PLANT SCHEDULE

TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
	CE-S	10	Silver Button Wood	Conocarpus erectus sericeus	45 gal	2.5"Cal	12` Ht	5`	Yes	High		4` CT
	IC	6	Dahoon Holly	Ilex cassine	B & B	2.5"Cal	12` Ht	5`	Yes	High		
	LI	5	Crape Myrtle	Lagerstroemia indica 'Muskogee'	45 gal	2.5"Cal	12` Ht	5`	No	High		4` CT
	QV	6	Southern Live Oak	Quercus virginiana	45 gal	2.5"Cal	12` Ht	5`	Yes	High		4` CT
	TP	1	Pink Tabebuia	Tabebuia pallida	45 gal	2.5"Cal	12` Ht	5`	No	High		5` CT
PALM TREES	CODE	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
	SP	6	Cabbage Palmetto	Sabal palmetto	B & B				Yes	High		16-18` c.t., stagger
SHRUBS	CODE	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC		REMARKS
	CHH	320	Red Tip Cocoplum	Chrysobalanus icaco `Red Tip`	-	24"	24"	24"	Yes	High		Full to base
	MCE	9	Wax Myrtle	Myrica cerifera	-	36"	72"	30-36"	No	High		Full to base
	MYC	58	Wax Myrtle	Myrica cerifera	-	24"	24"	18"	Yes	High		full to base
	MYG	53	Myrsine	Myrsine guianensis	-	24"	24"	18-24"	Yes	High		full to base
	MYS	9	Myrsine	Myrsine guianensis	-	36"	72"	30-36"	Yes	High		full to base
	VIB	46	Sandankwa Viburnum	Viburnum suspensum	-	24"	24"	24"	No	High		Full to base
SHRUB AREAS	CODE	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	SPACING	REMARKS
	TRI	44	Fakahatchee Grass	Tripsacum dactyloides	-	30"	30-36"	24-30"	Yes	High	30" o.c.	
SOD/SEED	CODE	QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS	SPACING	HEIGHT	SPREAD	NATIVE	XERIC	SPACING	REMARKS
	BAH	2,994 sf	Bahia Grass	Paspalum notatum `Argentine`	sod				Yes	High		

3

LANDSCAPE CODE COMPLIANCE CHART

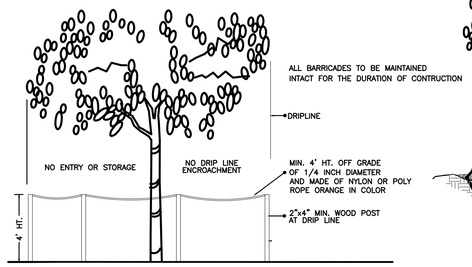
CITY OF PORT ST LUCIE LAND DEVELOPMENT CODE

St. Lucie Battery & Tire

TOTAL SITE AREA: 53,275 sq.ft (1.223 AC)
TOTAL VUA: 10,439 sq.ft.
TOTAL OPEN AREA: 19,351 sq.ft.
PROPSED ZONING: CH - Commercial Highway

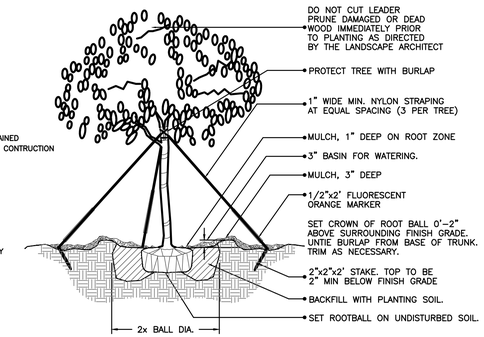
CHAPTER 154 - LANDSCAPING AND LAND CLEARING		**REQUIRED**	**PROVIDED**
Sec 154-03 LANDSCAPE DESIGN STANDARDS			
C.1.a) Perimeter Landscaping Relating to Abutting Properties: (326.00') 1 Tree/30'		11 TREES	**11 TREES**
C.3.a) Required Landscaping Adjacent to Public Street or Road Rights-of-Way: 1 Tree/30 lf	Medlock Ave: 278.31'	10 TREES	**10 TREES***
	Gatlin Blvd: 205.4'	7 TREES	**7 TREES***
		50 SHRUBS	**162 SHRUBS**
C.3.d) Parking Termianl Islands: 1 Tree/Island (2 Islands)		2 TREES	**2 TREES**
	TOTAL	30 TREES	**30 TREES**
	50% NATIVE	15 TREES	**22 TREES (73%)**
	25% Max Palms:	**6 Palms**	**6 Palms**
	50% Min Native Tree Species:	**3/5 SPECIES**	**60.00%**
	25% Min Native Shrub Species:	**4/5 SPECIES**	**80.00%**
	20% Min of Required Trees Flowering:	**9 TREES**	**30.00%**
	75% in landscape islands - evergreen shade trees:		**100%***

*** O/H Electrical Lines Present Across Street Frontages. FP&L Right Tree Right Place Guidelines .**



TREE PRESERVATION BARRICADE FENCING DETAIL

N.T.S.

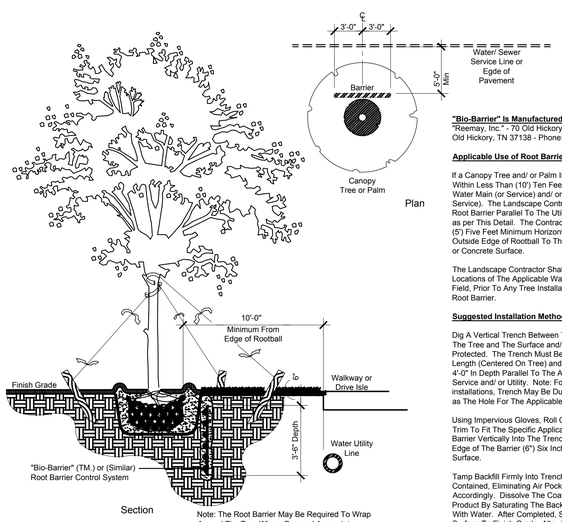


(2" cal. and over)
LARGE TREE PLANTING DETAIL

N.T.S.

Michael D Grosswirth

Digitally signed by Michael D Grosswirth
DN: c=US, o=THOMAS ENGINEERING GROUP LLC, dnQualifier=A01410C000001877FAF412B0005F9BC, cn=Michael D Grosswirth
Date: 2023.06.22 20:03:40 -04'00'



"Bio-Barrier" Is Manufactured By:
"Reemay, Inc." - 70 Old Hickory Blvd. - P.O.Box 511 Old Hickory, TN 37138 - Phone: 1-800-25-ROOTS

Applicable Use of Root Barriers:

If a Canopy Tree and/ or Palm Is To Be Installed Within Less Than (10') Ten Feet Separation From A Water Main (or Service) and/ or Sewer Main (or Service). The Landscape Contractor Shall Install a Root Barrier Parallel To The Utility As Required and as per This Detail. The Contractor Shall Maintain A (5') Five Feet Minimum Horizontal Distance From Outside Edge of Rootball To The Utility or any Paved or Concrete Surface.

The Landscape Contractor Shall Verify The Existing Locations of The Applicable Water Utilities, In The Field, Prior To Any Tree Installations Requiring A Root Barrier.

Suggested Installation Method:

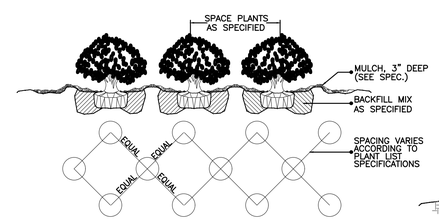
Dig A Vertical Trench Between The Root Source of The Tree and The Surface and/ or Utility Line To Be Protected. The Trench Must Be At Least 6'-0" In Length (Centered On Tree) and Must Be at Least 4'-0" In Depth Parallel To The Applicable Surface, Service and/ or Utility. Note: For New Tree installations, Trench May Be Dug At The Same Time as The Hole For The Applicable Tree and/ or Palm.

Using Impervious Gloves, Roll Out "Bio-Barrier" and Trim To Fit The Specific Application. Insert The Barrier Vertically Into The Trench, With The Top Edge of The Barrier (6") Six Inches Below The Soil Surface.

Tamp Backfill Firmly Into Trench With 'Bio-Barrier" Contained, Eliminating Air Pockets or Soil Voids Accordingly. Dissolve The Coating and Activate The Product By Saturating The Backfill and 'Bio-Barrier" With Water. After Completed, Smooth The Soil Surface To Finish Grade, Allowing Excess Material For Soil Setting.

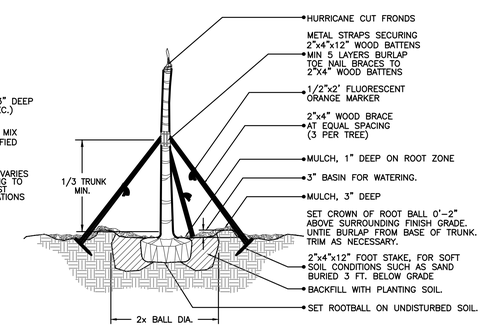
Typical Root Barrier Application Detail
Section / Plan

Not To Scale



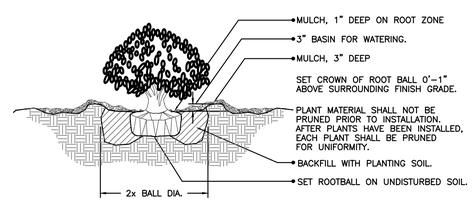
SHRUB / GROUNDCOVER SPACING / PLANTING DETAIL

N.T.S.



CIGARED SABAL PALM PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

N.T.S.

PSLUSD #11-963-00

PROJECT #P07-366-A1

MDGLA
LANDSCAPE ARCHITECT AND ISA CERTIFIED ARBORIST (LA 6666871/FL-5957A)
561-568-7609
MDG1964@BELLSOUTH.NET
1644 THE 12TH FAIRWAY
WELLINGTON, FL 33414

THE INFORMATION, DESIGN, AND CONTENT OF THIS PLAN, ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM MICHAEL D. GROSSWIRTH & ASSOCIATE, PA. ONLY APPROVED, SIGNED AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES.

REVISIONS:

REV:	DATE:	COMMENT:	BY:
1	03/01/22	PER SPRC COMMENTS	MDG
2	03/31/22	PER SPRC COMMENTS	MDG
3	05/30/23	REMOVE WALL EXTENSION	MDG

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PROJECT No.:	L-2202
DRAWN BY:	MDG
CHECKED BY:	MDG
DATE:	2022-01-21
CAD I.D.:	LANDSCAPE PLAN

PROJECT:
ST LUCIE BATTERY & TIRE
FOR
TWELVE 28, LLC

CITY OF PORT ST LUCIE FLORIDA

MICHAEL D. GROSSWIRTH
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REGISTERED LANDSCAPE ARCHITECT
LA 6666871
STATE OF FLORIDA
LA 6666871

SHEET TITLE:
LANDSCAPE PLANTING DETAILS

SHEET NUMBER:
LP-2

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL D. GROSSWIRTH, LA6666871 ON 2022-01-21

Printed on Thursday, June 22, 2023, 8:02 PM by Michael Grosswirth
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