

Landscape Notes

1. A minimum of 75% of trees and shrubs shall consist of native species and no more than 30% of required trees shall be palms.
2. 4.663.B - Bufferyard requirements - Does not apply
3. Trees planted in Vehicular Use Areas shall be credited towards meeting the number of trees required by Table HS-10.
4. FPL's Right Tree/Right Place Guidelines shall be considered when trees are planted near utilities.
5. Mulch material to a minimum compacted depth of three inches shall be allowed for all planting areas when used to supplement ground cover. Cypress mulch is prohibited.
6. All prohibited species shall be removed from the entire site prior to the issuance of a certificate of occupancy." (Section 4.664, LDR)
12. Stormwater management areas are to be maintained with planted native vegetation in perpetuity.

Maintenance of required landscaping

1. Required landscaping shall be maintained so as to at all times present a healthy, neat and orderly appearance, free of refuse and debris. If vegetation which is required to be planted dies it shall be replaced with equivalent vegetation. All trees for which credit was awarded and which subsequently die, shall be replaced by the requisite number of living trees according to the standards established in the Martin County Landscape Code.
2. All landscaping shall be maintained free from disease, pests, weeds and litter. Maintenance shall include weeding, watering, fertilizing, pruning, mowing, edging, mulching or other maintenance, as needed and in accordance with acceptable horticultural practices. Perpetual maintenance shall be provided to prohibit the reestablishment of harmful exotic species within landscaping and preservation areas.
3. Regular landscape maintenance shall be provided for repair or replacement, where necessary, of any screening or buffering required as shown on this plan. Regular landscape maintenance shall be provided for the repair or replacement of required walls, fences or structures to a structurally sound condition as shown on this plan.

Sec. 4.663.E Preserve area interface requirements for landscaping and stormwater management systems. A preserve area interface shall be established required landscaping and stormwater treatment areas and preservation areas when preservation areas exist on a development site and when preserve areas abut a development site. The preserve area interface shall include a consolidation of common landscaping and stormwater treatment areas with a preservation area. Where more than one preservation area exists on a development site or abutting a development site multiple preserve area interfaces shall be created. Within the preserve area interface the use of plant materials shall be restricted to native species.

The following preserve area interface criteria shall be documented and met for all development sites where preservation areas are identified and where preserve areas have been identified adjacent to a development site.

1. Stormwater management systems. Plantings within dry retention and detention stormwater areas abutting preserve areas shall be restricted to native trees, native shrubs and native groundcovers. Wet retention and detention stormwater areas abutting preserve areas shall be designed and planted as littoral and upland transition zone areas (preserve area interface) and connected to preserve areas pursuant to Article 4, Division 8, LDR, MCC.

2. Perimeter landscaping. Plantings within perimeter vehicle use landscape areas abutting preserve areas shall be restricted to native trees, native shrubs and native groundcovers pursuant to quantity, size and dimension requirements of section 4.663.A-4, LDR, MCC.

Total Required Trees: 90 Trees

Total Provided Trees: 140 Trees

Existing Trees: 26 Trees

Trees: 104 Trees

Tree Requirements

Species Mix Required: = 5
Species Mix Provided: = 7

Native Trees (75% of Required trees)
Required: (112 trees x 75%) = 84 Trees (75%)
Provided: 129 Trees (100%)

Native Shrubs (75% of Required shrubs) (470 shrubs x 75%)
Required: 352 Shrubs (75%)
Provided: 470 Shrubs (100%)

Existing Tree Chart Summary

Protected Trees to be Removed

Total Replacement Tree Credits 3 Credits

Protected Trees to be Preserved (Excludes Trees within Preserve Area and Off-site)

Total Preserved Tree Credits 23 Credits

PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	CAL	NATIVE	QTY
	CD	Coccoloba diversifolia / Pigeon Plum	2.5" Cal., 12' Ht. Min., Std., 4-5' CT	Yes	9
	CS2	Conocarpus erectus sericeus / Silver Button Wood	2" Cal., 10' Ht. Min., Std. 4-5' ct.	Yes	15
	IE2	Ilex x attenuata 'Eagleston' / Eagleston Holly	2" Cal., 10' Ht. Min., Std. 4-5' ct.	Yes	12
	PD2	Pinus elliotti 'Densa' / Slash Pine	3" Cal., 10' Ht. x 4-5' Spr., Std., 4' ct.	Yes	29
	QV	Quercus virginiana / Southern Live Oak	2" Cal., 10' Ht. Min., Std. 4-5' ct.	Yes	4
	SK	Senna surattensis / Glossy Shower Tree	2" Cal., 10' Ht. Min., Std. 4-5' ct.	No	11
	TD2	Taxodium distichum / Bald Cypress	2" Cal., 10' Ht. Min., Std. 4-5' ct.	Yes	23

Dry Retention Areas

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	NATIVE	QTY
	C12	Chrysobalanus icaco / 'Red Tip' Coco Plum	7 Gal., 30-36" Ht., Full	Yes	503
	MC	Muhlenbergia capillaris / Pink Muhly Grass	1 gal., Full	Yes	36" o.c. 313
	SB3	Spartina bakeri / Sand Cordgrass	1 gal. Full	Yes	36" o.c. 489
	JE	Juncus effusus / Soft Rush	BR	Yes	20% @ 24" o.c. 865
	PH	Panicum hemitomon / Maidencane	BR	Yes	20% @ 24" o.c. 865
	PC	Pontederia cordata / Pickerel Weed	BR	Yes	20% @ 24" o.c. 865
	SD	Sagittaria lancifolia / Duck Potato	BR	Yes	20% @ 24" o.c. 865
	TG	Thalia geniculata / Fire Flag	BR	Yes	20% @ 24" o.c. 865

Stone / Rock Bed Typ. (See Locations shown on Plan)

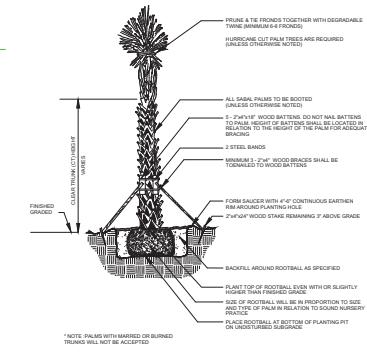
Type: 4" - 6" Riprap Rock

Total Quantity: 2,540 sf

Depth: 8" - 10"

Note: Contractor to provide weed mat

Landscape Details



LITTORAL PLANTING DETAIL NTS

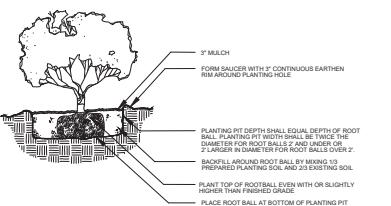
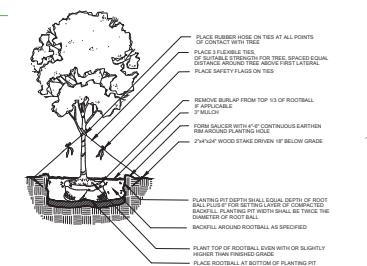
1. ALL PLANT MATERIALS SHALL BE PLANTED AND MAINTAINED IN A NATURAL ARRANGEMENT.
2. LITTORAL PLANTING ESTABLISHMENT SHALL BE COMPLETED ON STABILIZED SLOPES CONFORMING TO GRADES SET FROM CONTROL ELEVATION AND THE APPROVED CONSTRUCTION DRAWINGS.

3. PLANT SPECIES MAY BE SUBSTITUTED WITH SIMILARIVE SPECIES INGENIOUS TO THE DEVELOPMENT SITE, PROVIDED THAT NATIVE MATERIALS ARE MAINTAINED.

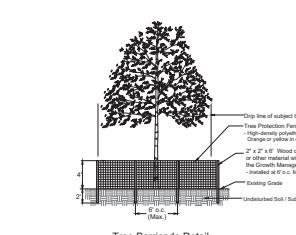
4. THE LITTORAL ZONE SHALL CONSIST OF NATIVE VEGETATION AND SHALL BE MAINTAINED PERMANENTLY AS PART OF THE WATER MANAGEMENT SYSTEM. ALL LANDSCAPING, LITTORAL ZONE REVEGETATION PLANS AND LAKE MANAGEMENT PLANS SHALL COMPLY WITH THE REQUIREMENTS OF THE COUNTY ENGINEER AND THE COMMUNITY DEVELOPMENT DEPARTMENT.

5. THE SLOPES OF CONSTRUCTED LAKE FROM THE TOP OF THE BANK TO THE CONTROL ELEVATION SHALL BE IMMEDIATELY STABILIZED AND / OR SODDED TO THE SATISFACTION OF THE COUNTY ENGINEER AND THE COMMUNITY DEVELOPMENT DEPARTMENT UPON COMPLETION OF THE LAKE CONSTRUCTION.

Palm Planting Detail NTS



Shrub/Groundcover Planting Detail NTS



Tree Barricade Detail NTS

1. Existing trees that are to be preserved shall be barricaded according to Martin County requirements.

2. Tree Protection Barricades shall be erected prior to the commencement of any work. All barricades must be maintained intact for the duration of construction.

3. Barricades must be constructed around the critical protection zone of each tree or cluster of trees.

4. During periods of development and construction, the areas within the drip-line of preserved trees shall be maintained with a minimum of 6" of pervious landscape material. Within these areas, there shall be:

A. No trenching or cutting of roots

B. No fill, compaction or removal of soil, except for the removal of foreign materials.

C. No use of any materials that may damage the root system or other foreign substances.

5. Barricades shall be constructed of a white or orange high density polyethylene square grid mesh fence with a min. height of 4 feet. Fencing shall be secured to posts with hydro calfix ties at the top middle and bottom of each post. Posts shall be a 2 1/2" 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.

