

**lucido & associates**  
 7812 Ocean Blvd., Street, Florida 34094 (772) 333-2785, Fax (772) 333-8533  
 185 Avenue A Suite 2A, Fort Pierce, Florida 34950 (772) 487-1351, Fax (772) 487-1333  
 827 North Thornton Avenue, Orlando, Florida 32803 (407) 898-9621, Fax (407) 898-9748

**Key / Location:**

**Project Team:**  
 Client & Property Owner: Mariner Sands County Club, Inc.  
 6500 SE Mariner Sands Drive  
 Stuart, FL 34987  
 Land Planner / Landscape Architect: Lucido & Associates  
 701 East Ocean Blvd.  
 Stuart, FL 34984  
 Engineer / Surveyor: Bowman Consulting  
 501 SE Port St Lucie Blvd, Suite 101  
 Port St Lucie, FL 34984

# Mariner Sands PUD Clubhouse Tract RC-2

Mariner County, Florida

## Landscape Plan

Date	By	Description
11.17.22	SAW	Review
3.16.23	SAW	1st Resubmittal

**North**

SCALE: 1" = n.t.s.

0' 0' 0' 0'

REG. # 1518  
Thomas P. Lucido

Designer	SAW	Sheet
Manager	MC	
Project Number	22-130	
Municipal Number		
Computer File	22-130 Mariner Sands Clubhouse Landscape	

© Copyright Lucido & Associates. These documents and their contents are the property of Lucido & Associates. Any reproduction, revision, modification or use of these documents without the express written consent of Lucido & Associates is prohibited by law.

Site Data

Total Site Area: 121,000 sf / 2.78 ac  
Existing Zoning: Limited Industrial  
Proposed Zoning: PUD-R  
Future Land Use Designation: PUD-R  
Existing Use: Clubhouse  
Proposed Use: Clubhouse  
Parcel Control Number: 29-38-42-002-000-00003-6

Sec 4.663.A Landscape Design Standards	Required	Provided
1. Min 20% of Total Site Area to be Landscaped:	24,200 sf (20%)	41,864 sf (35%)



























3.b Non Residential 1 tree per 2,500sf:  
48 Trees 61 Trees  
New Trees (100% native) @ 1:1 = (37 Trees)  
(Existing trees to remain @ 1:1 = 6 trees )  
(Royal and Thatch Palms @ 2:1 = 7 trees )  
(Sabal Palms @ 3:1 = 11 trees )

\* 100 % of the required landscaping is native

Landscape Notes:

- Alternative plant species for required landscape may be permitted provided that native species provided on this plan are supplemented by requisite native species, such substitutions shall be provided on a revised plan prior to the Martin County Growth Management Department prior to installation.  
- All prohibited exotic or invasive species shall be removed from the entire site prior to the issuance of a Certificate of Occupancy.  
- All required landscaping shall be installed prior to the issuance of a Certificate of Occupancy.  
- No Cypress Marsh is to be used on site. Eucalyptus or Melaleuca Mutch is to be used in a 2' consistent layer in all planting beds.  
- Enhanced landscaping beyond minimum requirements will conform to all applicable sections of the Martin County Landscape Development Regulations. As-built drawings will be submitted to Martin County Growth Management with Certification of Landscaping Installation and Maintenance.  
- This plan has been designed to meet the tree planting requirements contained within the FPL document entitled "Plant the Right Tree in the Right Place".  
- For existing or proposed utilities, no tree shall be planted where it could, at mature height conflict with overhead power lines.  
- Large trees (height at maturity of more than 30') shall be planted no closer than a horizontal distance of 30' from the nearest overhead power line.  
- Medium height trees (height at maturity between 20' and 30') shall be offset at least 20' and small trees (height at maturity of less than 20') require no offset. - No tree shrubs, hedges or vines shall be planted within 5' of an existing or proposed utility pole, guy wire or post-mounted transformer.  
- Palms should be planted at a distance equal to or greater than the average frond length plus two (2) feet from power lines.  
- Tree species shall be selected so as to minimize conflicts with existing or proposed utilities.  
- Encroachments into required buffers and landscape areas by vehicles, boats, mobile homes or trailers shall not be permitted, and required landscape areas shall not be used for the storage of or sale of materials or products or the parking of vehicles and equipment.  
- The property owner, or successors in interest, or agent, if any, shall be jointly and severally responsible for the following:  
a. Regular maintenance of all landscaping to be kept alive and in good condition and in a way that presents a healthy, neat, and orderly appearance. All landscaping shall be maintained free from disease, pests, weeds, and litter. Maintenance shall include weeding, watering, fertilizing, pruning, mowing, mulching and other maintenance, as needed and in accordance with acceptable horticultural practices. b. Repair or replacement of required walls, fences, or structures to a structurally sound condition.  
c. Regular maintenance, repair or replacement, where necessary, of any screening or buffering required by the divisor.  
d. Perpetual maintenance to prohibit the re-establishment of harmful exotic species within landscaping and preservation areas, and  
e. Replacement of any required landscaping in easement areas that may be disturbed by future maintenance.  
- Landscape architect of record to supervise the supplemental native landscaping within the buffer.

PLANT SCHEDULE CLUBHOUSE

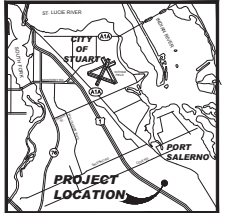
TREES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	CALIPER	
	BS2	7	Bursera simaruba	Gumbo Limbo	65G	14' HT	6' SPR		Native	3" Caliper	
	COG	4	Conocarpus erectus	Buttonwood	FG	12' HT	6' W		Native	2" Caliper	
	CON	6	Conocarpus erectus sericeus	Silver Buttonwood	FG	12' HT	5' SPR		Native	2" Caliper	
	CS	5	Cordia sebestena	Orange Geiger Tree	65G	8' HT	4' SPR	F, SP	Native		
	IC3	3	Ilex cassine	Dahoon Holly	FG	12' HT	6' SPR	F, SP	Native	3" Caliper	
	QV	7	Quercus virginiana	Southern Live Oak	FG	14' HT	6' SPR	F, SP	Native	3" Caliper	
	QV3	5	Quercus virginiana	Southern Live Oak	FG	16'-18' OA	6'-8' sprd	F, SP	Native	4.5" Caliper	
	DC	1	Senna polyphylla	Desert Cassia	45G	6' HT	3' W	F, SP	Non-native		
PALMS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	CALIPER	
	BS	4	Bismarckia nobilis 'Silver'	Silver Bismarck Palm	FG	16'-18' OA		HVY CAL, SP	Non-native		
	RO2	7	Roystonia regia	Florida/Cuban Royal Palm	FG	10' CT	20' W	F, SP, No Scars	Native		
	SP	34	Sabal palmetto	Sabal Palm	FG	10'-18' CT	10' W	HVY CAL, SP	Native		
	TR	8	Thrinax radiata	Florida Thatch Palm	65G	6' OA			Native		
	WB	5	Wodyetia bifurcata	Foxtail Palm	FG	10' CT		Full Head, Str, Specimen	Non-native		
	WB2	1	Wodyetia bifurcata	Foxtail Palm Double	FG	10' CT		Triple, Full Heads, SP	Non-native		
SHRUBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	CH4	183	Chrysobalanus icaco 'Green Tip'	Green Tip Coco Plum	3G	24" HT	18"W				
	CHR2	69	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	3G	24" HT	24"W	F, SP	Native		
	COD	42	Codiaeum variegatum 'Mammy'	Mammy Croton	3G	24" HT	18"W	FTB, SP	Non-native		
	CE2	86	Conocarpus erectus	Buttonwood	3G	24" HT	18"	FTB, SP	Native		
	CES	48	Conocarpus erectus 'Sericeus'	Silver Buttonwood	3G	24" HT	24"W	F	Native		
	HAM2	31	Hamelia patens 'Compacta'	Dwarf Firebush	3G	24" HT	18"W	FTB	Native		
	JAT	6	Jatropha integririma	Jatropha	15G	4' HT	3' W	STD, SP	Non-native		
	LEF	15	Leucophyllum frutescens	Texas Sage	3G	24" HT	18"W		Non-native		
	MFF	22	Myrciathos fragrans	Simpson's Stopper	3G	24" HT	24"W		Native		
	PB	37	Psychotria ligustrifolia	Bahama Coffee	7G	24" OA		F	Native		
	STU	36	Stachytarpheta jamaicensis	Blue Portenweed	3G	24" HT	18"W	F	Native		
	TRF	108	Tripsacum floridana	Florida Gamma Grass	3G	24" OA	18"W	F	Native		
ACCENTS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	ALI	10	Alcantarea imperialis	Imperial Bromeliad	7G	24" HT		SP	Non-native		
	ABIS	12	Andropogon skinneri	Big Red Bromeliad	7G	24" HT		SP	Non-native		
	CTB	6	Cordyline terminalis 'Black Magic'	Black Magic Ti Plant	7G	4' HT	3' W	F, SP	Non-native		
	CAQ	11	Citrus augustum 'Queen Emma'	'Queen Emma' Citrus	7G	24" HT	36" W	F, SP	Non-native		
	CRI	9	Citrus sp.	Green Citrus	7G	24" HT	34"W	F, SP	Native		
	ZAF	13	Zamia furfuracea	Cardboard Palm	7G	24" HT	24"W	F	Native		
SHRUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	CLD	447	Clusia guifferea nana	Dwarf Clusia	3G	12" HT	12" W		Native	18" o.c.	
	NMB	87	Nephrolepis litorata	Macho Fern	3G	24" OA			Native	30" o.c.	
GRASSES	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	MUH	338	Muhlenbergia capillaris	Pink Muhly	3G	24" HT		F	Native	24" o.c.	
GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	LS	769	Lex vomboria 'Stokes Dwarf'	Dwarf Yaupon	1G	12" HT	12" W	Full	Native	18" o.c.	
	LB	94	Linopoe muscari 'Big Blue'	Big Blue Lilyturf	3G	12" OA		F	Non-native	18" o.c.	
	PMO	156	Podocarpus macrophyllus 'Dwarf Pringles'	Dwarf Podocarpus	3G	12" HT	12" W	FTB	Non-native	18" o.c.	



**lucido & associates**

701 E Ocean Blvd., Street, Florida 34904 (772) 333-2766, Fax (772) 333-0333  
185 Avenida A Suite 2A, Fort Pierce, Florida 34950 (772) 487-1301, Fax (772) 487-1333  
827 North Thornton Avenue, Orlando, Florida 32803 (407) 898-9621, Fax (407) 898-9798

**Key / Location:**



**Project Location**

N.T.S.

**Project Team:**

**Client & Property Owner:** Mariner Sands County Club, Inc.  
6500 SE Mariner Sands Drive  
Stuart, FL 34997

**Land Planner / Landscape Architect:** Lucido & Associates  
701 East Ocean Blvd  
Stuart, FL 34994


**Engineer / Surveyor:** Bowman Consulting  
601 SE Port St Lucie Blvd, Suite 101  
Port St Lucie, FL 34984

# Mariner Sands PUD Clubhouse Tract RC-2


Martin County, Florida

## Plant Schedule


Date	By	Description
11.17.22	SAW	Review
3.16.23	SAW	1st Resubmittal



SCALE: 1" = n.t.s.



0 0' 0' 0'



REG. # 1018  
Thomas P. Lucido

Designer --- Sheet

Manager ---

Project Number ---

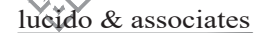
Municipal Number ---

Computer File --- 22-130 Mariner Sands Clubhouse Landscap

# LA 2

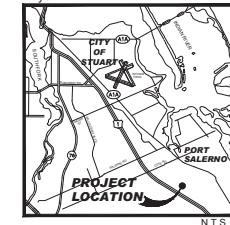
© Copyright Lucido & Associates. These documents and their contents are the property of Lucido & Associates. Any reproduction, revision, modification or use of these documents without the express written consent of Lucido & Associates is prohibited by law.





701 E Ocean Blvd., Stuart, Florida 34994	(772) 220-2100, Fax (772) 223-0220
100 Avenue A Suite 2A, Fort Pierce, Florida 34950	(772) 467-1301, Fax (772) 467-1303
827 North Thornton Avenue, Orlando, Florida 32803	(407) 898-9521, Fax (407) 898-8766

**Key / Location:**



---

Project Team:

**Client & Property Owner:** Mariner Sands Country Club, Inc.  
6500 SE Mariner Sands Drive  
Stuart, FL 34997

Land Planner /  
Landscape Architect: Lucido & Associates  
701 East Ocean Blvd.  
Stuart, FL 34994

Engineer / Surveyor: Bowman Consulting  
501 SE Port St Lucie Blvd, Suite 101  
Port St Lucie, FL 34984

Mariner Sands PUD  
Clubhouse  
Tract RC-2

Martin County, Florida

## Tree Removal and Compensation Plan

Date	By	Description
11.17.22	SAW	Review
3.16.23	SAW	1st Resubmittal



Response	Percentage
Too high	80%
Too low	20%



REG. # 101

Designer SAW Sheet  
 Manager MC  
 Project Number 22-130  
 Municipal Number ---  
 Computer File 22-130 Mariner Sands Clubhouse Landscape Plan

© Copyright Lucido & Associates. These documents and their contents are the property of Lucido & Associates. Any reproductions, revisions, modifications or use of these documents without the express written consent of Lucido & Associates is prohibited by law.

