

Site Data

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

Sec 4.663.A Landscape Design Standards 1. Min 20% of Total Site Area 24,200 sf (20%) 41,864 sf (35%) 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) 3.b Non Residential 1 tree per 2,500sf:

Landscape Notes:

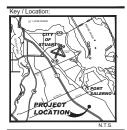
Landscape Notes:

Alternative pair sepons for required to present any order of the raises species provided on the first sepons provided on the second pair of the present of the present of the present of the second pair of the second of the

Considerable the regards before year and telescope issue by several production of the patrice or witness permitted, and required before a research of the contract of the patrice or the p

REES	CODE	QTY	E CLUBHOUSE BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE	CALIPER	
₩	BS2	7	Bursera simaruba	Gumbo Limbo	65G	14" HT	6' SPR		Native	3* Caliper	
\odot	cog	4	Conocarpus erectus	Buttonwood	FG	12° HT	6.M		Native	2* Caliper	
\odot	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	llex cassine	Dahoon Holly	FG	12' HT	6' SPR	F, SP	Native	3* Caliper	
0	qv	7	Quercus virginiana	Southern Live Oak	FG	14" HT	6' SPR	F, SP	Native	3" Caliper	
\(\rightarrow \)	QV3	5	Quercus virginiana	Southern Live Oak	FG	16'-18' OA	6'-8' sprd	F, SP	Native	4.5" Caliper	
\odot	DC	1	Senna polyphylla	Desert Cassia	45G	6'HT	3. M	F, SP	Non-native		
MS	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		
*	R02	7	Roystonea regia	Florida/Cuban Royal Palm	FG	10°CT	20° W	F, SP, No Scars	Native		
0	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	Footail 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		
UBS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER			NOTES	NATIVE		
<u> </u>	CHH	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		
0	COD	42	Codiaeum variegatum 'Mammey'	Mammey Croton	3G	24" HT	18"W	FTB, SP	Non-native		
0	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		
②	HAM2	31	Hamelia patens 'Compacta'	Dwarf Firebush	3G	24" HT	18"W	FTB	Native		
0	JAT	6	Jatropha integerrima	Jatropha	15G	4° HT	3.M	STD, SP	Non-native		
0	LEF	15	Leucophyllum frutescens	Texas Sage	3G	24" HT	18"W		Non-native		
0	MFF	22	Myrcianthes fragrans	Simpson's Stopper	3G	24" HT	24*W		Native		
0	PIB	37	Psychotria ligustrifolia	Bahama Coffee	7G	24" OA		F	Native		
₩	STU	36	Stachytarpheta jamaicensis	Blue Porterweed	3G	24" HT	18"W	F	Native		
(+)	TRF	108	Tripsacum floridana	Florida Gamma Grass	3G	24" OA	18"W	F	Native		
CENTS	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
#	ALI	10	Alcantarea imperialis	Imperial Bromeliad	7G	24" HT		SP	Non-native		
Ф	ABS	12	Androlepis skinneri	Big Red Bromeliad	7G	24" HT		SP	Non-native		
*	ств	6	Cordyline terminalis 'Black Magic'	Black Magic Ti Plant	7G	4° HT	3.M	F, SP	Non-native		
*	CAQ	11	Crinum augustum 'Queen Emma'	'Queen Emma' Crinum	7G	24" HT	36" W	F, SP	Non-native		
0	CRI	9	Crinum sp.	Green Crinum	7G	24" HT	24"W	F, SP	Native		
*	ZAF	13	Zamia furfuracea	Cardboard Palm	7G	24" HT	24*W	F	Native		
RUB AREAS	CODE	QTY	BOTANICAL NAME	COMMON NAME		HEIGHT	WIDTH	NOTES	NATIVE		
	CLD	447	Clusia guttifera nana	Dwaft Clusia	3G	12"HT	12'W		Native		18" o.c.
	NMB	97 QTY	Nephrolepis biserrata	Macho Fern COMMON NAME	3G	24" OA	MIDTH	NOTE	Native		30° o.c.
ASSES 010101010			BOTANICAL NAME	Pink Muhly	CONTAINER	HEIGHT	WIDTH	NOTES	NATIVE		
	MUH	338	Muhlenbergia capillaris	· ·	3G CONTAINER	24"HT		NOTES	Native		24" o.c.
OUND COVERS	4	QTY 769	BOTANICAL NAME llex vomitoria 'Stokes Dwarf'	COMMON NAME Dwarf Yaupon	1G	HEIGHT 12"HT	WIDTH 12°W	Full	NATIVE Native		18" o.c.
	LBB	94	Liriope muscari 'Big Blue'	Big Blue Lilyturf	3G	12" OA		F	Non-native		18" o.c.
	PMO	156		Dwarf Podocarpus	3G	12"HT	12°W	FTB	Non-native		18" 0.0
	- MO	100	Podocarpus macrophyllus 'Dwarf Pringles'	Swall Podocarpus	100	12 111	1.2 vv	l,	-von-native	1	1.0 U.C.





Engineer / Surveyor: Bowman Consulting 501 SE Port St Lucie Blvd, Suite 101 Gund Or Lucie, F1 34504

Mariner Sands PUD Clubhouse Tract RC-2

Martin County, Florida

Plant Schedule

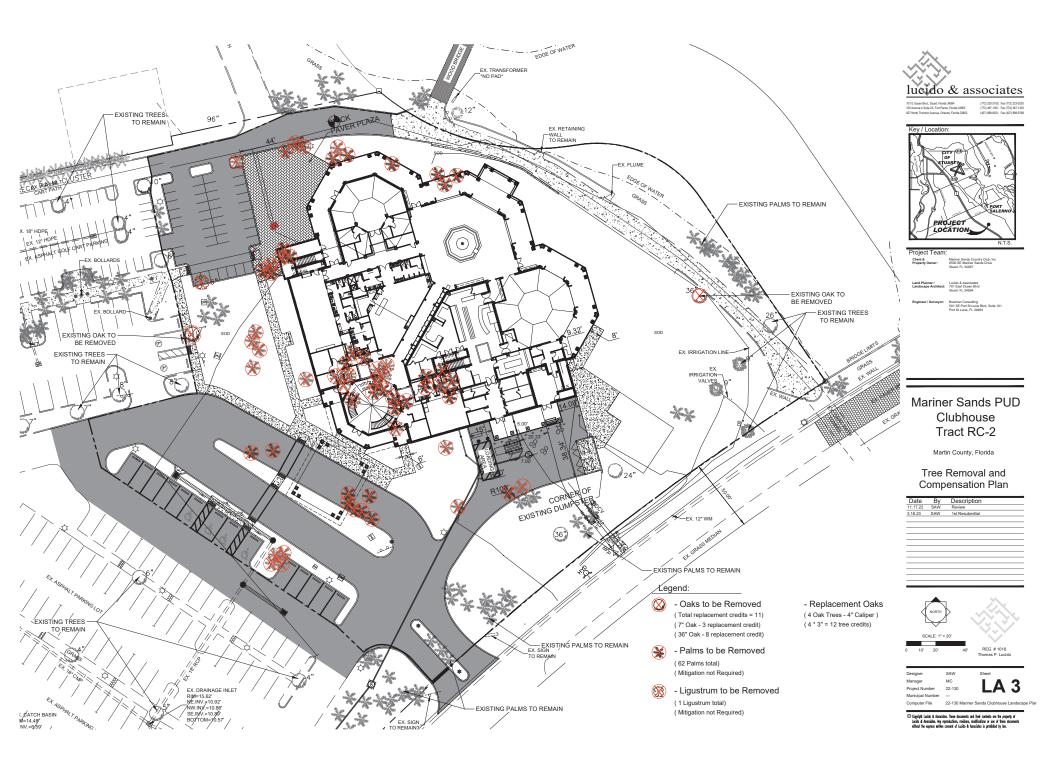
Date	By	Description	
11.17.22	SAW	Review	
3.16.23	SAW	1st Resubmittal	

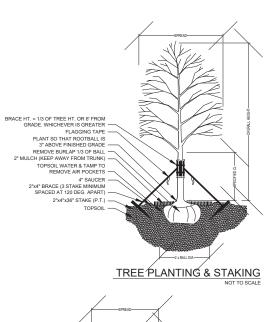


Manager Municipal Number

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^{* 100 %} of the required landscaping is native





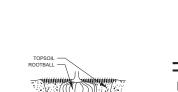
(5) 2x4x16" WOOD BATTENS. SECURE BATTENS W/ (2) 3/4" HIGH CARBON STEEL BANDS TO HOLD BATTENS IN PLACE DURING PLANTING PROJECT. DO NOT NAIL BATTENS TO TRUNK. HEIGHT OF - (5) I AYERS OF BURLAP BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE TREE FOR ADEQUATE BRACING STEEL BANDS **BRACING DETAIL** WRAP TRUNK IN BURLAP & SECURE BATTENS W/ 3/4" HIGH CARBON STEEL BANDS FLAGGING TAPE 2"x4" BRACE (3 STAKE MINIMUM SPACED AT 120 DEG. APART) 2" MULCH (KEEP AWAY FROM TRUNK) FORM SAUCER WITH 4" CONTINUOUS RIM 2x4x36" STAKE (P.T.)

or 2% MIN, SLOPE

THIN BRANCHES BY 1/4 OF TOTAL MASS. RETAIN NAT. SHAPE 1/2" DIA BLACK RUBBER HOSE TIED W/ DOUBLE STRAND 12 GAUGE GALV. WIRE, 3 GUYS PER TREE MIN WHITE FILM PLANT SO THAT ROOTBALL IS FLAGGING TAPE 3" ABOVE FINISHED GRADE 2" MULCH REMOVE BURLAP 1/3 OF BALL (KEEP AWAY FORM SALICER WITH 3 FROM TRUNK) CONTINUOUS RIM 2"x4"x36" STAKE (P.T.) FINISHED GRADE TOPSOIL MULTI-TRUNK PLANTING & GUYING







DRAINAGE TESTING DETAIL

Mariner Sands PUD Clubhouse Tract RC-2 Martin County, Florida

Landscape Details

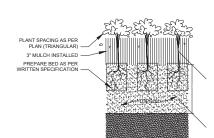
Date	By	Description	
11.17.22	SAW	Review	
3.16.23	SAW	1st Resubmittal	



SCALE: 1" = n te REG. # 1018

Manage Municipal Numbe Computer File 22-130 Mariner Sands Club!

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GROUNDCOVER PLANTING DETAIL

MEDIAN or LANDSCAPE ISLAND

THIS DETAIL SHOWN DEPICTS A MEDIAN AND/OR LANDSCAPE ISLAND AND IS

FOR GRAPHIC PURPOSES ONLY; SOIL PREPARATION SHALL APPLY TO ALL
TREE, SHRUB, & GROUND COVER AREAS. THIS DOES NOT INCLUDE SOD AREAS

who will ha ha

CROWN DRIP LINE OR OTHER LIMI

TREE PROTECTION BARRICADE

NOTES: 1- SEE LANDSCAPE PLAN FOR FENCE ALIGNMENT.

TREE PROTECTION FENCE: MINIMUM \$1 MAINTAIN EXISTING GRADE WITH IN TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED

PALM PLANTING - ANGLE STAKE

1-SEE LANUSCAPE PLAN FOR TENDE ALLIGNMENT.
3-NO PRINING SHALL BE PERFORMED EXCEPT BY APPROVED ARBORIST.
4-NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.

DIAMETER NYLON OR POLY ROPE, YELLOW OR ORANGE . MUST BE 4' MINIMUM FROM GROUND & NOT ATTACHED TO GROUND. 2"x2"x6' STEEL POSTS OR APPROVED EQUAL

3" MULCH LAYER - 3" POTTING SOIL (SHALL CONTAIN

40% ORGANIC MATERIAL) TOPSOIL
36" BELOW TOP OF CURB TO

FINAL GRADE AS SHOWN

- EXISTING SUBGRADE

DIG EACH PLANTING PIT TO THE MINIMUM SPECIFIED SIZE.

FILL PLANTING PIT WITH TWELVE INCHES (12") OF WATER IF

6" DIA. DRAINAGE DETAIL

FILL PLANTING PTI WITH TWELVE INCHES (12") OF WATER. IF THE WATER LEVEL DROPS FOUR (4") OR MORE WITHIN FOUR (4) HOURS, THE DRAINAGE IS SUFFICIENT AND A DRAINAGE CHANNEL IS NOT REQUIRED. IF THE WATER LEVEL DROPS LESS THAN FOUR INCHES (4") WITHIN THE FOUR (4) HOUR PERIOD, A DRAINAGE CHANNEL IS REQUIRED.

DRAINAGE TESTING/DRAINAGE

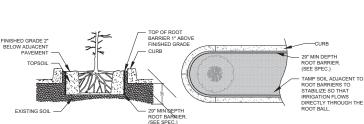
PRIOR TO PLANTING, ALL PLANTING PITS SELECTED FOR TESTING SHALL BE TESTED IN THE FOLLOWING MANNER.

CHANNEL REQUIREMENTS.

WHERE REQUIRED, THE DRAINAGE CHANNEL MUST EXTEND DOWN THROUGH THE NON POROUS SOIL AND INTO POROUS SOIL. (SEE DETAIL)

ALL MATERIAL REMOVED FROM THE DRAINAGE CHANNEL SHALL BE DISCARDED.

WHEN BACKFILLING PLANTING PITS WITH NATIVE TOPSOIL, CARE MUST BE TAKEN TO KEEP THE CONSISTENCY OF THE SOIL MIX THE SAME THROUGHOUT THE PLANTING PIT AND DRAINAGE CHANNEL



SPECIAL APPLICATIONS ROOT BARRIER DETAIL

3" MULCH

TOPSOIL

FORM SAUCER W/ 4" CONTINUOUS RIM

TOPSOIL MIX. WATER & TAMP TO REMOVE AIR

NOTES: 1- ROOT BARRIER SHALL BE INSTALLED WHEN ROOT BALL IS LOCATED WITHIN 8' OF PAVEMENT AND OR CURB.

ROOT BARRIER SHALL BE "BIO-BARRIER 29" DEPTH OR APPROVED EQUAL.
 ROOT BARRIER SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.

SHRUB PLANTING

LANDSCAPE SPECIFICATIONS

LANDSCA	PE SPECIFICATIONS	
PART 1:	GENERAL CONDITIONS	
1.01 A.	SCOPE: The landscape contract includes the supplying and planting of all trees, shrubs, vines, and ground cover together with all necessary labor, equipment, tools and materials needed for the successful completion, execution and maintenance of the landscape plans.	2 A
1.02 A.	AGENCY STANDARDS: Grades and standards of plant materials to be used shall be true to name, size, condition and graded Florida #1 or better as stated in: Grades and Standards of Florida Plant Materials published by the State of Florida Department of Agriculture, Tallahassee, Florida.	
1.03 A.	SITE EXAMINATION: The Landscape Contractor shall personally examine the site and fully acquaint himheriseff with all of the existing conditions in order that no mis-understanding may afterwards arise as to the character or extent of the work to be performed, and, additionally, in order to acquant himherseff with all peccautions to be taken in order to avoid injury by property or persons. No additional compensation will be granted because of any unusual difficulties which may be encountered in the execution or maintenance of any portion of the work.	A B
1.04 A.	ERRORG AND CMISSIONS: The plant list is a part of the drawings and is furnished as a convenience. The plant list indicates the name, size and quantities of specific plant materials as called for and is located on the drawings. The Landscape Contractor is responsible for hisher own quantity court, and any discrepancy between demokrage and plant list land be considered as correct on the drawings.	D
В.	The Landscape Contractor shall not take advantage of errors or omissions in the specification or contract deswings. Fall instruction with the given it seek errors are discovered, byto the descript of any discrepanies in or orientations from the diswarps of bottomers, or should the Landscape Contractor be in doubt as to their meaning, the Landscape Architect shall be notified and will determine the actions necessary by each query.	2 A
C.	If plans and specifications are found to disagree after the contract is awarded, the Landscape Architect shall be the judge as to which was intended.	В
1.05 A.	EXECUTION OF THE WORK: The Landscape Contractor shall have his labor crews controlled and directed by a Foreman well versed in plant materials, planting methods, reading plans, and coordination between job and nursery in order to execute installation correctly and in a timely manner.	D 2
В.	The Landscape Contractor shall provide a competent English-speaking Foreman on the project at all times, who shall be fully authorized as the Contractor's speet on the work. The Foreman shall be capable of reading and thoroughly understanding the Plans, subjective of the Contractor's speed of the Contra	2 A
C.	The Landscape Contractor shall be available for any meetings with the Owner and/or Landscape Architect during implementation of the job. Any additional work or changes required as a result of failure to communicate with the Owner or Landscape Architect during implementation will be the responsibility of the Landscape Contractor.	
1.06 A.	PROTECTION OF PUBLIC AND PROPERTY. The Landscape Contractor shall proted in enteriors and work against injury from any cause and shall provide and maintain all necessary safeguards for the protection of the public. He shall be held responsible for any damage or liquiry to persons or property which may occur as restard in his fault or negligence in the execution of the work, i.e. damage to underground pipes or cateles.	B
1.07 A.	CHANGES AND EXTRAS: The Contractor shall not distant work on any changes or "extras" in the project until a written agreement setting forth the adjusted prices agreement may or may not be compensated for by the Contractor. Any work performed on changes or "extras" prior to execution of a written agreement may or may not be compensated for by the Counter at this discretion.	W
1.08	CUAPANTEE The Landscape Contractor shall furnish a written guarantee warranting all materials, workmanship and plant materials, except sod, for a period of 18 MONTHS from the time of completion and acceptance by the Landscape Architect and Owner. Sod shall be guaranteed to go calendar days are acceptance by the Landscape Architect and Owner. All patient material shall be also and in assistance you constition and growth for each specific kind of plant at the end of the guarantee period. The guarantees grid plant material shall be been completed by the control of the same variety, bys. sax., quality and gride as that of the originally are controlled to the same variety, bys. sax., quality and gride as that of the originally controlled to the same variety, bys. sax., quality and gride as that of the originally controlled to the same variety, bys. sax., quality and gride as that of the originally controlled to the same variety. Sex. sax., and the same variety of the controlled to the same variety of the same variet	2 A
В.	At the end of the specified guarantee period, any plant required under this context that is dead or not in satisfactory condition, as determined by the familiorage Architect, shall be replaced. The Landscape Contents of the flux replacement cost of plant materials for the flux replacement and share subsequent replacement (s) costs equally with the Owner, should the replacement plant falls to survive.	В
1.09 A.	CARE AND MAINTENANCE: The Landscape Contractor shall be responsible for the care and maintenance of all plant materials and irrigation when applicable until final acceptance by the Owner or Landscape Architect.	
В.	The Owner agrees to execute the instructions for such care and maintenance.	
1.10 A.	SAFETY: It shall be the responsibility of the Landscape Contractor to protect all persons from injury and to avoid property damage. Adequate warning devices shall be placed and maintained during the progress of the work.	
В.	It shall be the contractor's responsibility to conform to all local, state, and federal safety laws and codes including the Federal Occupational Safety And Health Act (O.S.H.A.).	2
1.11 A.	CONTRACTOR QUALIFICATION: The Owner may require the apparent contractor (s) to qualify him/herself to be a responsible entity by furnishing any or all of the	А
1. /	following documentary data: A financial statement showing assets and liabilities of the company current to date.	В
2. / 3. F 4. 1 name.	l listing of not less than (3) completed projects of similar scope and nature. Permanent name and address of place of business. The number of regular employees of the organization and length of time the organization has been in business under the present	P. 3
1.12	INSURANCE AND BONDING:	A
A.	The contractor (s) shall submit groof of insurance for this job for the time period that the work is done. The minimum amount of insurance shall be \$300,000.00 per person and \$300,000.00 per aggregate or as required by owner and agreed to in the contract. The successful bidder shall be required to have this coverage in effect before beginning work on the site.	3
В.	The Owner shall have the right to require the Contractor to furnish bonds covering faithful performance of the Contract and payment obligations arising thereunder as stipulated in bidding requirements or specifically required in the Contract Documents on the date of execution of the Contract.	A
1.13 A.	PERMITS AND CERTIFICATES: All contractors shall secure and pay for all permits and certificates required for his/her class of work.	3
PART 2:	MARTERIALS	Α
2.01 A.	PLANT MATERIALS: A complete list of plants is shown on the drawings, including a schedule of quantities, sizes, and such other requirements deemed necessary. In the event discrepancies occur, the specifications on the drawings shall govern.	В
В.	Substitutions: Substitutions of plant materials or shapens in size or engages of materials will be permitted ONLY upon written	D
	authorization by the Owner or the Landscape Architect. If plant material is not of sufficient via be to meet applicable codes, a letter of variance from the appropriate agency must be obtained by the Contractor prior to issuance of any hange order. If material is familier size is to be accepted, the quantity of material shall be increased, at no additional cost to the Owner, to meet the intent of the drawings.	Е
C.	All plant materials shall have a habit of growth that is normal for the species and shall be healthy, vigorous and equal to or exceed the measurements specified in the plant list, which are the minimum acceptable sizes. Plants shall be measured before pruning with branches in normal position. Any necessary puring shall be done at the time of planting.	F
D.	All plant matrias shall be nursery grown, unless otherwise noted, Florida #1 or better. All plant matrias shall be nursery grown, unless otherwise noted, Florida #1 or better and shall comply with all required inspections, grading standards and plant regulations as set forth by the Florida Department of Agriculture's Grades and Standards for Nursery	

Plants that do not have the normal balance of height and spread typical for the respective plant shall not be acceptable.

The Landscape Contractor shall install each plant to display its best side. Adjustments may be required if plants are not installed properly and/or approved by the Landscape Architect at no additional cost to owner.

2.02	INSPECTION
A.	The Landscape Architect and Owner may inspect lines and shrubs at place of growth or at six before planting, for compliance with recipiements for genera, species, entirely, six and quality. The Landscape Architect and Owner feath in regist to further inspect trees and shrubs for size and countion or balls and not systems, insects, liquities and latent defects, and to reject unsatisfactory or defective material all any time during progress of two. Rejects began intenties shall be immediately errored from project size.
2.03 A.	PROTECTION OF PLANT MATERIALS. Balled and burlaged plates (8 & 8) shall be dug with firm natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant. Balls shall be firmly wrapped with burlap similar materials and bound with cord root, or wire menta. An oblicated plants shall be balled and burlaged and burlaged plant (8 & 8) and the plant of the
B.	Plants with broken, damaged or insufficient rootballs will be rejected.
C.	All plant material shall be protected from possible bark injury or breakage of branches. All plants transported by open trucks shall be adequately covered to prevent windburn, drying or damage to plants.
D.	Plants which cannot be planted immediately on delivery to the site shall be covered with moist soil, mulch or other protection from the drying of wind and sun. All plants shall be watered as necessary by the Landscape Contractor until planted.
2.04 A.	STORAGE All plant materials shall be stored on the site in designated areas, specified by the Landscape Architect or Owner's agent.
В.	No plant material shall be stored longer than seventy-two (72) hours unless approved by Landscape Architect and/or owner.
C.	The Landscape Architect reserves the right to reject any plant materials not in conformance with these specifications.
D.	All rejected material shall be immediately removed from the site and replaced with acceptable material at no cost to the Owner.
2.05 A.	PROTECTION DURING PLANTING: Trees moved by winds or care shall be thoroughly protected from chain marks, girdling or bark slippage by means of burlap, wood battens or other approved methods. Battens shall NOT be attached to the tree with nalis
2.06 A.	TOP SOIL: Planting soll of an Iplantings shall consist of topsoil and be natural, finable, fertile, fine loamy soil possessing characteristics of representable topsoil in the vicinity of the project site that produces heavy growth. Topsoil shall have a PH range of 5.5-7.4, fine from subsoil, weeds, little, sood, cally, stones, submisp, roots, trank herbicides, toxic substances, or any other maderial which may be harmful to plant growth, or thirder planting operations. Topsoil shall contain a minimum of 3% organic material. Topsoil must percolate water at a rate of 1'pe from (Cee also drainage lessing delated for text).
B. the well as	Landscape Area Preparation. The intent of this section is to ensure a healthy growing eminorment for all planting material in all landscaped areas. Landscape Contractor to examine setting sole prior to planting to ensure conformance to all definitions of "Topsoif" (seek-andscape Area Preparation Detail), in addition, a 3" layer of high organic (rina 40%) potting soil shall be added to spool and mode in at time of planting, East Coster Reposition, its care commended source for imported Topsoid (rendeded) as
	Existing pola must meet all definitions of Topical as described above in all plenting areas throughout the site if fracting pols do met meet all definitions of Topical pleases refer to the Landscape Near Preparation detail. Examination may requise existing solis to be tested by an accredited testing laboratory. Should a soil test be necessary, Contractor shall contact soil setting lab directly to confirm such labs is also collection and remainstill protocial, call costs if any shall be berne by the Contractor. Contractor shall provide to Landscape Architect to review the results of the soil test if conducted. Contractor shall schedule an on-site meeting with Landscape Architect to review with an and/or imported soils prior to planting. The Landscape Architect to review withing and/or imported soils prior to planting. The Landscape Architect to review withing and/or imported soils prior to planting. The Landscape Architect to review withing and/or imported soils prior to planting. The Landscape Architect is reported in the responsibility of the Landscape Architect to review withing the provided and the provided
2.07 A.	FERTILIZE: Commercial fertilizer shall comply with the state and local fertilizer laws. Nitrogen shall not be less than 40% from organic source, longratic chemical introgen shall not be derived from the sodium form of nitrate. Fertilizers shall be deliveed to the site in unopened original containers, each bearing the manufacturer's guaranteed analysis. Any fertilizer that becomes called or otherwise damaged shall be rejected.
В.	Thoroughly mixed 3 lbs. of commercial fertilizer to each cubic yard of planting soil.
C.	Tabletized fertilizer shall be Agriform planting tablets 20-10-5 formula, 21 gram or equal. All trees and shrubs shall be fertilized with tabletized fertilizer as follows. White backfilling plant holes, fertilizer tablets shall be equally spaced and placed adjacent to the ball mid-way in depth in accordance with the following rates.
	1 gallion container 1 tablets 3 gallion container 2 tablets 5 gallion container 3 tablets 7 gallion container 5 tablets 7 gallion container 5 tablets
	Large tubs, wire baskets, grow bags, and bailed and burlapped material shall have 1 tablet for each 1/2 inch of trunk diameter (measured 3 feet from ground) or for each food of height or spread of larger shrub material. The Landscape Architect reserves the right to inspect and review the application of fertilizer.
2.08 A.	MULCH: Mulch material shall be clean, dry, free of weeds, seeds and pests, moistened at the time of application to prevent wind displacement. Cypress & for Red mulch is prohibited.
В.	All trees and shrub beds shall receive 3" mulch immediately after planting and thoroughly watered. Apply 2" max on tree & palm roothalls, keep 6" away from tree & palm trunks or as required by local jurisdiction.
PART 3 3.01 A.	EXECUTION DIGGINZ: DI
3.02 A.	GRADING: Grading for drainage, swales, etc. to within 4 inches of the finished grade to be provided by others.
В.	It shall be the responsibility of the Landscape Contractor to provide the final grading during the course of landscape installation so as to bring sod and planting areas to their proper elevations in relation to walks, paving, drain structures, and other side conditions. The side goding plan must be checked prior to installation of socio Insure that drainings and other conditions will MOT be modified.
3.03 A.	PLANTING: Planting shall take place during favorable weather conditions.

The Contractor shall call for utility locates and ascertain the location of all utilities and easements so proper precautions can be taken not to damage or encroach on them.

Tree Planting shall be located where it is shown on the plan. No planting holes shall be dug until the proposed locations have been

A representative number of planting pits (a minimum of one in every 25 feet throughout the entire site) shall be tested for proper drainage. See Landscape Details for complete testing methods and requirements.

Planting pits shall be excavated to the following dimensions and backfilled with Topsoil- see Landscape Area Preparation Detail;

No planting or laying of sod shall be initiated until the area has been cleaned of existing sod or other plant materials, rough grass, weeds, debris, stones etc. and the ground has been brought to an even grade, with positive drainage away from buildings and towards drain infets and swales and approved by Landscape Architect or owner's rep.

Each plant shall be planted in an individual hole as specified for trees, shrubs, and vines

Province:

Remove dead and broken branches from all plant material. Prune to retain typical growth habit of individual plants with as much height and spread as possible in a manner which will preserve the plant's natural character. Make all cuts with sharp instruments flush with trunk or adjacent branch, in such a manner as to insure elimination of stubs. Cuts made at right angles to line of growth will not be permitted Trees shall not be poled or topped. All trees over six (6') feet in height shall, immediately after setting to proper grade, be guyed with three sets of two strands, No. 12 Ivanized iron, in tripod fashion. See Detail Wires shall not come in direct contact with the tree but shall be covered with an approved protection device at all contact points. Wires shall be fastened in such a manner as to avoid pulling crotches apart. Stake & Brace all trees larger than 12' oa. See detail. Stakes shall be 2" x 2" lumber of sufficient length to satisfactorily support each Turnbuckles for guying trees shall be galvanized or cadmium plated and shall be of adequate size and strength to properly maintain WALER.

Each plant or tree shall be thoroughly watered in after planting. Watering of all newly installed plant materials shall be the responsibility of the Landscape Contractor until final acceptance by the Landscape Architect. SOD: The Landscape Contractor shall sod all areas indicated on the drawings. It shall be the responsibility of the Landscape Contractor to fine grade all landscape areas, eliminating all bumps, depressions, sticks, stones, and other debris. Before being cut and lifted, the sod shall have been mowed at least three times with a lawn mower, with the final mowing not more than seven days before the sod is cut. The sod shall be carefully cut into uniform dimension 6-6-6 fertilizer with all trace elements is to be applied at the rate of 40 lbs. per 1,000 sq. ft. prior to laying sod. Solid sod shall be laid with closely abutting, staggered joints with a tamped or rolled, even surface If in the opinion of the Landscape Architect, top dressing is necessary after rolling, clean yellow sand will be evenly applied over the SECURION.
The Landscape Contractor shall remove all vegetation and rocks larger than (1") in diameter from areas to be seeded, scarify the area, then apply fertilizer at a rate of 500 lbs. per acre. Application: Argentine Bahia Grass seed- 200 Pounds per acre mixed with common hulled Bermuda seed- 30 lbs. per acre. All other seed mixtures shall be applied per the manufacturer's instructions. Roll immediately after seeding with a minimum 500 pound roller, then apply straw mulch at the rate of 2,500 pounds per acre. Apply fertilizer at the rate of 150 lbs. per acre 45-60 days after seeding. CLEAVING DF:
The contractor shall at all times keep the premises free from accumulations of waste materials or rubbish caused by his employees or work. He shall leave all paved areas "broom clean" when completed with his work. Maintenance shall begin immediately after each plant is installed and shall continue until all planting has been accepted by the Owner or Landscape Architect. Maintenance shall include watering, weeding, removal of dead materials, resetting plants to proper grades or upright positions, spraying, restoration of planting saucer and/or any other necessary operations. Proper protection to lawn areas shall be provided and any damage resulting from planting operations shall be repaired promptly. In the event that weeds or other undesirable vegetation become prevalent, it shall be the Contractor's responsibility to remove them. Trees or other plant material which fall or are blown over during the maintenance period will be reset by the Contractor at no additional expense to the Owner, the only exception being hurricane force winds. COMPLETION, INSPECTION AND ACCEPTANCE: Inspection of work to determine completion of contract, exclusive of the possible replacement of plants, will be made by the Owner and/or Landscape Architect at the conclusion of all planting and at the request of the Landscape Contractor. All plant material shall be alive and in good growing condition for each specified kind of plant at the time of acceptance. The rating of each plant according to Florida Grades and Standards shall be equal to or better than that called for on the plans and in these Specifications at the time of final inspection and acceptance. After inspection, the Landscape Contractor will be notified by the Owner of the acceptance of all plant material and workmanship, exclusive of the possible replacement of plants subject to guarantee.

All trees & shrubs shall be straight and in correct position per the landscape plans, details and specifications. All nursery, shipping and identification tags & ribbons shall be removed from trees & shrubs immediately after planting.

All plants shall be set to ultimate finished grade. No filling will be permitted around trunks or stems. All ropes, wire, stakes, etc., shall be removed from sides and top of the ball and removed from hole before filling in.

All palms shall be backfilled with sand, thoroughly washed in during planting operations and with a shallow saucer depression left at the soil line for future watering's. Saucer areas shall be top-dressed two (2*) inches deep with topsoil raked and left in a neat, clear

All flagging ribbon shall be removed from trees and shrubs before planting

Excess excavation (fill) from all holes shall be removed from the site, at no additional expense to Owner.



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Mariner Sands PUD Clubhouse Tract RC-2

Martin County, Florida

Landscape Specifications

11.17.22	SAW	Review
3.16.23	SAW	1st Resubmittal



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