

maintained intact for the duration of construction.

Barricades shall be constructed of a yellow or orange high density polyethylene square grid mesh fence with a min height of 4 feet. Fencing shall be secured to posts with nylon cable ties at the top middle and bottom of each post. Posts shall be a 2"x 2" x 6' wood or iron rebar or other material with prior approval from Martin County's Growth Management Department. Posts shall be spaced a max. of 6' o.c.



Native Preserve

•00 Existing Tree to be Preserved



₩00 Existing Tree to be Removed



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 Job No	2020-22
Drawn By	EB
Checked By	MH
Approved By	MH
Submittal Dates	4-30-2025

6-27-2025 Revision Dates



Policy9.1F.3.1 - The littoral zone planting area shall include at least 10 square feet per linear foot of lake perimeter. The littoral zone planting area consists of the area between one foot above and four feet below

Total Perimeter (LF)	640			
	<u>Required</u>	Provided		
anting Area (10 sf per 1' LF)	6,400	7,648		
Trees (1 per 500 sf)	13	15		
onal Zone				
rea shall include a total area of at least 10 square feet per linear foot of lake				
ad two weithin we have a half the weighted with at least five weither whent even include				

Provided 0 310

ea Required (10 sf per 1' LF)	6,400	9,310
Trees (1 per 500 sf)	13	15
		(13 Trees + 6 Palms @ 3:1)

r	n	er	nts

	<u>Required</u>	Provided
Total Trees	102	117
		(103 Trees + 43 Palms @
		3:1)
Total Native Trees(75%)	77	117
hade Trees Required (50%)	51	103
Species Required	5	7

103 @ 3 Credits

North





Enlargement A Typ 5 Buffer: SW Martin Highway Understory Plan



Scale: 1"=20'







Legend







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Landscape Details



General LSCP Notes

1. All required landscaping shall be pursuant to this landscape code and install according to accepted good planting practices.

- 1.1. All balled and burlapped trees and palms shall be staked. Trees and palms shall be staked until the roots have become established for a period typically between 6 months and 1 year, or as specified by a landscape architect
- 1.2. No landscaping shall be planted in such a manner to adversely affect drainage or utility easements 2. No tree shall be planted within 10 feet of any existing
- utility pole, guy wire, or pad mounted transformer 2.1. All landscaping within Martin County utility
- easements shall comply with Martin County technical specifications, policies, and codes 2.2. No landscaping shall be planted in a manner that
- would adversely affect utility easements. All landscaping shall meet the latest Martin County Landscape Policy and shall not be placed in a manner that would create conflicts with the intended operation and maintenance of any existing utility.
- 2.3. No landscaping other than sod grasses shall be located within 5 ' of Martin County appurtenance such as a water meter assembly, backflow device, fire hydrant or sewer cleanout
- 3. All native vegetation which is not located in areas requiring their removal as reflected by an approved plan document shall be retained in an undisturbed state
- 4. Alternative plant species for required landscape may be permitted subject to review and approval by the Martin County Growth Management Department prior to installation
- 5. To assure the health and survival of protected trees that

are not to be removed, the cotnractor shall avoid the following kinds of tree injuries during all development activities.

- 5.1. Mechanical injuries to roots, trunk, branches
- 5.2. Injuries by chemical poisoning
- 5.3. Injuries by grade change Injuries by excavations and/or fill 5.4.
- 5.5. Injuries by paving
- All existing trees within common areas to be preserved 6 where possible. Enhanced landscaping beyond minimum requirements will conform to all applicable sections of the 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 a mature height conflict with overhead power lines.
- 6.1. 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.
- 6.2. 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. 6.3. No tree shrubs, hedges or vines shall be planted within 5' of an existing or proposed utility pole, guy wire or pad-mounted transformer.
- 6.4. Palms should be planted at a distance equal to or greater than the average frond length plus two (2) feet from power lines.
- 7. Plant material used in conformance with the provisions of this landscape code shall conform to the standards for

Florida No.1 or better as given in "Grades and Standards for Nursery Plants. Part I and Part II, 1963, State of Florida

- review and approval by Martin County.
- native.
- immediately after planting architect
- barriers shall be linear
- 13



LANDSCAPE AND ROOT BARRIER NOTE Trees shown on this plan are for graphic reprsentation only. Tree spacing is based on design requirements and the trees shown on this plans attempt to accomplish that spacing while maintaining the required setbacks from utilities. Trees may be field adjusted to avoid conflicts with driveways and underground utilities. In any case the trees shall be located in the filed in accordance with the planting details shown hereon.

Additionally, trees are to be installed with a ten foot (10') separation from any water or sewer main and/or service, hydrants, and lift stations. If a ten foot (10') separation cannot be achieved, the tree can be installed with a root barrier system. Refer to the "Root Barrier" detail for installation



Root Barrier Detail NTS

PLANT SCHEDULE PLANTING

SYMBOL	CODE	QTY	COMMON / BOTANICAL NAME	SIZE	NAT
TREES					
$\langle \cdot \rangle$	AR	10	Florida Flame Red Maple / Acer rubrum 'Florida Flame'	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
+	CD	13	Pigeon Plum / Coccoloba diversifolia	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
< + }	IC	13	Dahoon Holly / Ilex cassine	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
Josephille Contraction	PD	34	Slash Pine / Pinus elliotti 'Densa'	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
\bigcirc	QC2	16	Cathedral Live Oak / Quercus virginiana 'Cathedral'	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
e e e e e e e e e e e e e e e e e e e	TD	17	Bald Cypress / Taxodium distichum	3" Cal., 12' Ht. x 5–6' Spr., Std, 4–5' ct.	Yes
PALMS	SS	43	Sabal Palm / Sabal palmetto	12'—18' C.T., Staggered Heights	Yes

UNDERSTORY SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE		NATIVE
SHRUBS	C12	10	Chrysobalanus icaco / 'Red Tip' Coco Plum	7 Gal., 30	36"Ht., Full	Yes
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	SIZE	NATIVE	SPACING
SHRUB AF	REAS					
	СІ	129	Chrysobalanus icaco 'Horizontal' / Horizontal Cocoplum	3 gal.	18' Ht.	36" o.c.
	CR	93	Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum	3 gal.	24" Ht.	30" o.c.
	ID	766	llex vomitoria 'Schillings Dwarf' / Dwarf Schillings Holly	3 gal.	12" × 12"	18"o.c.
	МС	307	Muhlenbergia capillaris / Pink Muhly Grass	1 gal.	18' Ht.	30" o.c.
	SP	241	Spartina bakeri / Sand Cord Grass	1 gal.	12"-16" Ht.	36"o.c.
	TR	88	Tripsacum dactyloides / Fakahatchee Grass	1 gal.	12"-16" Ht.	36" o.c.

Tree locations may be adjusted for site permit application based on final construction and utility plans. Alternative plant species and enhanced landscaping beyond minimum requirements may be permitted subject to

Trees shall have a min. of 12' ht., 5' crown spread and a 2.5 " Cal. at time of planting. Trees used as street trees shall have a 5' clear trunk. Palms shall have a min. clear trunk of 10'. At least 50% of all required trees shall be

10. Shrubs shall be a min. of 2' Ht. when measured

11. All balled and burlapped trees and palms shall be staked. Trees and palms shall be staked until the roots have become established for a period typically between 6 months and 1 year, or as specified by a landscape

12. In those instances where a tree(s) is planted closer than five (5) feet from a street, sidewalk, or structure, a root barrier(s) shall be installed. Root barriers for trees shall be installed along the edge of structure or paving or curb. The root barrier shall be a minimum of twenty-four (24) inches deep but depending of the size, location, and species of tree to be planted, a larger barrier may be required. The root barrier shall be installed with twenty (20) linear feet, centered from the trunk, for the large trees and fifteen (15) linear feet for smaller trees. All root

Street tree locations may be adjusted based on the locations of future driveways as long as required utility

- separations are still met.
- 14. Prior to any land preparation or other development activities a protective barrier easily visible to equipment operators shall be placed around all protected trees sa as to encompass the entire tree proection zone.
- 15. No attachment, wires(other than supportive wires), signs or permits may be fastend to any protected tree.
- 16. No equipment, construction materials or debris of any kind shall be placed within the protective barrier.
- 17. For existing utilities, no tree shall be planted where it could at mature height conflict with overhead powerlines. Large treees(mature height 30') shall be 30' from nearest powerline, medium trees shall be 20' from nearest powerline. Palms shallbe planted at a distance equal or greater than the average front length plus (2) feet.
- No landscaping other than sod grasses may be planted within a 5' radius maintenance area of any Martin County Utilities such as water meters, backflow devices, fire hydrants, sanitary sewer cleanouts and manholes, air release valves, valve boxes, etc.
- 19. All Street Lights and Lot Pole Lights shall incorporate photo cells per PUD Requirements
- 20. All prohibited exotic or invasive species shall be removed from the site prior to the issue of a certificate of occupancy.
- 21. Mulch shall be installed in all planting areas to minimum depth of (3) inches. No cypress mulch is to used on site. Eucalyptus or melaleuca mulch is to be used in a 3" consistent layer in all planting beds.
- 22. Groundcover used in lieu of grass shall be planted asso as to present a finished appearance and reasonable complete coverage within (3) months of installation. All

landscape areas shall be sodded or otherwise covered with ground cover.

- 23. All sodded and planted areas shall be provided with an irrigation systems except for Xeriscape areas. Xeriscape areas must have a readily available water supply to provide temporary irrigation until plantings are established
- 24. Pruning restrictions shall not apply for trees located under power lines. Trees shall be pruned only as necessary to promote healthy growth. Trees shall be allowed to attain their normal size and shall not be severely pruned or "hatracked" in order to permanently maintain growth at a reduced height. Trees may be periodically pruned or thinned in order to reduce leaf mass in preparation for tropical storms. All pruning shall be accomplished in accordance with the National Arborists Standards
- 25. Sod species, quantities and callouts shall be provided on final landscape construction plans at the time of site permit.
- 26. All landscaping within a visibility triangle shall provide unobstructed cross visibility at a level between 3' and 6' and shall comply with most current edition of the state of Florida DOT Roadway and Traffice Design Standards, regarding visibility triangles
- 27. The property owner, or successor in interest, or agent, if any shall be jointly and severally responsible for the following:
- 27.1. Regular maintenance of all landscaping to be kept alive and in good condition and in a way that present 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,

ATIVE

edging, mulching and other maintenance, as needed and in accordance with acceptable horticultural practices.

- Repair or replacement of required wall, fences, or 27.2. structures to a structurally sound condition
- Regular maintenance, repair, or replacement, where necessary, of any screening or buffering required by this division and perpetual maintenance to prohibit the re-establishment of harmful exotic species within landscaping and preservation areas
- 28. Mechanical Equipment / AC units shall be screened by a landscape hedge and maintained to the highest point of the equipment. Shrubs shall be a minimum of two feet in height at the time of planting.
- 29. The property owner is responsible for replacing any required landscaping in easement areas that may be disturbed by future maintenance.
- 30. Plant specifications are a minimum, if one field is not met, then size or gallon shall be increased to meet specified sizes. LA to be notified of any species, size, gallon revisions.
- 31. The location of the existing Saw Palmetto to remain within the Type 5 native buffer shall be field adjusted and supplemented accordingly.
- 32. The Maintenance of the defensible space shall adhere to the Firewise landscaping guidelines developed by the Florida Forest Service and all other requirements in this section and be part of the Firewise Protection Plan incorporated into the PAMP. (ref. Section 4.35.E.3., LDR)
- 33. Upon completion of exotic removal within the portion of preserve area co-located with the Type 5 landscape buffer along SR 714, a plan and list of proposed understory plant species for restoration will be developed and approved by Martin County to restore this area as determined necessary.



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