root area of trees to be retained, a road bed of 6 inches of mulch or gravel shall be created to protect the soil. The road bed material shall be replenished as necessary to maintain a 6-inch depth.
16. Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily or permanently.
17. No burn piles or debris pits shall be placed within the tree protection zone. No ashes, debris, or garbage may be dumped or buried within the tree protection zone.
18. Maintain fire-safe areas around fenced areas. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.

2 Tree & Palm Protection Notes
SCALE: N.T.S.

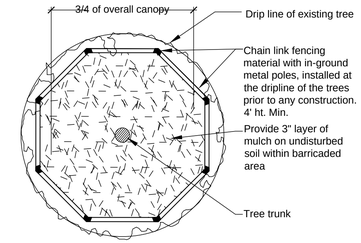
TREE DISPOSITION LEGEND

- 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

Symbols do not show the actual canopy of the trees, for clarity, always cross check with Existing Tree Disposition List for sizes and disposition status. Contact landscape architect



TREE PROTECTION DETAIL (ELEVATION)



TREE PROTECTION DETAIL (PLAN)

3 Tree & Palm Protection Detail
SCALE: N.T.S.

EXISTING TREE DISPOSITION LIST

NUMBER	BOTANICAL NAME	COMMON NAME	HEIGHT (FT)	SPREAD (FT)	DBH (FT)	TREE CANOPY (SQ.FT)	PALM CANOPY (SQ.FT)	CONDITION	DISPOSITION	COMMENTS
1	Calophyllum brasiliense	Brazil Beautyleaf	15	8	0.4	50		Good	**Remain**	Under power line
2	Swietenia mahagani	Mahogany	40	40	2.7	1257		Fair	**Remain**	Canopy divided due the power lines
3	Calophyllum brasiliense	Brazil Beautyleaf	16	12	0.45	113		Good	**Remain**	Under power line
4	Swietenia mahagani	Mahogany	35	35	1.8	962		Fair	**Remain**	Canopy divided due the power lines
5	Calophyllum brasiliense	Brazil Beautyleaf	17	13	0.45	133		Good	**Remain**	Under power line
6	Swietenia mahagani	Mahogany	35	35	2.2	962		Fair	**Remain**	Canopy divided due the power lines
7	Phoenix reclinata	Senegal Date	11	20	8		314	Good	**Remain**	
8	Sabal palmetto	Sabal Palm	18	12	0.75		113	Good	**Remain**	
9	Ficus benghalensis	Banyan tree	40	30	4	707		Fair	**Remain**	
10	Ficus benghalensis	Banyan tree	45	30	0.8	707		Fair	**Remain**	
TOTAL PROPOSED CANOPY LOSS (in square feet)						**0**	**0**	**0**		12/8/2017

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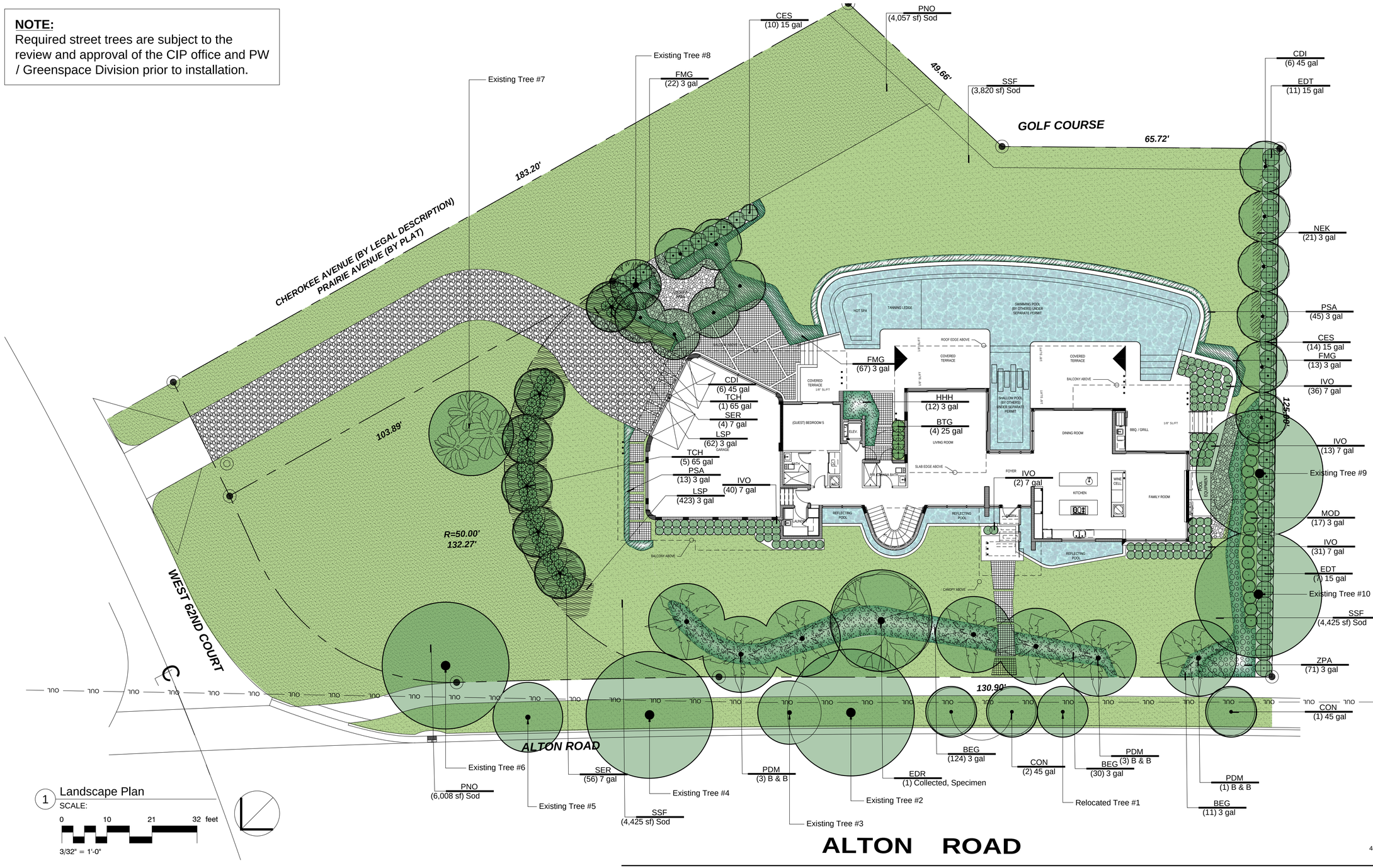
EXISTING TREE DISPOSITION PLAN
DATE: 04/06/2018
SCALE: AS SHOWN
L-100

NOTE:
Required street trees are subject to the review and approval of the CIP office and PW / Greenspace Division prior to installation.



1 Landscape Plan
SCALE:
0 10 21 32 feet
3/32" = 1'-0"

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LANDSCAPE PLAN
DATE: 04/06/2018
SCALE: AS SHOWN
L-200

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District RS-4 Lot Area 26,525 S.F. Acres 0.60

	REQUIRED/ ALLOWED	PROVIDED
OPEN SPACE		
A. Square feet of required Open Space as indicated on site plan: Lot Area = 26,525 s.f.x 25 % = 6,631 s.f.	6,631 S.F.	15,810 S.F.
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces N/A x 10 s.f. parking space =	N/A	N/A
C. Total square feet of landscaped open space required: A+B=	6,631 S.F.	15,810 S.F.
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required	6,631 S.F.	15,810 S.F.
B. Maximum lawn area (sod) permitted= 50 % x 15,810 s.f.	7,905 S.F.	11,640 S.F.
TREES		
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= N/A trees x N/A net lot acres - number of existing trees=	26	26
B. % Natives required: Number of trees provided x 30% =	8	12
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	13	13
D. Street Trees (maximum average spacing of 20' o.c.) _____ linear feet along street divided by 20'=	N/A	N/A
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): 180' Alton Road linear feet along street divided by 20'=	9	9
SHRUBS		
A. Number of shrubs required: Sum of lot and street trees required x 12=	420	456
B. % Native shrubs required: Number of shrubs provided x 50%=	228	235
LARGE SHRUBS OR SMALL TREES		
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	42	46
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	23	24

2 Landscape Legend
SCALE: N.T.S.

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SPRD		REMARKS
CDI	12	Coccoloba diversifolia	Pigeon Plum	45 gal	3"	14` CT	6`		STD - Florida Native - Miami-Dade Landscape Manual - Very Drought Tolerant
EDR	1	Delonix regia	Royal Poinciana	Collected, Specimen	12"	18` OA	16`		Specimen Tree - Drought Tolerant
PDM	7	Phoenix dactylifera `Medjool`	Date Palm	B & B	18"	14` CT	16`		Drought Tolerant / Listed in the Miami Dade Landscape Manual
TCH	6	Tabebuia chrysotricha	Golden Trumpet Tree	65 gal	3.5"	14` OA	6`		
STREET TREES	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**DBH**	**HGT**	**SPRD**		**REMARKS**
CON	3	Conocarpus erectus `sericeus`	Silver Buttonwood	45 gal	2"-3"	12` OA	4`-6`		Drought Tolerant - STD - Florida Native - Miami-Dade Landscape Manual
SHRUBS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**HGT**	**SPRD**		**SPACING**	**REMARKS**
IVO	86	Ilex vomitoria `Stokes Dwarf`	Dwarf Yaupon	7 gal	1.5`	2`		24" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
MOD	17	Monstera deliciosa	Ceriman	3 gal	18"-24" OA	12"-18"		36" o.c.	Miami-Dade Landscape Manual
SER	60	Serenoa repens `Cinerea`	Saw Palmetto	7 gal	18"-24" OA	18"-24"		25" o.c.	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
LARGE SHRUBS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**HGT**	**SPRD**		**SPACING**	**REMARKS**
BTG	4	Bambusa textilis gracilis	Weaver`s Bamboo	25 gal	18` OA	4`		36" o.c.	
CES	24	Conocarpus erectus sericeus	Silver Button Wood	15 gal	6`	4`		48" o.c.	Shrub Type - Florida Native - Miami-Dade Landscape Manual
EDT	18	Elaeocarpus decipiens TM	Japanese Blueberry	15 gal	8`	4`		48" o.c.	
SHRUB AREAS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**HGT**	**SPRD**		**SPACING**	**REMARKS**
BEG	165	Begonia odorata `Alba`	Giant White Angel Begonia	3 gal	1.5`	2`		24" o.c.	
HHH	12	Heliconia andromeda	Hollyday Heliconia	3 gal	2`	2`		30" o.c.	
ZPA	71	Zamia pumila	Coontie	3 gal	1.5`			24" o.c.	Drought Tolerant - Florida Native - Miami-Dade Landscape Manual
GRASSES	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**HGT**	**SPRD**		**SPACING**	**REMARKS**
PSA	58	Pennisetum setaceum `Alba`	White Leaved Fountain Grass	3 gal	2`	2`		24" o.c.	Drought Tolerant - Miami-Dade Landscape Manual
GROUND COVERS	**QTY**	**BOTANICAL NAME**	**COMMON NAME**	**CONT**	**HGT**	**SPRD**		**SPACING**	**REMARKS**
FMG	102	Ficus microcarpa `Green Island`	Green Island Ficus	3 gal				24" o.c.	
LSP	485	Liriope spicata	Creeping Lilyturf	3 gal	1.5`	1`		15" o.c.	Drought Tolerant - Miami-Dade County Landscape Manual
NEK	21	Nephrolepis exaltata `Kimberly Queen`	Kimberly Fern	3 gal	1.5`	2`		24" o.c.	Florida Native - Miami-Dade Landscape Manual
PNO	16,072 sf	Paspalum notatum	Bahia Grass	Sod					Drought Tolerant
SSF	12,757 sf	Stenotaphrum secundatum `Floritam`	Floritam St. Augustine Sod	Sod					prefers full sun

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LANDSCAPE NOTES & DETAILS
DATE: 04/06/2018
SCALE: NTS

L-201

CDI - Pigeon Plum

EDR - Royal Poinciana

PDM - Date Palm

TCH - Golden Trumpet Tree

CON - Silver Buttonwood

IVO - Dwarf Yaupon

MOD - Ceriman

SER - Saw Palmetto

BTG - Weaver`s Bamboo

CES - Silver Button Wood

EDT - Japanese Blueberry

BEG - Giant White Begonia

HHH - Hollyday Heliconia

ZPA - Coontie

PSA - White Fountain Grass

FMG - Green Island Ficus

LSP - Creeping Lilyturf

NEK - Kimberly Fern

PNO - Bahia Grass

SSF - Floritam St. Augustine

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LANDSCAPE IMAGES
DATE: 04/06/2018
SCALE: NTS

L-202