



ARCHITECT OF RECORD : JUAN FARACH, AR0006930
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PROJECT # 2203
 ISSUE DATE: OCTOBER 20, 2024
 REVISION:
 REV # DESCRIPTION DATE

DESIGNER:



PROJECT:

**SOFI 935
 MULTI-FAMILY BUILDING**

ADDRESS:

935 2nd SREET, MIAMI BEACH, FL 33139

DRAWING:

**EXISTING TREE
 DISPOSITION
 PLAN**

DRAWING No:

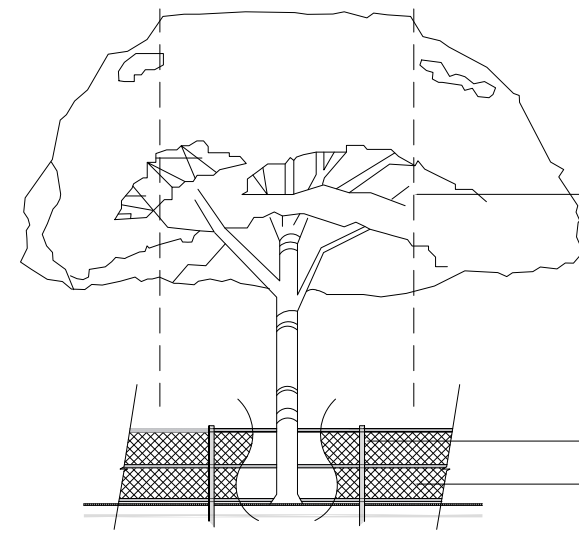
L-01

TREE PROTECTION NOTES

- 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.
- 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 ANSI A300 STANDARDS.
- Fences shall be erected to protect trees to be preserved. Fences define a specific Tree Protection Zone (TPZ) for 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 PROTECTION ZONE (TPZ) DETAIL.
- Construction trailers, traffic and storage areas must remain outside fenced areas at all times.
- 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 tunneled or bored under the tree.
- No materials, equipment, spoil, or waste or washout water may be deposited, stored, or parked within the tree protection zone (fenced area).
- Additional tree pruning required for clearance during construction must be performed by a ISA qualified arborist AS PER ANSI A300 STANDARDS, and not by construction personnel.
- 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.
- If injury should occur to any tree during construction, it should be evaluated as soon as possible by the Landscape Contractor and the Landscape Architect should be notified immediately.
- Any grading, construction, demolition, or other work that is expected to encounter tree roots must be monitored by the Landscape Contractor.
- All trees shall be irrigated three times a week. Each irrigation procedure shall wet the soil within the tree protection zone, 2-3 GALLONS OF WATER PER INCH OF TRUNK CALIPER.
- All trees to remain on-site shall be fertilized three times per year using a granular 8-12-12 "Palm Special" product at standard rates. Fertilizer shall be broadcast on the ground beneath the canopy of each tree and watered in.
- 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 zones.
- 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.
- Any roots damaged during grading or construction shall be exposed to sound tissue and cut cleanly with a saw.
- 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.
- Spoil from trenches, basements, or other excavations shall not be placed within the tree protection zone, either temporarily or permanently.
- 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.
- Maintain fire-safe areas around fenced areas. Also, no heat sources, flames, ignition sources, or smoking is allowed near mulch or trees.

TREE/PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES/PALMS THAT ARE TO REMAIN, BE PROTECTED OR BE RELOCATED

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.



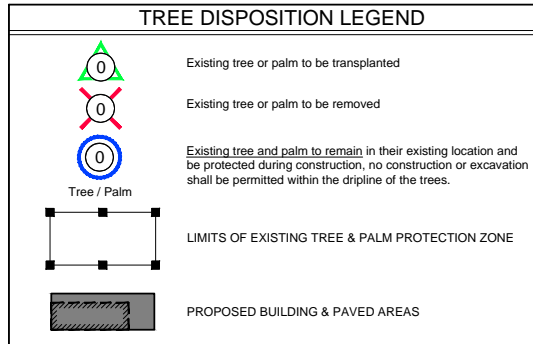
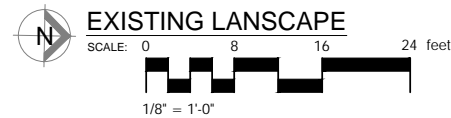
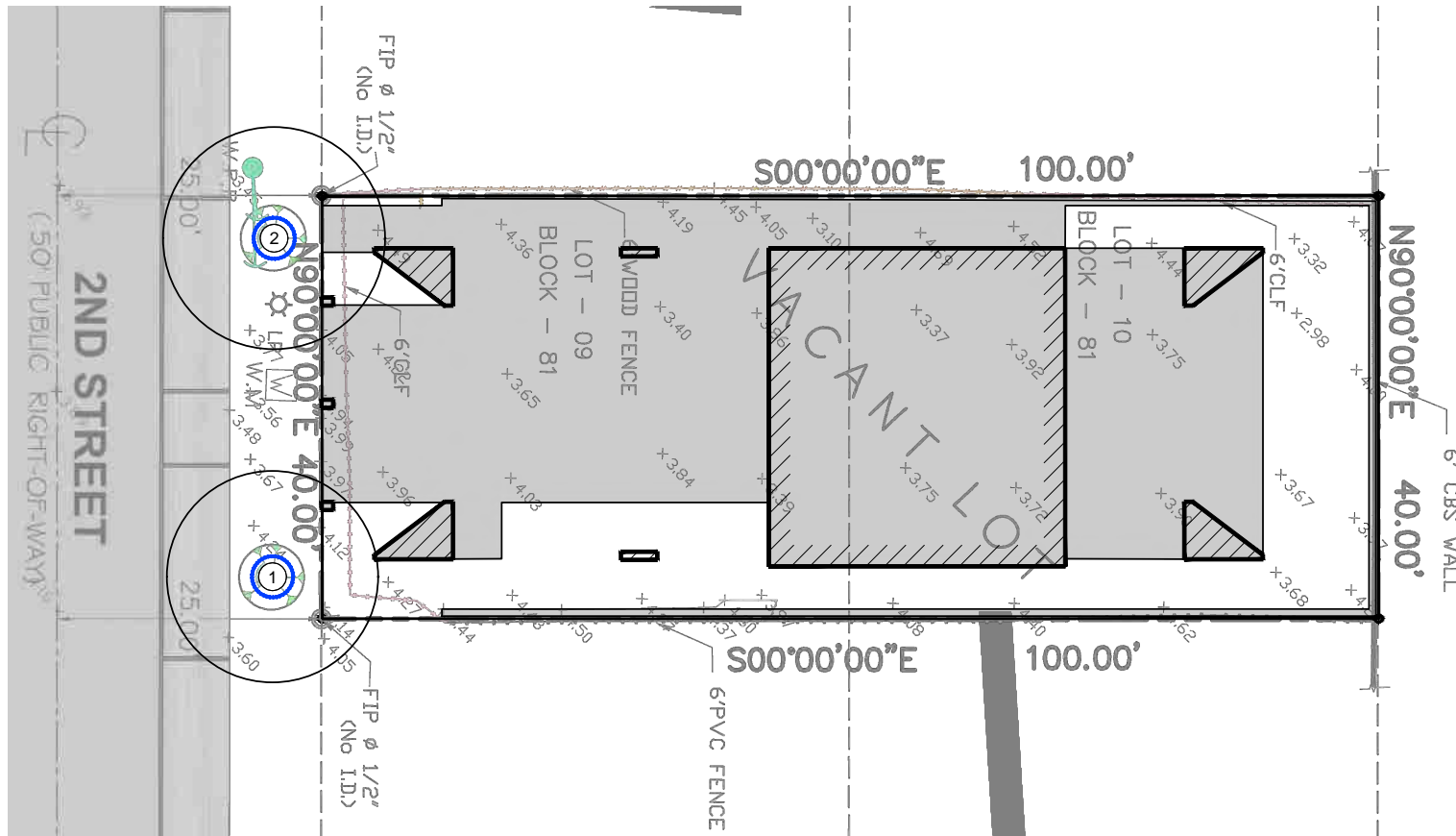
IN NO CASE SHALL THE FENCE BE INSTALLED LESS THAN TEN FEET FROM THE TRUNK

TREE + PALM PROTECTION BARRIERS TO EXTEND BEYOND THE 'DRIPLINE' OR TO THE 'CRITICAL ROOT ZONE AREA' OF ALL TREES/PALMS TO BE PROTECTED. EXTEND WHERE NECESSARY TO PROTECT TREE CANOPY ROOTS

BARRIERS SHALL BE A MINIMUM OF FOUR FEET HIGH, AND SHALL BE CONSTRUCTED OF CONTINUOUS CHAIN LINK FENCE WITH METAL POSTS AT EIGHT-FOOT SPACING OR 2"x4" POSTS WITH THREE EQUALLY SPACED 2"x4" RAILS. POSTS MAY BE SHIFTED TO AVOID ROOTS.

PROTECTION DETAIL NOTE:
 CONTRACTOR TO INSTALL 'TREE/PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

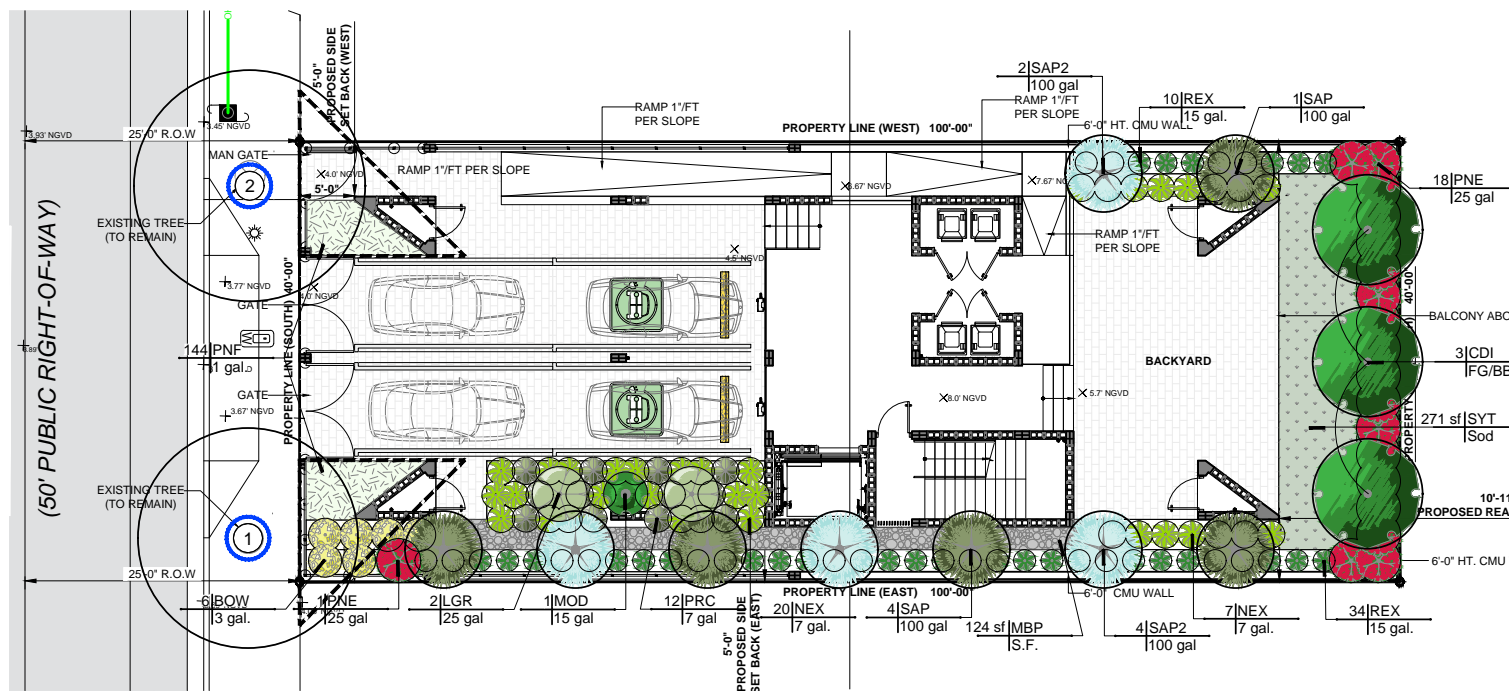
C.M.B. TREE / PALM PROTEC. DETAIL



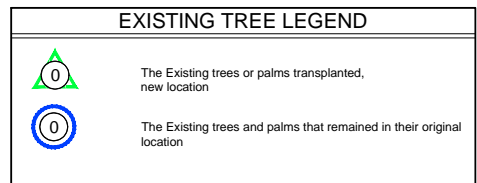
Row No.	Scientific Name	Common Name	Diameter / DBH (in)	Height (ft)	Spread / Canopy (ft)	CRZ Radius (ft)	TPZ Radius (ft)	Condition	Disposition	Mitigation (in)	Comments
1	Caecypria granadillo	Bridalveil Tree	5	20	20	3	3	Good	Remain		ROW Tree
2	Caecypria granadillo	Bridalveil Tree	5	20	21	3	3	Good	Remain		ROW Tree
Total to Mitigate (in)										0	+0Tree

TREE DISPOSITION SUMMARY				
	TOTAL	REMAIN	REMOVE	RELOCATE
TREES	2	2	0	0
PALMS	0	0	0	0





GROUND FLOOR LANDSCAPE PLAN
SCALE: 0 8 16 24 feet
1/8" = 1'-0"



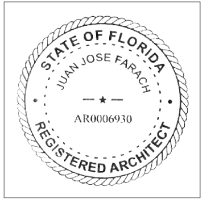
15' x 15' Visibility Triangle:
Will not be allowed to contain any objects (landscaping / fence) in a manner as to impair visibility between a height of 2'-6" to 10'-0" (typical throughout)

PLANT SCHEDULE GROUND FLOOR

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	DBH	HGT	SRD	REMARKS
TREES									
CDI		3	Coccoloba diversifolia	Pigeon Plum	FG/BB	4"	16' OA	8'	STD - Florida Native - Miami-Dade Landscape Manual - Drought Tolerant - 7 F CT
PALM TREES									
SAP2		4	Sabal palmetto	Cabbage Palmetto	100 gal	12"	10' GW		Booted - Florida Native - Miami-Dade Landscape Manual
SAP		5	Sabal palmetto	Cabbage Palmetto	100 gal	12"	8' GW		Booted - Florida Native - Miami-Dade Landscape Manual
SYMBOL CODE QTY BOTANICAL NAME COMMON NAME CONT HGT WIDTH REMARKS									
SHRUBS									
BOW		6	Begonia odorata 'Alba'	White Begonia	3 gal.	1.5'	1.5'		Miami-Dade Landscape Manual
MOD		1	Monstera deliciosa	Ceriman	15 gal	4'-5'	4'		Miami-Dade Landscape Manual
NEX		35	Nephrolepis exaltata	Boston Fern	7 gal.	2'	2.5'		Florida Native - Miami-Dade Landscape Manual
PRC		12	Philodendron x 'Rojo Congo'	Rojo Congo Philodendron	7 gal	3'	2.5'		
REX		44	Rhapis excelsa	Lady Palm	15 gal.	4' OA	2'		Shade Grown - Hedge type - Miami-Dade Landscape Manual
LARGE SHRUBS OR SMALL TREES									
LGR		2	Licuala grandis	Licuala Palm	25 gal	6' OA	4'-5'		Florida Native - Drought Tolerant - Miami-Dade Landscape Manual
PNE		19	Psychotria nervosa	Wild Coffee	25 gal	6' OA	4'		Florida Native - Drought Tolerant - Miami-Dade Landscape Manual
SYMBOL CODE QTY BOTANICAL NAME COMMON NAME CONT HGT SRD SPACING REMARKS									
GROUND COVERS									
PNF		144	Phylla nodiflora	Frogfruit	1 gal.			9" o.c.	Florida Native
AGGREGATES									
MBP		124 sf	Mexican Black Pebbles	Black Pebbles	S.F.				
SOD/SEED									
SYT		271 sf	Synthetic turf	Artificial Grass	Sod				



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PROJECT # 2203
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DESIGNER:



PROJECT:

SOFI 935 MULTI-FAMILY BUILDING

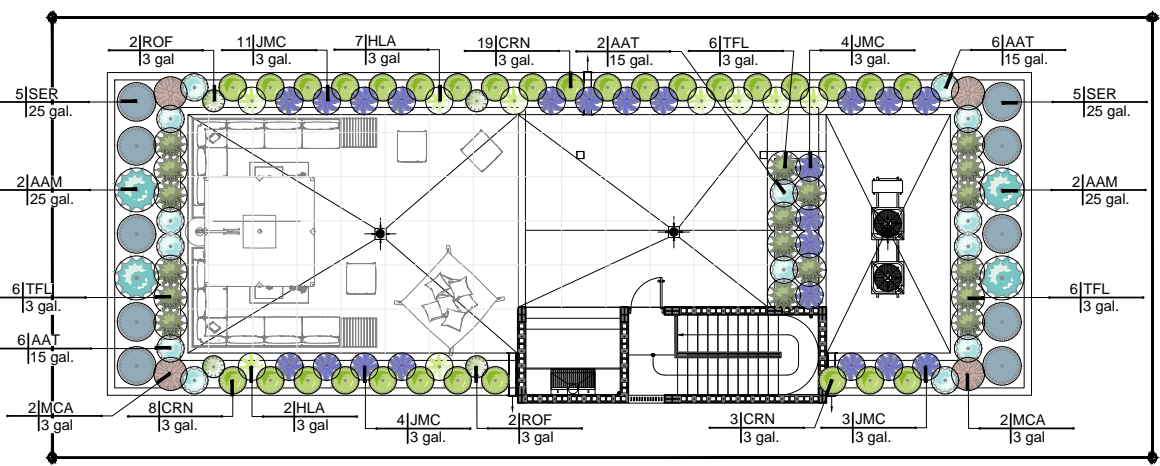
ADDRESS:

935 2nd SREET, MIAMI BEACH, FL 33139

DRAWING:

GROUND FLOOR and ROOF TOP TERRACE LANDSCAPE PLAN

DRAWING No:



ROOF TOP TERRACE FLOOR LANDSCAPE PLAN
SCALE: 0 8 16 24 feet
1/8" = 1'-0"

PLANT SCHEDULE ROOF TOP TERRACE

SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	HGT	WIDTH	REMARKS
SHRUBS								
AAM		4	Agave americana 'Super Blue'	Century Plant Blue	25 gal.	3'	3'	Miami-Dade Landscape Manual - Drought Tolerant
AAT		14	Agave attenuata	Foxtail Agave	15 gal.	2.5' OA	2.5'	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
CRN		30	Clusia rosea 'Nana'	Dwarf Pitch Apple	3 gal.	2'	2.5'	Florida Native - Drought Tolerant
HLA		9	Hymenocallis latifolia	Spider Lily	3 gal	2'	2'	Drought Tolerant - Miami-Dade Landscape Manual
MCA		4	Muhlenbergia capillaris	Pink Muhly Grass	3 gal	2'	2'	Leaves may be used (fresh or dried) in a variety of cooking applications
ROF		4	Rosmarinus officinalis	Rosemary	3 gal	2.5'	1.5'	Florida Native - Miami-Dade Landscape Manual - Drought Tolerant
SER		10	Serenoa repens 'Cinerea'	Saw Palmetto	25 gal.	3'	3'	Florida Native - Drought Tolerant
JMC		22	Stachytarpheta jamaicensis	Blue Porterweed	3 gal.	2'	2'	Florida Native - Drought Tolerant
TFL		18	Tripsacum floridanum	Florida Gamagrass	3 gal.	2'	2'	Florida Native

EXISTING TREE LIST

No.	Scientific Name	Common Name	Diameter (DBH) (in)	Height (ft)	Spread / Canopy (ft)
1	Caesalpinia granadillo	Bridalveil Tree	5	20	20
2	Caesalpinia granadillo	Bridalveil Tree	5	20	21



L-02



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DESIGNER:

DERICK LANGEL
Landscape Architect LA666705
www.alllandscapedata.net & .com
4459 NW 97 CT / Doral, FL 33178
Ph: 305.303.7059



Digitally signed by
Derick Langel
Date: 2025.05.04
18:51:50-04'00'

PROJECT:

SOFI 935
MULTI-FAMILY BUILDING

ADDRESS:

935 2nd SREET, MIAMI BEACH, FL 33139

DRAWING:

LANDSCAPE LEGEND, PL/SCHEDULE & IMAGES

DRAWING No:

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.



LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District RPS-1 Lot Area 4,000 SF Acres 0.09

OPEN SPACE

	REQUIRED/ ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>4,000 s.f.</u> x <u>60</u> % = <u>2,400 s.f.</u>	<u>2,400 SF</u>	<u>2,650 SF</u>
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u>N/A</u> x <u>10</u> s.f. parking space =	<u>N/A</u>	<u>N/A</u>
C. Total square feet of landscaped open space required: A+B=	<u>2,400 SF</u>	<u>2,650 SF</u>

LAWN AREA CALCULATION

A. Square feet of landscaped open space required	<u>2,400 SF</u>	<u>2,650 SF</u>
B. Maximum lawn area (sod) permitted= <u>20</u> % x <u>2,650</u> s.f.	<u>530 SF</u>	<u>271 SF</u>

TREES

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>22</u> trees x <u>0.09</u> net lot acres - number of existing trees=	<u>2</u>	<u>3</u>
B. % Natives required: Number of trees provided x 30%=	<u>1</u>	<u>3</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	<u>1</u>	<u>3</u>
D. Street Trees (maximum average spacing of 20' o.c.) <u>40.00</u> linear feet along street divided by 20'=	<u>2</u>	<u>(2 Existing)</u> <u>2</u>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u>N/A</u> linear feet along street divided by 20'=	<u>N/A</u>	<u>N/A</u>

SHRUBS

A. Number of shrubs required: Sum of lot and street trees required x 12=	<u>48</u>	<u>209</u>
B. % Native shrubs required: Number of shrubs provided x 50%=	<u>105</u>	<u>128</u>

LARGE SHRUBS OR SMALL TREES

A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	<u>21</u>	<u>21</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	<u>11</u>	<u>19</u>

NATIVE AND DROUGHT TOLERANT PLANTS LIST									
Type	Total	Native			Drought Tolerant				
		Required	Provided	%	Required	Provided	%		
Trees	3	30%	1	3	100%	50%	2	3	100%
Undersized tree	0	0%	0	0	0%	0%	0	0	0%
Palms	9	0%	0	9	100%	0%	0	9	100%
Street Tree	2	30%	1	2	100%	50%	1	2	100%
Total Tree	5	30%	2	5	100%	50%	3	5	100%
Large Shrubs	21	50%	11	19	90%	50%	11	19	90%
Shrubs	209	50%	105	128	61%	50%	105	111	53%
Total Shrubs	230	50%	115	147	64%	50%	115	130	57%

