

No.	Description	Date	Project number	200004	
		Date		05-11-2020	A.8000
		Drawn by		EK	
		Checked by		EK	

1

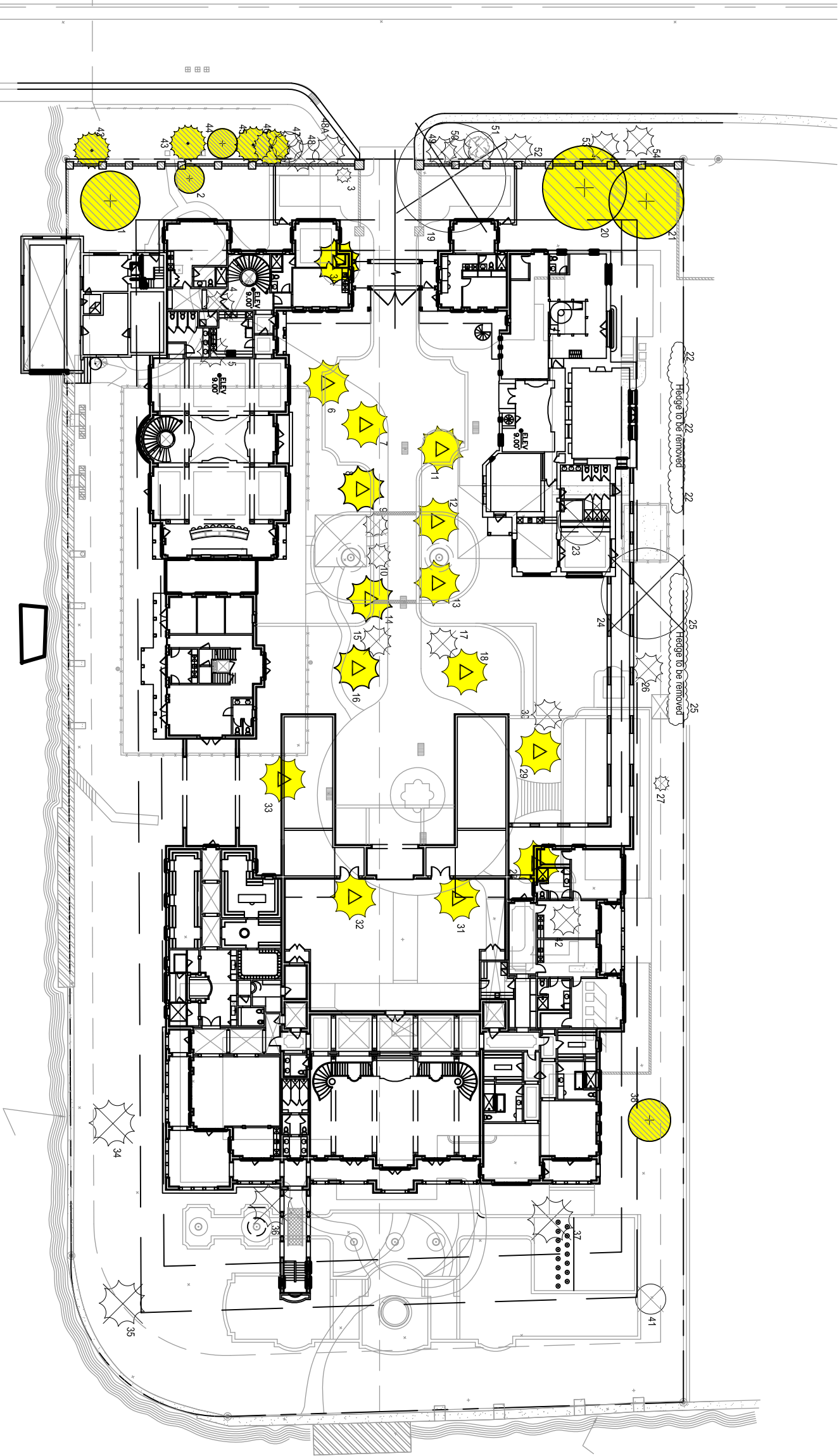
DISPOSITION PLAN

0204080120

0204080120

SCALE IN FEET

NORTH



TREE DISPOSITION LEGEND

TREE/PALM TO REMAIN

TREE/PALM TO REMOVE

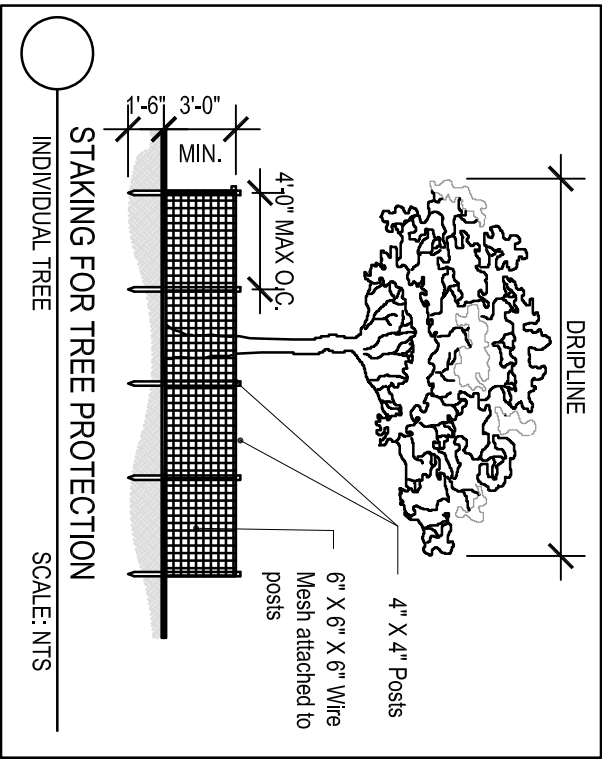
PALM TO RELOCATE

TREE DISPOSITION LIST

Tree #	Scientific Name	Common Name	DBH in inches	Height in feet	Spread in feet	Mitigation	Condition	Dispoistion	Reason for Removal/Relocation
1	Ficus microcarpa	Ficus	84	25	20		Good	Remain	
2	Coccoloba uvifera	Seagrape	24	15	10		Good	Remain	
3	Archontophoenix alexandrae	Alexander Palm	3	25	5		Good	Remove	
3A	Phoenix sylvestris	Sylvester Palm	14	30	15		Good	Remove	
4	Sabal palmetto	Sabal Palm	8	20	10		Good	Remove	
5	Sabal palmetto	Sabal Palm	8	25	10	78.5	Good	Remove	
6	Phoenix sylvestris	Sylvester Palm	14	30	15		Good	Relocate	In the way of new construction
7	Phoenix canariensis	Canary Island Date Palm	24	6	5		Good	Relocate	In the way of new construction
8	Phoenix canariensis	Canary Island Date Palm	24	5	5		Good	Relocate	In the way of new construction
9	Phoenix roebelenii	Pygmy Date Palm	4	8	3		Good	Remove	In the way of new construction
10	Phoenix roebelenii	Pygmy Date Palm	4	8	3		Good	Remove	In the way of new construction
11	Phoenix canariensis	Canary Island Date Palm	18	6	5		Good	Relocate	In the way of new construction
12	Phoenix canariensis	Canary Island Date Palm	18	4	5		Good	Relocate	In the way of new construction
13	Phoenix canariensis	Canary Island Date Palm	18	7	5		Good	Relocate	In the way of new construction
14	Phoenix canariensis	Canary Island Date Palm	18	6	5		Good	Relocate	In the way of new construction
15	Syagrus romanzoffiana	Queen Palm	10	35	10	78.5	Good	Remove	In the way of new construction
16	Phoenix canariensis	Canary Island Date Palm	24	7	10		Good	Relocate	In the way of new construction
17	Syagrus romanzoffiana	Queen Palm	10	30	10	78.5	Good	Remove	In the way of new construction
18	Phoenix canariensis	Canary Island Date Palm	24	7	10		Good	Relocate	In the way of new construction
19	Ficus microcarpa	Ficus	96	35	38	1133.54	Good	Remove	In the way of new construction
20	Coccoloba uvifera	Seagrape	36	25	30		Good	Remain	In the way of new construction
21	Mangifera indica	Mango Tree	18	25	25		Poor	Remain	In the way of new construction
22	Ficus benjamina	Ficus Hedge							
23	Mangifera indica	Mango Tree	14	35	30	706.5	Poor	Remove	In the way of new construction
24	Mangifera indica	Mango Tree	24	35	30	706.5	Poor	Remove	In the way of new construction
25	Caryota mitis	Fishail Plam Hedge							
26	Cocos nucifera	Coconut Palm	10	50	15	176.625	Good	Remove	In the way of new construction
27	Syagrus romanzoffiana	Queen Palm	10	35	0		Dead	Remove	In the way of new construction
28	Phoenix canariensis	Canary Island Date Palm	24	7	10		Good	Relocate	In the way of new construction
29	Phoenix canariensis	Canary Island Date Palm	24	20	10		Good	Relocate	In the way of new construction
30	Cocos nucifera	Coconut Palm	8	25	15	176.625	Good	Remove	In the way of new construction
31	Phoenix sylvestris	Sylvester Palm	13	20	15		Good	Relocate	In the way of new construction
32	Phoenix sylvestris	Sylvester Palm	13	20	15		Good	Relocate	In the way of new construction
33	Phoenix canariensis	Canary Island Date Palm	14.5	7	15		Good	Relocate	In the way of new construction
34	Roystonea elata	Royal Palm	24	35	15	176.625	Poor	Remove	In the way of new construction
35	Roystonea elata	Royal Palm	24	45	15	176.625	Good	Remove	In the way of new construction
36	Phoenix roebelenii	Pygmy Date Palm	4	4	15	176.625	Good	Remove	In the way of new construction
37	Phoenix roebelenii	Pygmy Date Palm	4	4	15	176.625	Good	Remove	In the way of new construction
38	Persea americana	Avocado Tree	8	15	5		Fair	Remain	
39	Missing								
40	Missing								
41	Persea americana	Avocado Tree	10	15	5	19.625	Poor	Remove	In the way of new construction
42	Syagrus romanzoffiana	Queen Palm	12	25	10		Poor	Remain	
42A	Phoenix roebelenii	Pygmy Date Palm	4	15	5		Good	Remain	
43	Syagrus romanzoffiana	Queen Palm	12	35	15		Good	Remain	
44	Pandanus utilis	Pandanus	12	30	10		Good	Remain	
45	Syagrus romanzoffiana	Queen Palm	12	25	15		Good	Remain	
46	Syagrus romanzoffiana	Queen Palm	12	20	15		Good	Remain	
47	Syagrus romanzoffiana	Queen Palm	12	25	15		Good	Remain	
48	Syagrus romanzoffiana	Queen Palm	12	25	15		Good	Remain	
48A	Phoenix roebelenii	Pygmy Date Palm	4	8	10	78.5	Good	Remove	To make room for required street trees
49	Phoenix roebelenii	Pygmy Date Palm	4	8	10	78.5	Good	Remove	To make room for required street trees
50	Phoenix roebelenii	Pygmy Date Palm	4	8	5	19.625	Good	Remove	To make room for required street trees
51	Artemisia ludoviciana	Prairie Sage	8	10	5	19.625	Good	Remove	To make room for required street trees
52	Phoenix roebelenii	Pygmy Date Palm	4	7	10		Good	Remove	To make room for required street trees
53	Archontophoenix alexandrae	Alexander Palm	4	40	5		Good	Remove	To make room for required street trees
54	Phoenix roebelenii	Pygmy Date Palm	4	7	10		Good	Remove	To make room for required street trees

Mitigation Required
Cat 1 Trees Required

4136.165 SF
14 each



TREE AND PALM PROTECTION NOTES:

1. No materials, equipment, spoil, waste or washout water may be deposited, stored or parked within the tree protection zone (fenced area).
2. Additional tree pruning required for clearance during construction must be performed by a certified arborist and not by construction personnel.
3. 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.
4. If injury should occur to any tree during construction, it shall be evaluated as soon as possible by a certified arborist and the landscape architect shall be notified immediately.
5. Any grading, construction, demolition, or other work that is expected to encounter tree roots must be monitored by the landscape contractor.
6. All trees shall be irrigated three times a week. Each irrigation procedure shall wet the soil within the tree protection zone to a depth of 30 inches.
7. Erosion control devices such as silt fencing, debris basins, and water diversion structures shall be installed to prevent site erosion and siltation situations and/or erosion within the tree protection zone.
8. 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.
9. Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
10. If temporary haul or access roads must pass over the root area of trees to be retained, a roadbed of 6 inches of mulch or gravel shall be created to protect the soil. The roadbed material shall be replenished as necessary to maintain a 6-inch depth.
11. Spoil from all excavations shall not be placed within the tree protection zone, either temporary or permanently.
12. No ashes, debris or garbage may be dumped or buried within the tree protection zone.
13. Maintain fire-safe areas around the fences. Also, no heat sources, flames, ignition sources or smoking is allowed near mulch or trees.

Plot

STUDIO

South Miami, FL 33143

LC26000540

5011 PINE TREE DRIVE

Miami Beach, Florida

TREE DISPOSITION LIST AND NOTES

No.

Description

Date

200004

05-11-2020

A.8001

Project number

Drawn by

Checked by

Date

200004

05-11-2020

Project number

200004

05-11-2020

Drawn by

EK

EK

Checked by

EK

EK

Esperanza Kelly

Florida Landscape Architect

LA6667109

TREE AND PALM RELOCATION NOTES:

1. Certified arborist is to be hired to supervise and direct all phases of transplanting trees and palms.
2. Trees to be relocated shall be root pruned a minimum of eight weeks prior to transplanting. Landscape Contractor shall maintain transplanted materials during construction period by watering, moving, spraying, fertilizing, and pruning.
3. The 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 locations prior to digging. Utility trenching is to be coordinated with the landscape architect prior to beginning of project. The owner and landscape architect shall not be responsible for damage to utility or irrigation lines.
4. The landscape contractor shall comply with all local and state codes and shall be responsible for obtaining all applicable permits.
5. The landscape contractor shall regularly inspect the relocated materials to ensure compliance with standard horticultural practices
6. The landscape contractor is responsible for guaranteeing the transplanted trees and palms for a period of one year. At the time of the final inspection all transplanted trees and palms that are not in a healthy growing condition shall be replaced by the landscape contractor with similar species and size.
7. Root pruning and transplanting operations: The landscape contractor shall take all precautions to minimize shock of root pruning and transplanting in accordance with standard arboriculture procedures including:
 - a. The diameter of the root-pruning or transplanting circle shall be at a distance away from the trunk equal to 12 times each inch of trunk diameter at breast height.
 - b. All small roots shall be cleanly cut with a sharp spade, a clean saw or chainsaw depending on the size of the root.
 - c. Trees shall not be pruned at transplanting to compensate for root loss. Any trimming required shall be as per the International Society of Arboriculture Trimming Standards.
 - d. For all palms except Sabal palmetto, the lower fronds shall be pruned leaving 9-11 fronds that can be tied without an extensive amount of weight that may damage the heart of the palm. The Sabal palmetto shall have all fronds cut without damaging the bud.
 - e. After root pruning trees, backfill roots to original existing grade with existing soil free of any deleterious material to root growth.
 - f. Provide a minimum of 3" mulch over backfill area to prevent weed growth, conserve moisture and prevent evaporation. Keep mulch 6" away from the trunk.
 - g. Provide tree protection as per tree protection detail to ensure that the tree or root system is not damaged during the root-pruning period.
 - h. After root pruning, during root regeneration period trees shall be watered as per standard horticultural practices.
 - i. Immediately prior to transplanting tie the branches of the tree up to avoid damage.
 - j. The root ball shall be wrapped with burlap to protect the soil around the roots and protect the roots from drying out at time of moving from the hole.
 - k. Finish cutting of root ball for transplanting.
 - l. Transplanting must occur within 24 hours after being dug for relocation.

Trees/Palms should be kept in shade and the canopy kept moist.

- m. Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
- n. The depth of the new hole shall be minimum equal to the depth of the root ball and the width shall be minimum equal to three times the width of the root ball. The landscape contractor is to verify that all new holes have appropriate percolation. The landscape contractor is to report to the landscape architect if water percolation does not meet requirements for healthy plant growth.
- o. Trees and palms shall be lifted from the ground with heavy equipment designed specifically for tree relocation so that the trunk and crown is not impacted and damaged by the equipment.
- p. The slings used to lift the trees and heavy weight palms shall be non-binding nylon type slings that are wrapped under the root ball to support the weight of tree or heavy palm. Slings shall not be solely wrapped around the trunk of the tree that can cause damage, girdling and result in decline and death of the tree.
- q. The slings used to lift the lighter weight palms shall be non-binding nylon type slings that are wrapped around the trunk to support the weight of the palm. Padding the sling may be necessary so that the trunk or "boots" are not damaged.
- r. Tree should be planted 2" max higher than their original planting level prior to relocation. Palms shall be planted at the same elevation prior to relocation. The tree and palm shall be centrally positioned in the planting hole and set straight, plumb or normal to the growth pattern prior to transplanting.
- s. The trees and palms shall be backfield with existing soil free of deleterious material to plant growth.
- t. Trees and palms shall be deep root watered to eliminate air pockets in the backfill mix prior to mulching.
- u. A 6" saucer shall be created around the edge of the plant pit to help hold water (refer to planting detail for additional information).
- v. Provide a minimum of 3" layer of mulch over saucer and backfill area outside saucer to prevent the weed growth, conserve moisture and prevent evaporation. Keep mulch 6" away from the trunk.
- w. Install tree and palm bracing as per details to ensure stability of tree and palm.
- x. Over the guarantee period the landscape contractor is responsible for resetting any trees/palms that are not vertical when caused by winds less than 75 MPH.
- y. After transplanting trees and palms, the landscape contractor shall be responsible for obtaining water and watering to maintain soil moisture during the guarantee period at a minimum of:

First month	Daily
Second month	3 times per week
Third-fourth month	2 times per week
Last eight months	1 time per week.

For trees over 4" in caliper at the time of planting, the schedule should be:

First 6 weeks	Daily
7 weeks-6 months	3 times per week,
last 6 months	1 time per week.

8. Before beginning work, the Contractor is required to meet with the landscape architect at the site to review all work procedures, access routes, storage areas and tree protection measures.

9. Fences shall be erected to protect trees to be preserved. Fences define a specific protection zone from each tree or group of trees. 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. Refer to tree and palms protection detail.

10. Construction trailers, traffic and storage areas must always remain outside fenced areas.

11. All underground utilities and drain or irrigation lines shall be routed outside the tree protection zone. If lines must traverse the protection area, they shall be funneled or bored under the tree line.

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	No.	Description	Date	Project number	200004					A.8002
				Date	05-11-2020					
				Drawn by	EK					
				Checked by	EK					

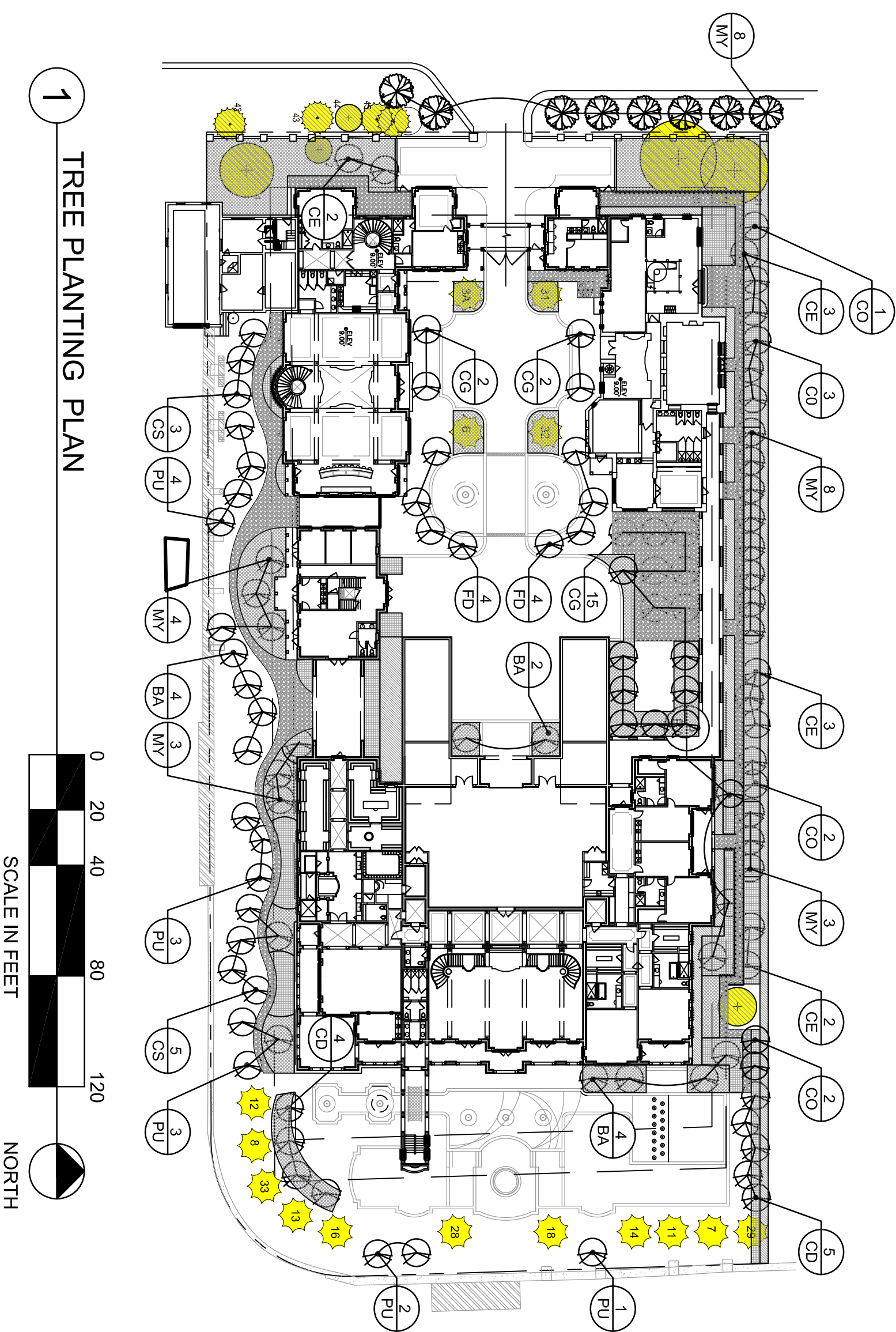
Esperanza Kelly
Florida Landscape Architect
LA6667109

No.	Description	Date
	Project number	200004
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Esperanza Kelly

Florida Landscape Architect

LA6667109



LANDSCAPE LEGEND

TREE/PALM TO REMAIN

RELOCATED PALMS

PROPOSED TREES
(82 Site and 14 Mitigation)

PROPOSED STREET TREES

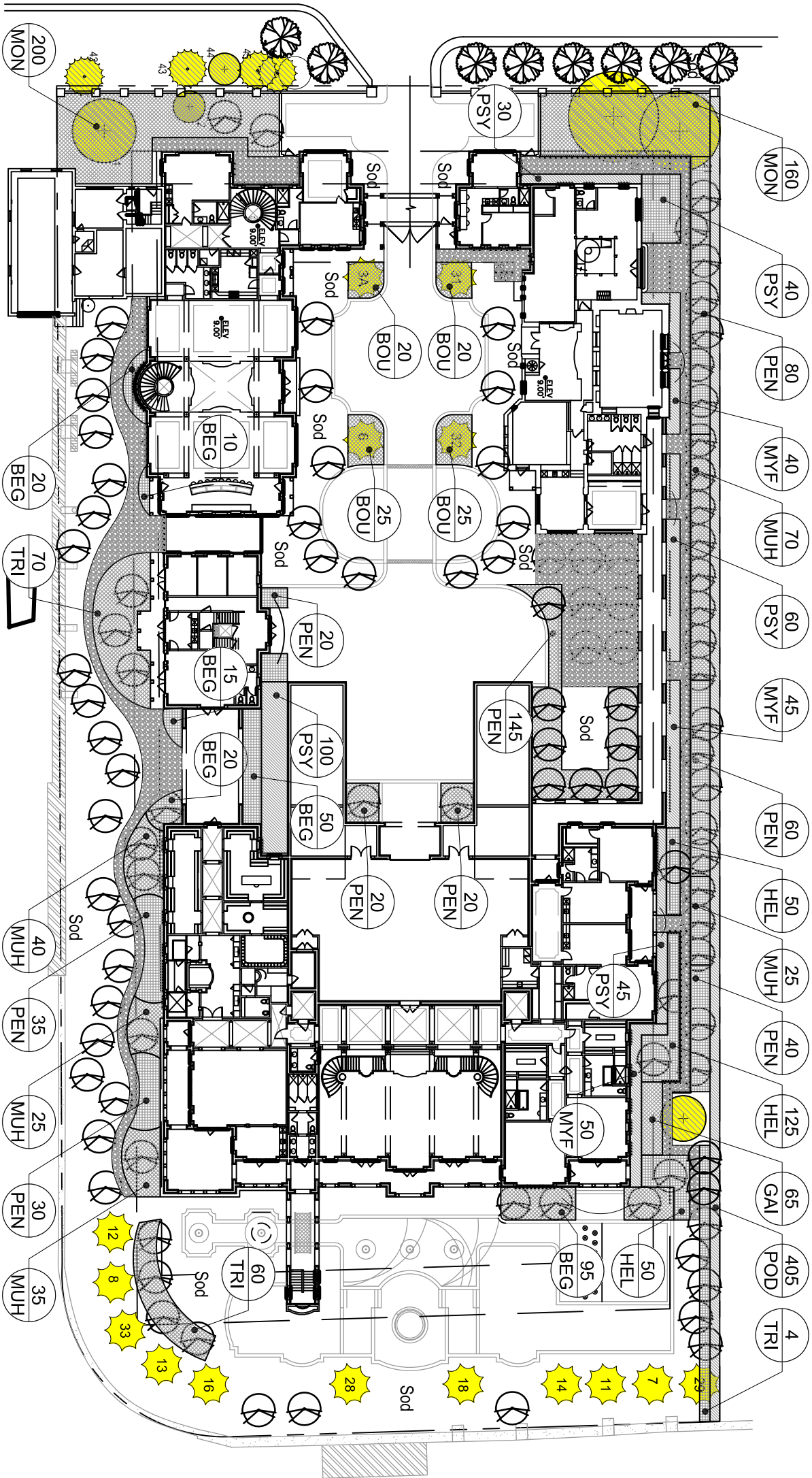
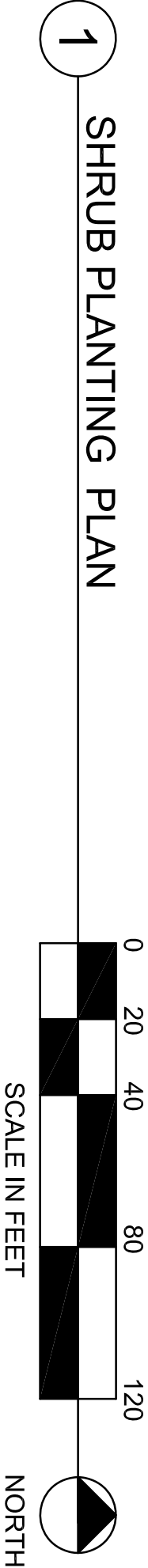
PROPOSED CRUSHED SEASHELL

PROPOSED LARGE SHRUBS

PROPOSED SHRUBS

Refer to Plant List on sheet L-202 for specifics

No.	Description	Date
	Project number	200004
	Date	05-11-2020
	Drawn by	EK
	Checked by	EK



LANDSCAPE LEGEND

TREE/PALM TO REMAIN

RELOCATED PALMS

PROPOSED TREES
(82 Site and 14 Mitigation)

PROPOSED STREET TREES

PROPOSED CRUSHED SEASHELL

PROPOSED LARGE SHRUBS

PROPOSED SHRUBS

Refer to Plant List on sheet L-202 for specifics

CITY OF MIAMI BEACH - LANDSCAPE LEGEND

ZONING DISTRICT RS-2 Lot Area: 82,713 SF Acres: 1.89 ACRE

OPEN SPACE

A. Square feet of required Open Space, as indicated on Site Plan:
Lot Area = 82,713sf x 50% = 41,356 s.f.

A. Total Open Space

B. Total Square feet of lawn allowed:
41,356 x 50% = 20,678 s.f.

A. Total Lawn Provided

TREES

A1. Number of trees required per lot up to 6,000 sf lot 5 Trees
A2. An additional tree per extra 1,000 sf of remaining 76,713 sf = 77 Trees

B. % Palms allowed: Number of trees provided x 30% =

C. % Natives required: Number of trees provided x 30% =

D. % Drought tolerant and low maintenance:
Number of trees required x 50% =

E. Street trees (maximum average spacing of 20' o.c.):
203' linear feet along street/20 =

G. Mitigation Trees: 14 Category 1 Trees

H. Total amount of trees required

SHRUBS

A. The total number of trees required x 12 = the number of shrubs required =
B. The number of shrubs required x 50% = the number of native shrubs require

LARGE SHRUBS OR SMALL TREES

A. Large shrubs or small trees required: .10% of required shrubs
B. The number of shrubs required x 50% = the number of native shrubs require

* 2 Street trees short, to be planted elsewhere as directed by the city or paid into the tree trust fund

Plot

STUDIO

South Miami, FL 33143

LC26000540

5011 PINE TREE DRIVE

Miami Beach, Florida

LANDSCAPE LEGEND

AND PLANT LIST

No.

Description

Date

Project number

05-11-2020

200004

Drawn by

Checked by

EK

EK

A9.002

PLANT LIST					
QTY	SYM	SCIENTIFIC NAME	COMMON NAME	SPECIFICATIONS	NATIVE
TREES					
13	BA	Bulnesia arborea	Verawood	12' ht. x 6' sp., 2" cal.,	
19	CG	Caesalpinia granadillo	Bridalveil	12' ht. x 6' sp., 2" cal.,	
9	CD	Coccoloba diversifolia	Pigeon Plum	12' ht. x 6' sp., 2" cal.,	Yes
10	CE	Conocarpus erectus	Green Buttonwood	12' ht. x 6' sp., 2" cal.,	Yes
8	CO	Conocarpus erectus 'Sericeus'	Silver Buttonwood	12' ht. x 6' sp., 2" cal.,	Yes
8	CS	Cordia sebestena	Orange Geiger Tree	12' ht. x 6' sp., 2" cal.,	Yes
8	FD	Filicium decipiens	Fern Tree	12' ht. x 6' sp., 2" cal.,	
26	MY	Myrciathes fragrans	Simpson's Stopper	12' ht. x 6' sp., 2" cal.,	Yes
13	PU	Pandanus utilis	Screw Pine	12'ht. x 6' sp., 2 cal.,Multi-Trunk	
LARGE SHRUBS/SMALL TREES					
135	MYF	Myrciathes fragrans	Simpson's Stopper	3 gal, 24" ht. min., 24" oc	Yes
275	PSY	Psychotria nervosa	Wild Coffee	3 gal, 24" ht. min., 24" oc	Yes
405	POD	Podocarpus macrophyllus	Podocarpus	3 gal. 24" ht. min., 12" oc	
SHRUBS					
90	BOU	Bougainvillea spp.	Dwarf Bougainvillea	3 gal, 24" ht. min., 24" oc,	
210	BEG	Begonia odorata 'Alba'	White Angel	3 gal. 18" ht. min., 24" oc	
65	GAI	Gaillardia pulchella	Blanket Flower	1 gal. 12" ht. min., 18" oc	Yes
225	HEL	Helianthus debilis	Beech Sunflower	1 gal. 12" ht. min., 18" oc	Yes
360	MON	Monstera deliciosa	Swiss Cheese Plant	3 gal, 24" ht. min., 36" oc	
195	MUH	Muhlenbergia capillaris	Muhly Grass	1 gal. 12" ht. min., 30" oc	Yes
450	PEN	Pennisetum villosum	White Fountain Grass	1 gal. 12" ht. min., 30" oc	
170	TRI	Tipsacum floridana	Dwarf Fakahatchee Grass	3 gal, 24" ht. min., 30" oc	Yes
GRASS					
as req	SOD	Stenotaphrum secundatum	St Augustine Sod	Solid sod	

PERVIOUS LANDSCAPE OPEN SPACE

FRONT YARD			SIDE YARD			BACK YARD		
Required/Allowed	Provided	Required/Allowed	Provided	Required/Allowed	Provided	Required/Allowed	Provided	Required/Allowed
(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)	(SF)
Pervious	9162	10889	7310	14229	9486	9854		
Impervious	9162	8725	7310	321	4065	3697		
Total Area	18324		14620		13551			

Esperanza Kelly
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LA6667109