

DRAWING FILE: P:\Projects\2020\204117 City Of Miami Beach Fire Station 01\cadd Files\Drawings\204117-LD-TREE-SCHED.dwg - (Plotted by: Dominic Mack on Wednesday, February 2, 2022 3:43:30 PM)



TREE DISPOSITION SCHEDULE																		
TREE NO.		BOTANICAL NAME	COMMON NAME	NATIVE	SIZE				ACTION	CONDITION	MITIGATION REQUIRED?	NOTES	DBH OF INDIVIDUAL TRUNKS					
					TRUNK#	DBH (IN)	HT (FT)	SPRD (FT)					AREA (SF)	#1	#2	#3	#4	#5
001	(T)	Swietenia mahagoni	Mahogany Tree	Y	1	19"	30'	36'	1,018 Sq. Ft.	Preserve & Protect	Good		Slight lean favoring sidewalk,	18.9"				
002	(T)	Swietenia mahagoni	Mahogany Tree	Y	1	18"	35'	36'		To Be Relocated	Good		Root growth under sidewalk with one-sided canopy	18.1"				
003	(T)	Swietenia mahagoni	Mahogany Tree	Y	1	7"	20'	15'	177 Sq. Ft.	To Be Relocated	Fair		Die back on canopy, unstable trunk structure and one-sided canopy growth	7.3"				
004	(T)	Swietenia mahagoni	Mahogany Tree	Y	1	21.5"	35'	40'		To Be Relocated	Good		Root growth under sidewalk, may be difficult to relocate	21.4"				
005	(P)	Ulivistona chinensis	Chinese Fan Palm		1	9.5"	12' CT	10'		Remove	Good	Y	Slight narrowing of trunk at top, minimal trunk cavities	9.3"				
006	(P)	Ulivistona chinensis	Chinese Fan Palm		1	10.5"	13' CT	10'		Preserve & Protect	Good		Slight S-Curve to trunk, concrete at base, minimal trunk cavities	10.4"				
007	(P)	Ulivistona chinensis	Chinese Fan Palm		1	9.5"	13' CT	10'		Remove	Good	Y	Slight S-curve to trunk, complications with proposed sight-triangle requirements	9.5"				
008	(P)	Ulivistona chinensis	Chinese Fan Palm		1	9.5"	10' CT	10'		Remove	Fair		Curve to trunk at top, slight narrowing of trunk in middle, complications with proposed sight-triangle req.	9.5"				
009	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	3.5"	11' CT	7'		Remove	Fair		Slight S-Curve to trunk, slight lean of trunk structure with exposed roots at base and narrowing	3.5"				
010	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	3.5"	11' CT	7'		Remove	Fair		Slight lean and curve	3.4"				
011	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	3.5"	10' CT	7'		Remove	Fair		Slight narrowing of trunk at base	3.5"				
012	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	4"	12' CT	7'		Remove	Fair	Y		4.2"				
013	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	4.0"	10' CT	7'		Remove	Fair			3.8"				
014	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	3.5"	8' CT	7"		Remove	Fair			3.7"				
015	(P)	Ulivistona chinensis	Chinese Fan Palm		1	9"	11' CT	10'		Remove	Fair		S-Curve to trunk	9.0"				
016	(P)	Ulivistona chinensis	Chinese Fan Palm		1	10.0"	13' CT	10'		Remove	Good	Y	S-Curve to trunk	10.0"				
017	(P)	Adonidia merrillii	Christmas Palm		1	6.0"	10' CT	14'		Preserve & Protect	Good		Trunk abutting fence line	6.0"				
018	(T)	Coccoloba uvifera	Seagrape	Y	7	34.5"	20'	18"	254 Sq. Ft.	Preserve & Protect	Good		Not a good candidate for relocation; sucker growth, intertwined and rubbing branches	6.5"	3.9"	3.4"	6.4"	14.7"
019	(P)	Archontophoenix alexandrae	Alexander Palm		1	3.5"	21' CT	10'		Remove	Fair	Y		3.6"				
020	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	5"	3' CT	6'		Remove	Good							
021	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	5"	3' CT	6'		Remove	Good							
022	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	5"	3' CT	6'		Remove	Good							
023	(P)	Adonidia merrillii	Christmas Palm		1	5"	18' CT	10'		Preserve & Protect	Fair			5.2"				
024	(P)	Adonidia merrillii	Christmas Palm		1	5.0"	16' CT	10'		Preserve & Protect	Fair			5.2"				
025	(T)	Calophyllum brasiliense	Brazilian Beautyleaf		1	23"	24'	30'		Preserve & Protect	Fair		Included bark, poor structure, severed trunk	23.0"				
026	(P)	Sabal palmetto	Cabbage Palm	Y	1	10.5"	33' CT	14'		Preserve & Protect	Fair			10.6"				
027	(P)	Sabal palmetto	Cabbage Palm	Y	1	10"	20'	10'		Remove	Fair	Y	Trunk damage covered with plastic	10.1"				
028	(P)	Sabal palmetto	Cabbage Palm	Y	1	11.5"	24' CT	10'		Remove	Fair	Y		11.5"				
029	(T)	Swietenia mahagoni	Mahogany Tree		1	15.5"	35'	40'		Remove	Fair	Y	Root growth under PIP playground, dieback on trees with severe canopy loss causing one-sided growth	15.5"				
030	(T)	Conocarpus erectus	Green Buttonwood	Y	3	77.9"	30'	65'		Preserve & Protect	Fair		Heritage Tree	22.5"	25.5"	29.9"		
031	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	6.0"	5' CT	7'		Remove	Fair		Stunted growth from elevated planter width, understory dieback	6.0"				
032	(P)	Phoenix canariensis	Canary Date Palm		1	44"	7' CT	18'		Preserve & Protect	Good			46.2"				
033	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	5.0"	13' CT	10'		Remove	Fair	Y	Small planting area, not sufficient nutrient levels, exposed rootball	5.2"				
034	(P)	Coccothrinax argentata	Florida Silver Palm	Y	1	4.0"	13' CT	10'		Preserve & Protect	Good	Y	Difficult to relocate	3.9"				
035	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	3"	3' CT	6'		Remove	Good							
036	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	4.3"	7' CT	6'	28 Sq. Ft.	Remove	Good			4.3"				
037	(P)	Thrinax radiata	Florida Thatch Palm	Y	1	4.1"	3' CT	6'	28 Sq. Ft.	Remove	Good							
038	(P)	Phoenix canariensis	Canary Date Palm		1	36.5"	13' CT	10'		To Be Relocated	Good			36.5"				
039	(P)	Phoenix canariensis	Canary Date Palm		1	36.7"	13' CT	10'		To Be Relocated	Good			36.7"				
040	(P)	Phoenix roebelenii	Pygmy Date Palm		2	7.4"	7' CT	15'		Remove	Good			3.7"	3.7"			
041	(P)	Phoenix roebelenii	Pygmy Date Palm		2	7.4"	7' CT	15'		Remove	Good			3.7"	3.7"			
042	(P)	Phoenix roebelenii	Pygmy Date Palm		2	7.4"	7' CT	15'		Remove	Good			3.7"	3.7"			
043	(P)	Phoenix dactylifera	Medjool Date Palm		1	12.0"	14' CT	7'		To Be Relocated	Good		Exposed rootball and buildup around base	12.0"				
044	(P)	Phoenix roebelenii	Pygmy Date Palm		3	11.1"	7' CT	13'		Preserve & Protect	Good			3.7"	3.7"	3.7"		
045	(P)	Phoenix roebelenii	Pygmy Date Palm		2	7.4"	7' CT	15'		Remove	Good			3.7"	3.7"			
046	(P)	Phoenix roebelenii	Pygmy Date Palm		2	7.4"	7' CT	12'		Remove	Good			3.7"	3.7"			
047	(P)	Phoenix dactylifera	Medjool Date Palm		1	13.2"	15' CT	7'		To Be Relocated	Good		Exposed rootball and buildup around base	13.2"				
048	(P)	Phoenix canariensis	Canary Date Palm		1	36.5"	6' CT	10'		Preserve & Protect	Good			36.5"				
049	(P)	Phoenix canariensis	Canary Date Palm		1	36.7"	5' CT	10'		Preserve & Protect	Good			36.7"				
050	(T)	Lysiloma latisiliquum	Sabico Tamarind	Y	1	32.5"	32'	40'	1,257 Sq. Ft.	Preserve & Protect	Good		Included bark	32.5"				
051	(P)	Sabal palmetto	Cabbage Palm	Y	1	11.1"	40' CT	8'		Remove	Good		Narrowing of trunk towards top	11.1"				
052	(P)	Sabal palmetto	Cabbage Palm	Y	1	13.1"	14' CT	10'		Remove	Good	Y		13.1"				
053	(P)	Sabal palmetto	Cabbage Palm	Y	1	8.7"	14' CT	10'		Remove	Good	Y		8.7"				
054	(P)	Sabal palmetto	Cabbage Palm	Y	1	7.7"	14' CT	10'		Remove	Good	Y		7.7"				
055	(P)	Sabal palmetto	Cabbage Palm	Y	1	12.6"	27' CT	10'		Remove	Good	Y		12.6"				
056	(P)	Sabal palmetto	Cabbage Palm	Y	1	9.3"	14'	10'		Remove	Good	Y		9.3"				
057	(P)	Sabal palmetto	Cabbage Palm	Y	1	9.0"	13' CT	10'		Remove	Good	Y						
058	(P)	Sabal palmetto	Cabbage Palm	Y	1	10.4"	13' CT	10'		Remove	Good	Y						
059	(P)	Sabal palmetto	Cabbage Palm	Y	1	7.2"	17' CT	10'		Remove	Good	Y						
060	(P)	Sabal palmetto	Cabbage Palm	Y	1	10.3"	13' CT	10'		Remove	Good	Y						
061	(P)	Sabal palmetto	Cabbage Palm	Y	1	9.5"	13' CT	10'		Remove	Good	Y						
062	(P)	Sabal palmetto	Cabbage Palm	Y	1	10.1"	13' CT	10'		Remove	Good	Y						
063	(P)	Archontophoenix alexandrae	Alexander Palm		2	6.6"	25' CT	7'		Remove	Good	Y		4.1"	2.5"			
064	(T)	Lysiloma latisiliquum	Wild Tamarind	Y	2	43.1"	32'	35'	962 Sq. Ft.	Preserve & Protect	Good							
065	(T)	Lysiloma latisiliquum	Wild Tamarind	Y	2	33.3"	30'	40'	1,257 Sq. Ft.	Preserve & Protect	Good			19.7"	13.6"			
066	(T)	Lysiloma latisiliquum	Wild Tamarind	Y	1	28.3"	30'	40'	1,257 Sq. Ft.	Preserve & Protect	Good			28.3"				
067	(P)	Phoenix reclinata	Wild Date Palm		3	14.7"	22' CT	15'		Remove	Fair	Y	Abundant sucker growth	4.9"	5.0"	4.8"		
068	(P)	Archontophoenix alexandrae	Alexander Palm		1	3.2"	25' CT	8'		Remove	Good	Y		3.2"				

NOTE: ALL TREES IDENTIFIED AS "TO BE RELOCATED" SHALL BE RELOCATED OFF-SITE TO FLAMINGO PARK. ALL TREE RECEPTOR LOCATIONS SHALL BE COORDINATED BY CITY STAFF PRIOR TO RELOCATION. TREE RECEPTOR PLANS ARE N.I.C. AND SHALL BE BY OTHERS.

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CITY OF MIAMI BEACH
FIRE STATION #01

Project number
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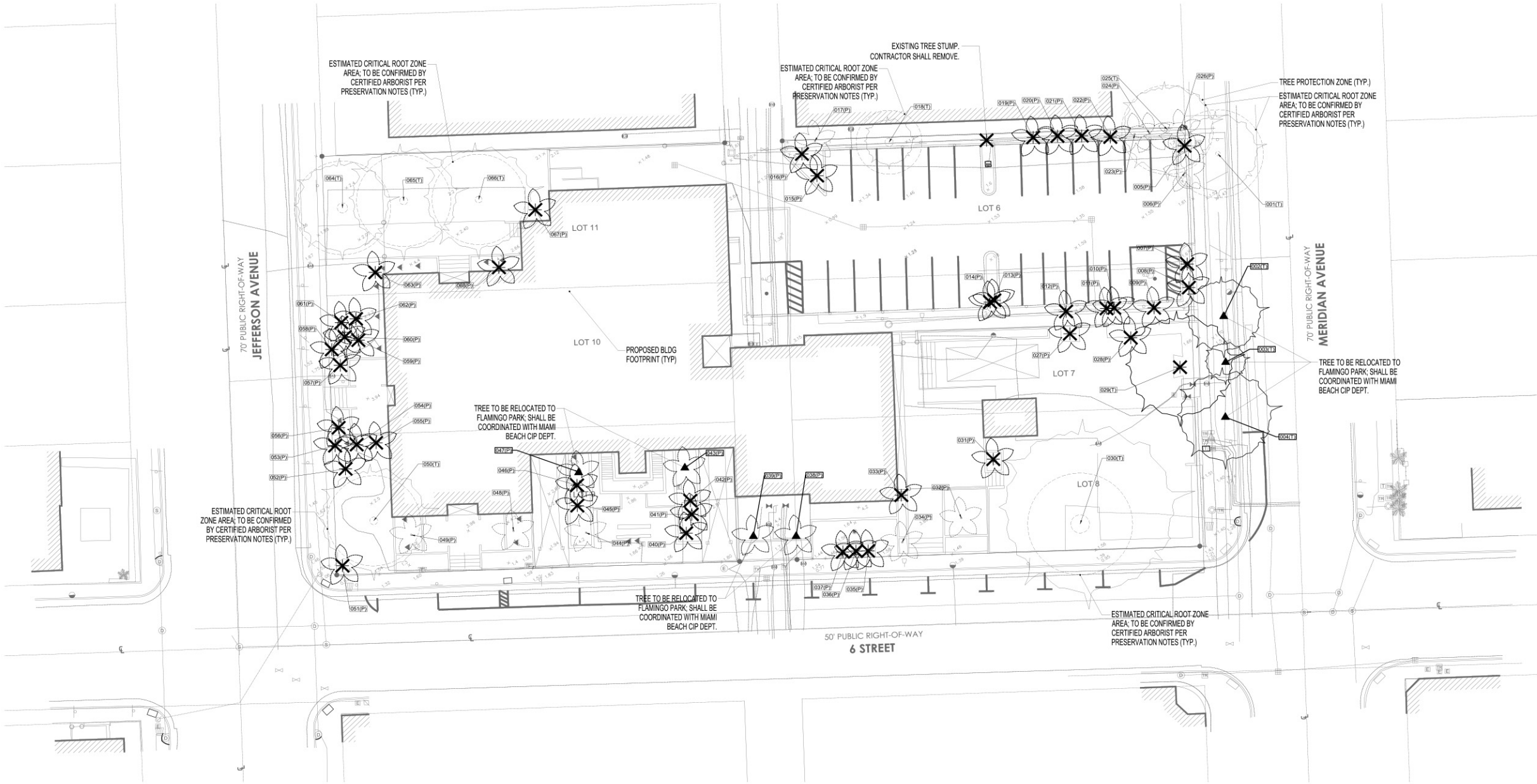
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833 6TH STREET MIAMI BEACH, FL 33139

TREE DISPOSITION SCHEDULE

LD-002

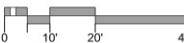
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1 TREE DISPOSITION PLAN

1:20

- CRITICAL ROOT ZONE
- TREE / PALM TO BE RELOCATED
- EXISTING PALM
- TREE / PALM TO BE REMOVED
- EXISTING TREE



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CITY OF MIAMI BEACH
FIRE STATION #01

833 6TH STREET MIAMI BEACH, FL 33139

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DISPOSITION PLAN

LD-101

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MITIGATION SCHEDULES

LP-002

833 6TH STREET MIAMI BEACH, FL 33139

TREE MITIGATION SPECIES:



3 QTY - *QUERCUS VIRGINIANA* 'CATHEDRAL' -
CATHEDRAL LIVE OAK (FIELD GROWN, 16'
MIN OAH, 4" MIN DBH, 8" MIN. SPRD, 7' MIN CT,
FLORIDA NO. 1)

PALM MITIGATION SPECIES:



4 QTY - *CONOCARPUS ERECTUS* - GREEN
BUTTONWOOD (FIELD GROWN, 12' MIN OAH,
3" MIN DBH, STANDARD, FLORIDA NO. 1)



5 QTY - *GUAIACUM SANCTUM* - LIGNUM VITAE
(FIELD GROWN, 12' MIN OAH, 3" MIN DBH,
STANDARD, FLORIDA NO. 1)



13 QTY - *EUGENIA FOETIDA* - SPANISH
STOPPER (FIELD GROWN, 12' MIN OAH, 3" MIN
DBH, MULTI-FORM, FLORIDA NO. 1)

TREE MITIGATION CALCULATOR DATA CHART					
ITEM	SPECIE	TOTAL SUM OF INCHES REMOVED	REQUIRED REPLACEMENT TREES AND MINIMUM SIZE PER CODE		
1	Swietenia mahagoni (Mahogany Tree)	15.5"	/ 6" (1 TREE UNIT) = MIN.	3 TREES	@ 16' HT, 8' Sprd, 4" DBH
TOTAL SUM OF CANOPY MITIGATION TREES REQUIRED				3 TREES	@ 16' HT, 8' Sprd, 4" DBH
TOTAL SUM OF CANOPY MITIGATION TREES PROVIDED				3 TREES	@ 16' HT, 8' Sprd, 4" DBH
TOTAL DEFICIENCY OF MITIGATION				0 TREES	@ 16' HT, 8' Sprd, 4" DBH
PALM MITIGATION CALCULATOR DATA CHART					
ITEM	SPECIE	TOTAL NUMBER OF REMOVALS	TREE UNIT PER PALM EXCEEDING 15' OA HT	REQUIRED REPLACEMENT TREES AND MINIMUM SIZE PER CODE	
2	Archontophoenix alexandreae (Alexander Palm)	3	x 1 = MIN.	3 TREES	@ 12' HT, 6' Sprd, 2" DBH
4	Livistona chinensis (Chinese Fan Palm)	3	x 1 = MIN.	3 TREES	@ 12' HT, 6' Sprd, 2" DBH
5	Phoenix reclinata (Wild Date Palm)	1	x 1 = MIN.	1 TREES	@ 12' HT, 6' Sprd, 2" DBH
6	Sabal palmetto (Cabbage Palm)	13	x 1 = MIN.	13 TREES	@ 12' HT, 6' Sprd, 2" DBH
7	Thrinax radiata (Florida Thatch Palm)	2	x 1 = MIN.	2 TREES	@ 12' HT, 6' Sprd, 2" DBH
TOTAL SUM OF PALM MITIGATION TREES REQUIRED				22 TREES	@ 12' HT, 6' Sprd, 2" DBH
TOTAL SUM OF PALM MITIGATION TREES PROVIDED				22 TREES	@ 12' HT, 6' Sprd, 2" DBH
TOTAL DEFICIENCY OF MITIGATION				0 TREES	@ 12' HT, 6' Sprd, 2" DBH
TOTAL DEFICIENCY OF MITIGATION:				0 TREES	



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OAA PROJECT NUMBER: 04107

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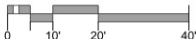
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REQUIRED TREES VS. PROVIDED TREES					
MINIMUM LANDSCAPE REQUIRED BY CODE					
FUTURE LAND USE LANDSCAPE REQUIREMENTS (RM-1 FLU):					
CODE REQUIREMENT	CALCULATION	REQUIRED # OF TREES/SHRUBS	PROVIDED # OF TREES/SHRUBS	PLANTED OFFSITE	TREE SPECIFICATIONS
28 Trees / Acre of Net Lot Area	1.03 ACRES x 28 (45,000 SQFT)	29	24	5	12' HEIGHT, 6' SPREAD, 2" DBH
12 shrubs / number of required trees	29 Req Trees x 12	348	5746	0	18-24" HEIGHT, 18" SPACING
Small Trees (Large Shrubs) shall be 10% of required shrubs	348 Req Shrubs x .10	35	35	0	6' HEIGHT, 4' SPREAD
LANDSCAPE BUFFER REQUIREMENTS:					
CODE REQUIREMENT	TOTAL REQUIRED # OF TREES/SHRUBS	EXISTING # OF TREES/SHRUBS	PROPOSED # OF TREES/SHRUBS	PLANTED OFFSITE	TREE SPECIFICATIONS
Trees planted at max. spacing of 20' OC	15	2	8	5	12' HEIGHT, 6' SPREAD, 2" DBH
Continuous screening of shrubs between land uses OR vines with approved fencing	327	0	327	0	18-24" HEIGHT, 18" SPACING
LANDSCAPE AREAS IN PERMANENT PARKING LOTS REQUIREMENTS:					
CODE REQUIREMENT		REQUIRED # OF TREES/SHRUBS	PROVIDED # OF TREES/SHRUBS	PLANTED OFFSITE	TREE SPECIFICATIONS
Trees at end of parking rows		6	5	1	MIN. 12' HEIGHT, 6' SPREAD, 2" DBH
Shrubs at end of parking rows		743	743	0	18-24" HEIGHT, 18" SPACING
Tree median every 90 linear feet of parking		1	0	1	MIN. 12' HEIGHT, 6' SPREAD, 2" DBH
STREET TREE REQUIREMENTS:					
CODE REQUIREMENT	TOTAL REQUIRED # OF TREES	EXISTING # OF TREES	PROPOSED # OF TREES	PLANTED OFFSITE	TREE SPECIFICATIONS
Street Trees planted at max. average spacing of 20' o.c.	31	4	10	17	MIN. MATURE HEIGHT OF 20' W/ MIN. CLEAR TRUNK OF 4', MIN. HEIGHT OF 12'-14' OA, & MIN. 3" CALIPER AT TIME OF PLANTING
TOTAL NUMBER OF REQUIRED CANOPY TREES TO BE PLANTED OFFSITE: 29 TREES					

PROPOSED PLANT LIST				
Abbrev	Qty	Scientific Name	Common Name	Specifications
LARGE CANOPY TREES				
BSG	2	Bursera simaruba	Gumbo Limbo	Field Grown, 16' Min OAH, 4" Min DBH, 8' Min. Sprd, Florida No. 1
LSM	5	Lysiloma sabicu	Wild Tamarind Tree	Field Grown, 16' Min OAH, 4" Min DBH, 8' Min. Sprd, 7' Min CT, Florida No. 1
QVL	1	Quercus virginiana	Southern Live Oak	Field Grown, 16' Min OAH, 4" Min DBH, 8' Min. Sprd, 7' Min CT, Florida No. 1
QVC	7	Quercus virginiana 'Cathedral'	Cathedral Live Oak	Field Grown, 16' Min OAH, 4" Min DBH, 8' Min. Sprd, 7' Min CT, Florida No. 1
SMALL CANOPY TREES				
CEG	5	Conocarpus erectus	Green Buttonwood	Field Grown, 12' Min OAH, 3" Min DBH, Standard, Florida No. 1
CES	34	Conocarpus erectus 'Sericea'	Silver Buttonwood	Field Grown, 12' Min OAH, 3" Min DBH, Standard, Florida No. 1
EFS	24	Eugenia foetida	Spanish Stopper	Field Grown, 12' Min OAH, 3" Min DBH, Multi-form, Florida No. 1
LVI	2	Guaiacum sanctum	Lignum vitae	Field Grown, 12' Min OAH, 3" Min DBH, Standard, Florida No. 1
LIG	2	Ligustrum japonicum	Japanese Privet	Field Grown, 12' Min OAH, 3" Min DBH, Multi-form, Florida No. 1
SFS	5	Plumeria obtusa	Singapore Frangipani	Field Grown, 12' Min OAH, 3" Min DBH, Standard, Florida No. 1
PALM TREES				
PES	15	Ptychosperma elegans 'Single'	Solitaire Palm, Single	FG, 8' Wood, Single, Florida Fancy
PET	6	Ptychosperma elegans 'Triple'	Solitaire Palm, Triple	FG, 8' Wood, Triple, Florida Fancy
SHRUBS				
BI	12	Bromeliad imperialis	Imperial Bromeliad	Full to base, 7 gal, 30" o.c.
CME	122	Carissa macrocarpa 'Emerald Blanket'	Dwarf Emerald Blanket Carissa	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 18" O.C.
CCP	73	Chamaedorea cataractarum	Cat Palm	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 4" O.C.
CHI	76	Chrysobalanus icaco 'Horizontalis'	Cocoplum	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
CLU	173	Clusia rosea	Pitch Apple	7 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
DCV	102	Codiaeum variegatum 'Mammy Fire'	Dwarf Corkscrew Croton 'Mammy Fire'	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
DTF	121	Dianella tasmanica 'Variegata'	Variegated Flax Lily	1 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 12" O.C.
DIC	20	Dioon edule	Dioon	1 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 4" O.C.
FMG	205	Ficus microcarpa 'Green Island'	Green Island Ficus	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
LIR	776	Liriope muscari	Lily Turf	1 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 12" O.C.
MSW	507	Microsorium scolopendrium 'Wart Fern'	Wart Fern	1 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 18" O.C.
MCP	59	Muhlenbergia capillaris	Pink Muhly Grass	Full to base, 3 gal, 24" O.C.
MDP	148	Monstera deliciosa	Swiss Cheese Philodendron	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
NBM	114	Nephrolepis biserrata	Macho Fern	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
NEB	222	Nephrolepis exaltata	Boston Fern	3 Gal., Full to Base, 12' OA Ht x 12" Sprd, Max. 2" O.C.
POP	215	Peperomia obtusifolia	Florida Peperomia	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
PBM	66	Philodendron 'Burle Marx'	Philodendron 'Burle Marx'	3 Gal., Full to Base, 2' OA Ht x 2' Sprd, Max. 2" O.C.
PGM	20	Philodendron 'Giganteum'	Giant Philodendron	Full to base, 7 gal, 30" O.C.
PRC	152	Philodendron 'Rojo Congo'	Rojo Congo Philodendron	Full to base, 7 gal, 30" O.C.
PXU	116	Philodendron 'Xanadu'	Philodendron 'Xanadu'	Full to base, 3 gal, 24" O.C.
PMP	33	Podocarpus macrophyllus 'Pringles'	Pringles Podocarpus	Full to base, 3 gal, 24" O.C.
PNW	74	Psychotria nervosa	Wild Coffee	Full to base, 3 gal, 24" O.C.
DPN	180	Psychotria nervosa 'Little Psycho'	Dwarf Wild Coffee	Full to base, 3 gal, 24" O.C.
REL	24	Rhapis excelsa	Lady Palm	Full to base, 15 gal, 36" O.C.
RBM	23	Ruellia brittoniana	Mexican Petunia	Full to base, 3 gal, 24" O.C.
SBC	43	Spartina bakeri	Cordgrass	Full to base, 3 gal, 24" O.C.
TPP	1541	Tradescantia pallida	Purple Queen	Full to base, 1 gal, 12" O.C.
TDF	353	Tripsacum dactyloides	Fakahatchee Grass	Full to base, 3 gal, 24" O.C.
GROUNDCOVERS BY AREA				
	285 sqft	Arachis glabrata	Perennial Peanut	
Notes:				
1. General Contractor shall be responsible for verifying all quantities in accordance to the permitted plant list.				
2. All shrubs shall be free of fungus, insects and from all disease.				
3. All vegetation shall have root balls fully grown into the specified container - recently transplanted material into up-sized containers shall not be accepted.				
4. All quantities of proposed trees and shrubs do not account for mitigated trees. Quantities for mitigated trees can be found in the tree mitigation plan set on sheet L-P201.				

PROPOSED OFF-SITE PLANT LIST				
Abbrev	Qty	Scientific Name	Common Name	Specifications
FUTURE LAND USE LANDSCAPE REQUIREMENTS (6 TREES)				
CEG	2	Conocarpus erectus	Green Buttonwood	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
CES	2	Conocarpus erectus 'Sericea'	Silver Buttonwood	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
EFS	1	Eugenia foetida	Spanish Stopper	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
LANDSCAPE BUFFER REQUIREMENTS (5 TREES)				
CEG	3	Conocarpus erectus	Green Buttonwood	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
CES	2	Conocarpus erectus 'Sericea'	Silver Buttonwood	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
LANDSCAPE AREAS IN PERMANENT PARKING LOTS REQUIREMENTS (2 TREES)				
CES	2	Conocarpus erectus 'Sericea'	Silver Buttonwood	Field Grown, 12' Min OAH, 2" Min DBH, 6' Sprd, Standard, Florida No. 1
STREET TREE REQUIREMENTS (17 TREES)				
CEG	5	Conocarpus erectus	Green Buttonwood	Field Grown, 20' Min Mature Height; 12' Min OAH, 4' Min Clear Trunk, 3" Min Caliper at Time of Planting
CES	3	Conocarpus erectus 'Sericea'	Silver Buttonwood	Field Grown, 20' Min Mature Height; 12' Min OAH, 4' Min Clear Trunk, 3" Min Caliper at Time of Planting
LVI	3	Guaicum sanctum	Lignum vitae	Field Grown, 20' Min Mature Height; 12' Min OAH, 4' Min Clear Trunk, 3" Min Caliper at Time of Planting
QVL	3	Quercus virginiana	Southern Live Oak	Field Grown, 20' Min Mature Height; 12' Min OAH, 4' Min Clear Trunk, 3" Min Caliper at Time of Planting
BSG	3	Bursera simaruba	Gumbo Limbo	Field Grown, 20' Min Mature Height; 12' Min OAH, 4' Min Clear Trunk, 3" Min Caliper at Time of Planting
Notes: 1. General Contractor shall be responsible for verifying all quantities in accordance to the permitted plant list. 2. All shrubs shall be free of fungus, insects and from all disease. 3. All vegetation shall have root balls fully grown into the specified container - recently transplanted material into up-sized containers shall not be accepted. 4. All quantities of proposed trees and shrubs do not account for mitigated trees. Quantities for mitigated trees can be found in the tree mitigation plan set on sheet L-P201.				



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1 TREE MITIGATION PLAN

1:20

TREE MITIGATION SPECIES:

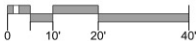
3 QTY - *QUERCUS VIRGINIANA* 'CATHEDRAL' - **CATHEDRAL LIVE OAK** (FIELD GROWN, 16' MIN OAH, 4" MIN DBH, 8' MIN. SPRD, 7" MIN CT, FLORIDA NO. 1)

PALM MITIGATION SPECIES:

4 QTY - *CONOCARPUS ERECTUS* - **GREEN BUTTWOOD** (FIELD GROWN, 12' MIN OAH, 3" MIN DBH, STANDARD, FLORIDA NO. 1)

5 QTY - *GUAIAACUM SANCTUM* - **LIGNUM VITAE** (FIELD GROWN, 12' MIN OAH, 3" MIN DBH, STANDARD, FLORIDA NO. 1)

13 QTY - *EUGENIA FOETIDA* - **SPANISH STOPPER** (FIELD GROWN, 12' MIN OAH, 3" MIN DBH, MULTI-FORM, FLORIDA NO. 1)



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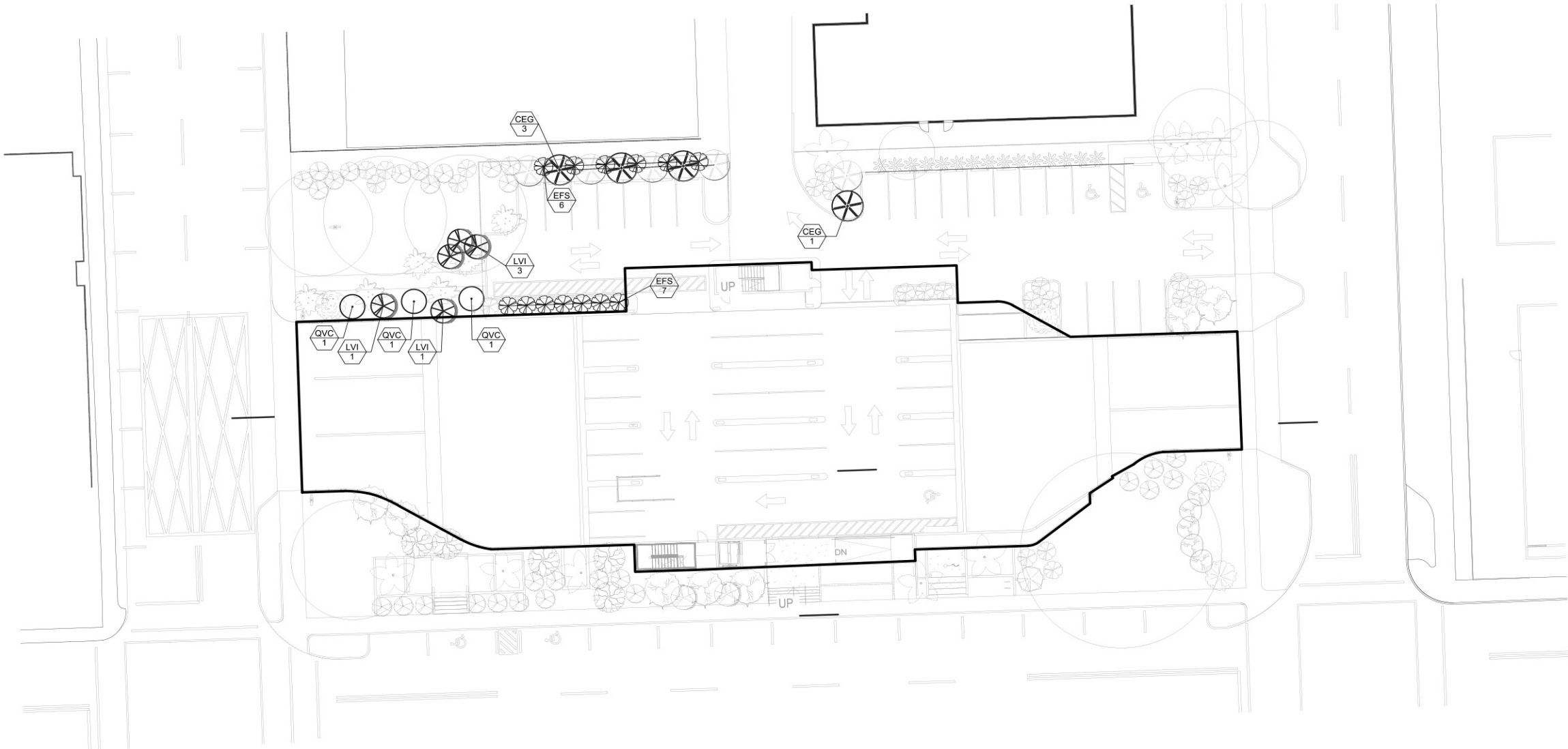
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FIRE STATION #01

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TREE MITIGATION PLAN

LP-201



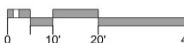
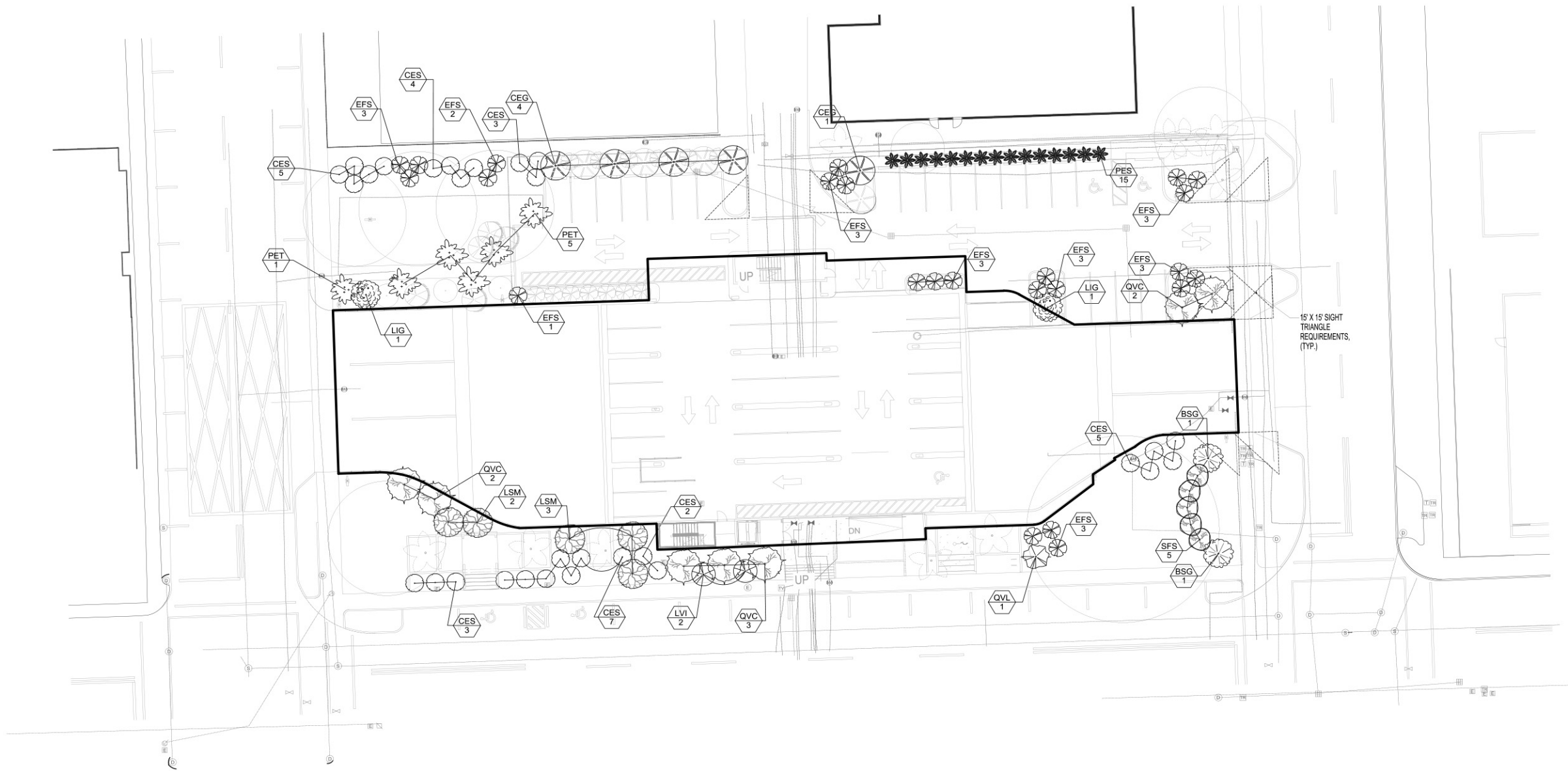
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- | LARGE CANOPY TREES | | SMALL TREES | | PALM TREES | |
|--------------------|--|-------------|---|------------|---|
| BSG |  GUMBO LIMBO
<i>Bursera simaruba</i> | CEG |  GREEN BUTTONWOOD
<i>Conocarpus erectus</i> | PES |  SOLITAIRE PALM, SINGLE
<i>Ptychosperma elegans</i> 'Single' |
| LSM |  WILD TAMARIND TREE
<i>Lysiloma sabicu</i> | CES |  SILVER BUTTONWOOD
<i>Conocarpus erectus</i> 'Sericea' | PET |  SOLITAIRE PALM, TRIPLE
<i>Ptychosperma elegans</i> 'Triple' |
| QVL |  SOUTHERN LIVE OAK
<i>Quercus virginiana</i> | EFS |  SPANISH STOPPER
<i>Eugenia foetida</i> | | |
| QVC |  CATHEDRAL LIVE OAK
<i>Quercus virginiana</i> 'Cathedral' | LVI |  LIGNUM VITAE
<i>Guaiaacum sanctum</i> | | |
| | | LIG |  JAPANESE PRIVET
<i>Ligustrum japonicum</i> | | |
| | | SFS |  SINGAPORE FRANGIPANI
<i>Plumeria obtusa</i> | | |

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CANOPY PLANTING PLAN

LP-301

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1 UNDERSTORY PLANTING PLAN

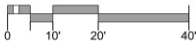
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PROPOSED UNDERSTORY PLANTING

- CME DWARF EMERALD BLANKET CARISSA
Carissa macrocarpa 'Emerald Blanket'
- CCP CAT PALM
Chamaedorea cataractarum
- CHI COCOPLUM
Chrysobalanus icaco 'Horizontalis'
- CLU PITCH APPLE
Clusia rosea
- DCV DWARF CORKSCREW CROTON 'MAMMY FIRE'
Codiaeum variegatum 'Mammy Fire'
- DTF VARIEGATED FLAX LILY
Dianella tasmanica 'Variegata'
- DIC DIOON
Dioon edule
- FMG GREEN ISLAND FICUS
Ficus microcarpa 'Green Island'
- LIR LILY TURF
Liriope muscari
- MSW WART FERN
Microsorium scolopendrium 'Wart Fern'
- MCP PINK MUHLY GRASS
Muhlenbergia capillaris
- MDP SWISS CHEESE PHILODENDRON
Monstera deliciosa

- NBM MACHO FERN
Nephrolepis biserrata
- NEB BOSTON FERN
Nephrolepis exaltata
- POP FLORIDA PEPEROMIA
Peperomia obtusifolia
- PBM PHILODENDRON 'BURLE MARX'
Philodendron 'Burle Marx'
- PGM GIANT PHILODENDRON
Philodendron 'Giganteum'
- PRC ROJO CONGO PHILODENDRON
Philodendron 'Rojo Congo'
- PXU PHILODENDRON 'XANADU'
Philodendron 'Xanadu'
- PMP PRINGLES PODOCARPUS
Podocarpus macrophyllus 'Pringles'
- PNW WILD COFFEE
Psychotria nervosa
- DPN DWARF WILD COFFEE
Psychotria nervosa 'Little Psycho'
- REL LADY PALM
Rhapis excelsa
- RBM MEXICAN PETUNIA
Ruellia brittoniana

- SBC CORDGRASS
Spartina bakeri
- TPP PURPLE QUEEN
Tradescantia pallida
- TDF FAKAHATCHEE GRASS
Tripsacum dactyloides
- PERENNIAL PEANUT
Arachis glabrata



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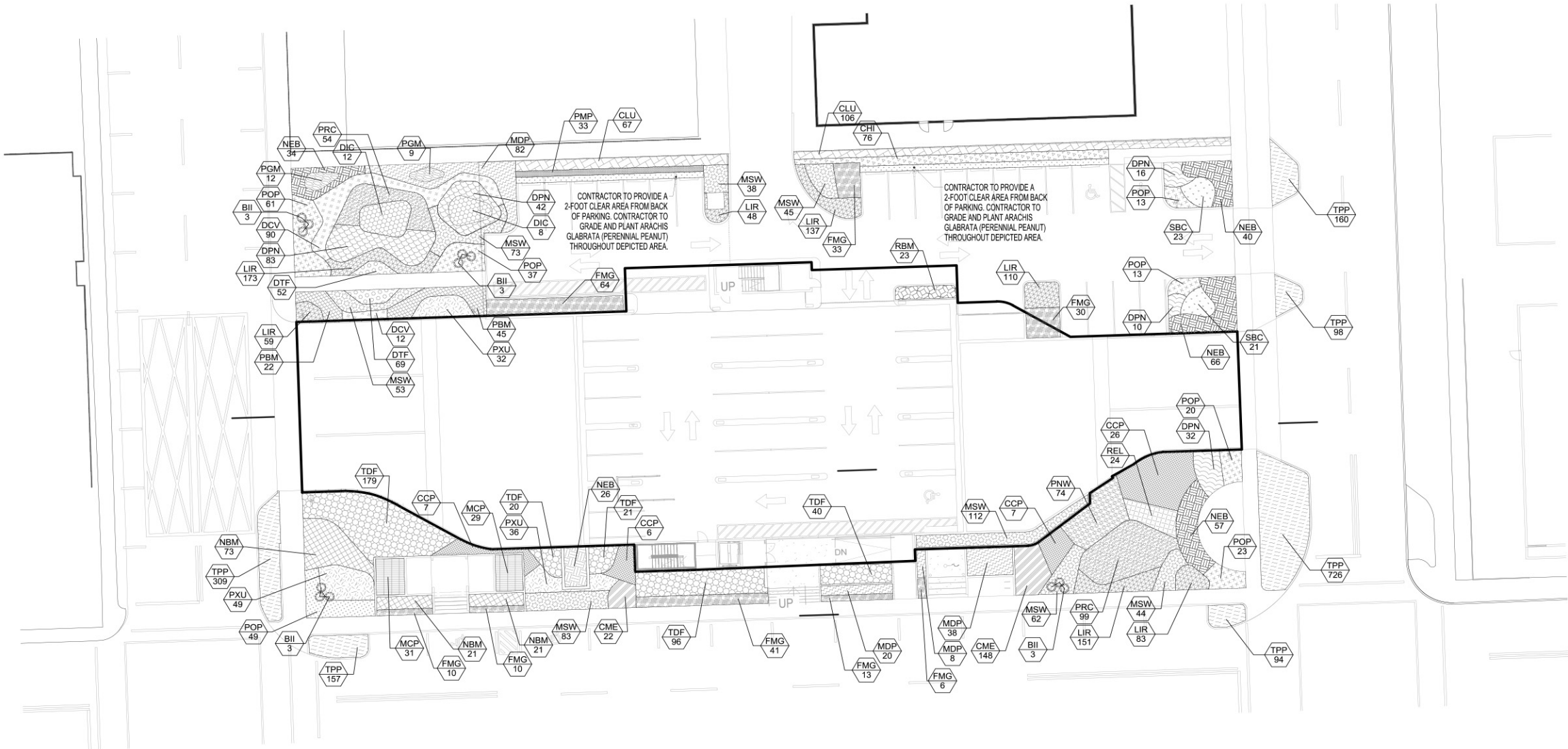
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UNDERSTORY PLANTING PLAN

LP-302



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