CITY OF POMPANO BEACH, FLORIDA -LANDSCAPE CODE COMPLIANCE CHART

417 N RIVERSIDE DR, POMPANO BEACH

RESIDENTIAL MULTI FAMILY

SEC.155.127 GENERAL REQUIREMENTS

Shrubs: min. 24" x 28"
Palms: 14' ht, min. 4' ct (<50% shall be 22' ht.)
Trees: min 12' ht., 2"-5" caliper (<50% shall be 16' ht.)
Understory trees: 10' ht. 2" cal
Ornamentals: 8' ht., 2" caliper

TOTAL SITE AREA: 40,752 s.f. (0.9355 AC)
ZONING: RM-45 MULTIPLE FAMILY RESIDENCE

REQUIRED PERVIOUS AREA: 10,188 sq.ft. (25%)
PROVIDED PERVIOUS AREA: 10,859 sq.ft. (26.6%) SEE ARCHITECTS SHEET A201 FOR AREAS

50% of Required Trees Shall be Relative in Height to the Structure -23 Required/27 Provided
50% of required trees shall be native

Shrubs: 24" h. 24" o.c.

Section	Requirement	Calculation	REQUIRED	PROVIDED
Sec 155.5203.B:	LANDSCAPING Min. 5' wide along building facing public street 1 tree/20 LF OH lines	*225.48/20 lf*	12 TREES	**12 TREES**
Sec 155.5203.C:	MINIMUM DEVELOPMENT SITE LANDSCAPING Lots more than 7,000 sf 1 Trees & 5 shrubs @ 3,000 sq ft of lot area (7 Trees shall be 16' Ht)	*40,752 s.f./3000)*	14 TREES 68 SHRUBS	**23 TREES**
Sec 155.5203.D:	VEHICULAR USE AREAS			
	3) b. Perimeter Landscape Strips VUA 1 Tree/30 lf (or 40 lf on abutting property,waterway) 10' wide	North: 125.83 lf South: 26 lf	5 TREES 1 TREE	**5 TREES** **1 TREE**
	4) b. One tree/Landscape Parking Island	*(0 island)*	0 TREE	**0 TREE**
	c. One tree/40 lf of parking median between parking b Continuous hedge or groundcover	*NA*	NA	**NA**
	5) 24' minimum landscape planting area width adjacent to building and parking *Development Services Director may grant modifications if required landscaping between VUA and building provide at least 50% of required width and must include one or more of following elements:		24'	**12.8'**
	i. Palms must be provided in multiples (doubles or triples);			**Provided**
	ii. If Palms and trees are combined, one row of shrubs can be provided;			
	iii. If palms or trees are provided, shrubs must be included in layering or height tiering with a minimum of 2 tiers;			**Provided**
	iv. If trees are provided, design must include min. 2 species;			**Provided**
	v. Trees or palms must be a min. of 14 feet on height;			**Provided**
	vi. Layered or height tiered shrubs are provided in variety with a minimum of 2 species			**Provided**
	vii. Suspended pavements systems are provided for adjacent VUA			
Sec 155.5203.E:	BUILDING BASE PLANTINGS 3.a.) Req. shrubs planted within 3' of building If a street sidewalk is located between building base and street, shrubs may be planted within 15' of building base 3.b.) Required shrubs shall maintain average on-center spacing of 6', evenly distributed			**Complies**
Sec 155.5203.F:	PERIMETER BUFFERS 10' wide 1 Canopy Tree @ 30 linear feet 4' ht hedge	*North - 152.97-41.22 = 111.75* *South: 152.97-26 =126.97 lf*	4 TREES 5 TREES	**4 TREES** **5 TREES**
Sec 155.5203.G:	STREET TREES 2.c) 1 Street Tree/40 lf (no closer than 15' and max. 60' apart) If Overhead lines 1/20 lf *North Riverside Dr: 225.48' UNDER POWER LINES*	*225.48/40 lf*	6 TREES	**7 TREES**
Sec 155.5302.D:	STREET TREES 5.a) *No fence, wall or other obstruction greater than 3' h.t. shall be located withing sight triangle*			
Sec 155.5204.E	TREE REPLACEMENT *Removed non-specimen trees at 1 inch DBH removed per 1 inch DBH replacement required (1":1")*	*26" DBH removed*	26" DBH	**26"DBH** *7" from oversizing 7 Green Buttonwoods & 20" from* ***4 Replacement Trees*** *@ 4" Cal*

* EXISTING/RELOCATED TREES:	3 TREES	TOTAL TREES:	46 TREES	**56 TREES***
PROPOSED TREES:	39 TREES	50% trees shall be native:	23/46 TREES	**28/56 TREES**
10 PROPOSED PALMS:	7 TREES	>50% shall be palm trees:	**22/46 TREES**	**11 PALMS**
TOTAL:	49 TREES	TOTAL SHRUBS:	**68 SHRUBS**	**1503 SHRUBS&GC'S**

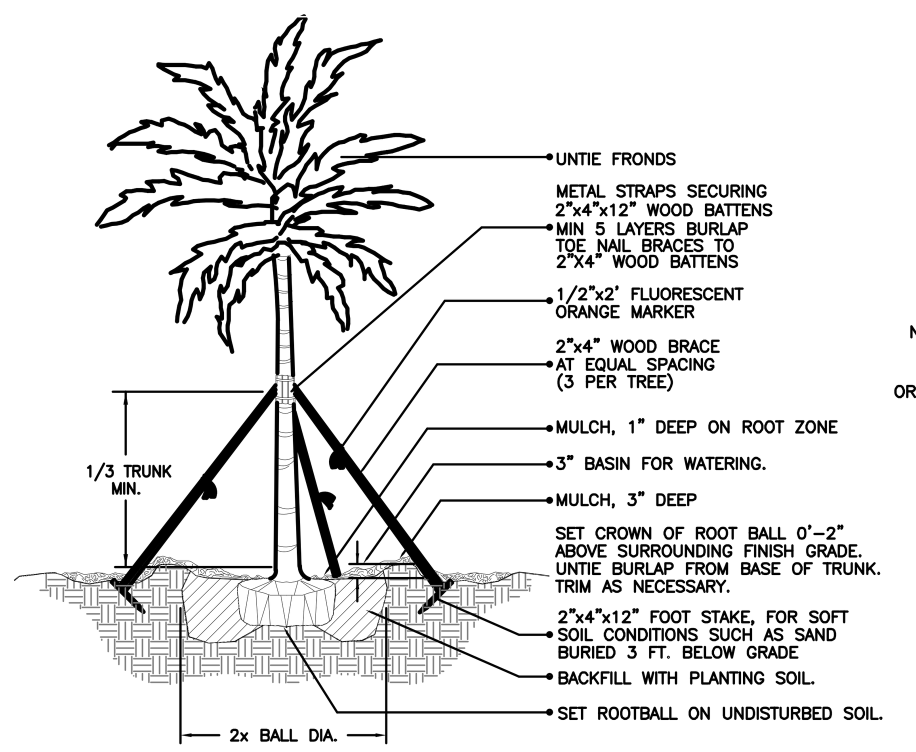
VALUE OF PROPOSED TREES:	$	25,524.00
TOTAL INCHES TO REMOVE:	26 INCHES	
TOTAL INCHES PROPOSED:	26 INCHES	

RIVERSIDE DR, POMPANO BEACH

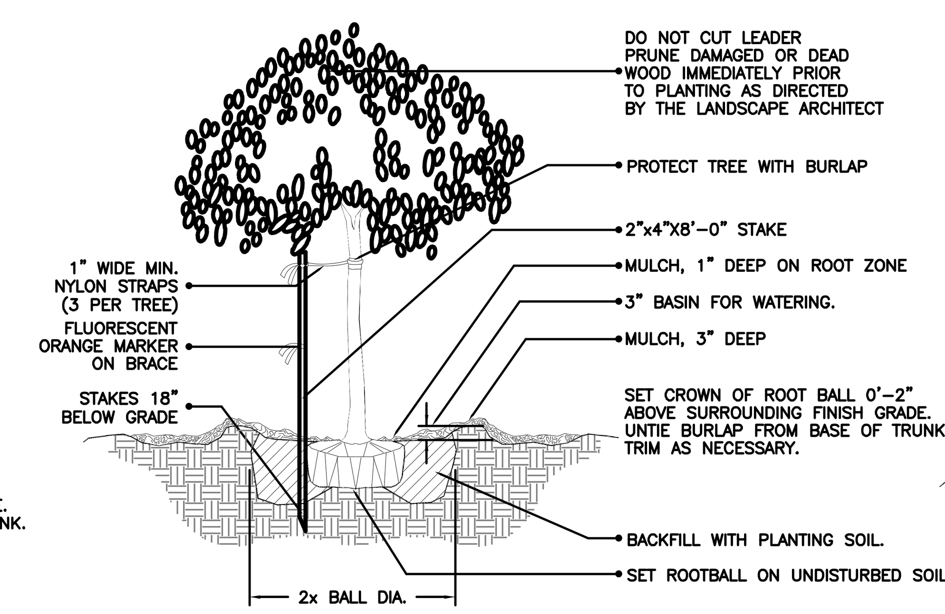
LANDSCAPE COST ESTIMATE - TREES AND PALMS ONLY

Trees	QTY	Common	Botanical	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD	WSL COST	TOTAL
CE	7	Green Buttonwood	Conocarpus erectus	B & B	3" Cal	16' Ht	5-6'	$ 275.00	$1,925.00
CE-S	6	Silver Buttonwood	Conocarpus erectus 'sericeus'	B & B	3.5" Cal	16' Ht	6'	$ 625.00	$3,750.00
CE-S2	6	Silver Buttonwood	Conocarpus erectus 'sericeus'	B & B	2.5" Cal	12' Ht	5'	$ 125.00	$750.00
QV	1	Live Oak	Quercus virginiana	B & B	4" Cal	16' HT	5-6'	$ 400.00	$400.00
LI	12	White Crape Myrtle	Lagerstroemia indica 'Natchez'	B & B	3.5" Cal	14' Ht	6-7'	$ 350.00	$4,200.00
LL	7	Glossy Privet	Ligustrum lucidum	B & B	2" Cal	10-12' Ht	4-5'	$ 325.00	$2,275.00
TI	5	Pink Trumpet Tree	Tabebuia impetiginosa	B & B	4" Cal	16' Ht	5-6'	$ 325.00	$1,625.00
MG	1	Blanchard Magnolia	Magnolia grandiflora	B & B	4" Cal	16' Ht	5-6'	$ 500.00	$500.00
PALM TREES	QTY	Common	Botanical	SPECIFICATIONS	CAL/DBH	HEIGHT	SPREAD		
PT	3	Alexander Palm	Ptychosperma elegans 'double'	B & B		18-22' oa	12'	$ 325.00	$975.00
PD	4	Phoenix sylvestris	Wild Date Palm	B & B		18'-20' ct	18-20'	$ 1,700.00	$6,800.00
SP	8	Cabbage Palmetto	Sabal Palm	B & B		18-20' ct	18	$ 135.00	$1,080.00
VM	6	Montgomery Palm	Veitchia montgomeryana 'triple'	FG/B&B		14' gw		$ 224.00	$1,344.00
VM2	6	Montgomery Palm	Veitchia montgomeryana	FG/B&B		18-22' gw		$ 150.00	$900.00
								TOTAL:	**$26,524.00**

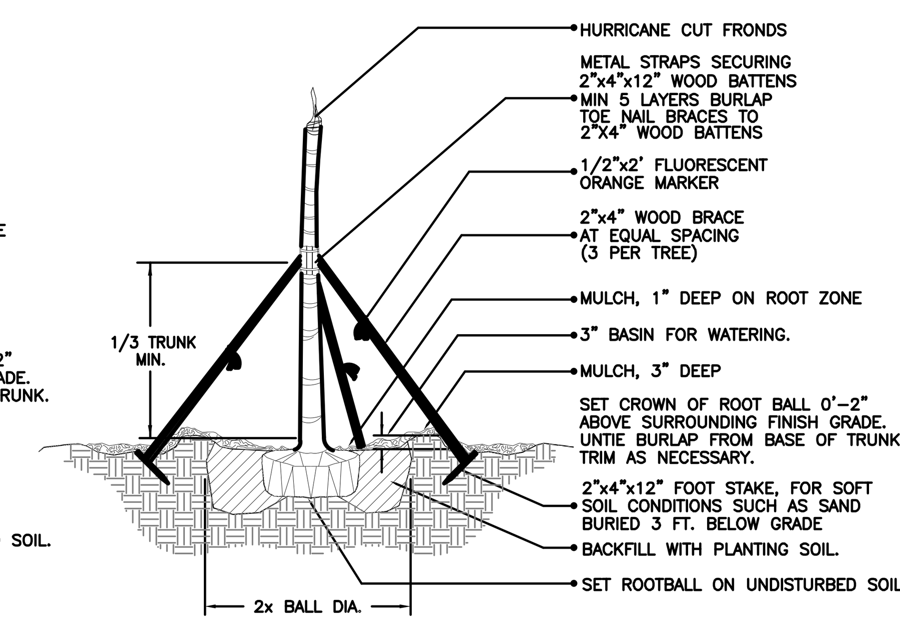
(Wholesale Prices Based on Betrock's Plant Finder, November 2022)
** Trees above and beyond minimum required sizes by Pompano Beach City Code shall be used towad tree mitigation costs. No specimen trees removed on site.*



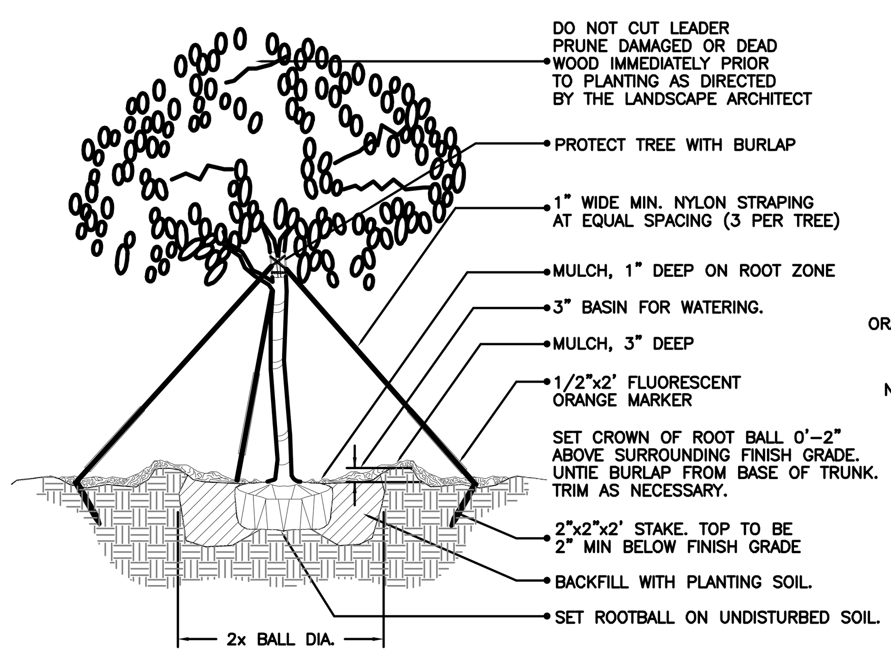
LARGE PALM PLANTING DETAIL
N.T.S.



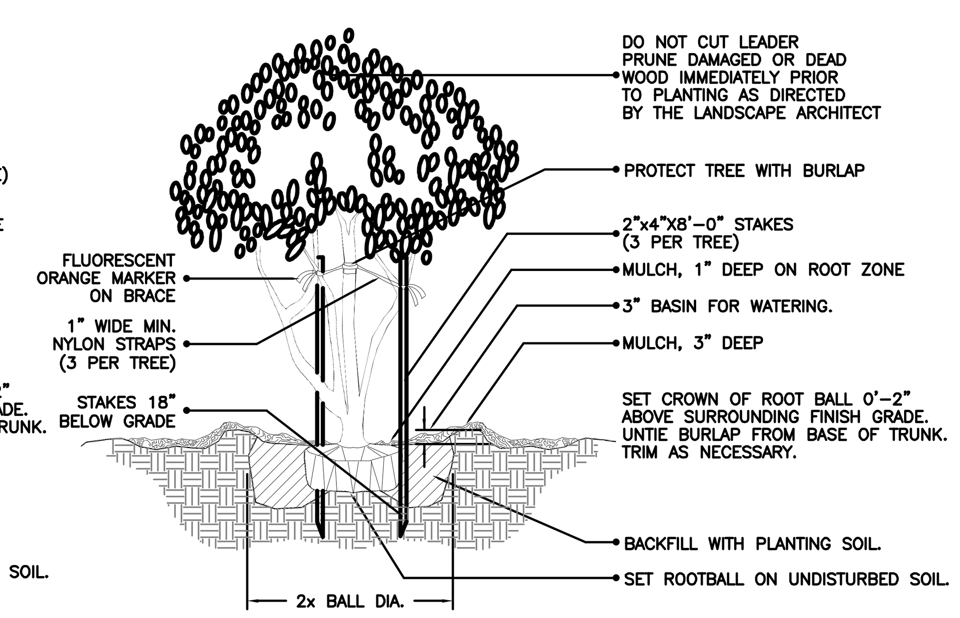
(2" cal. and under)
SMALL TREE PLANTING DETAIL
N.T.S.



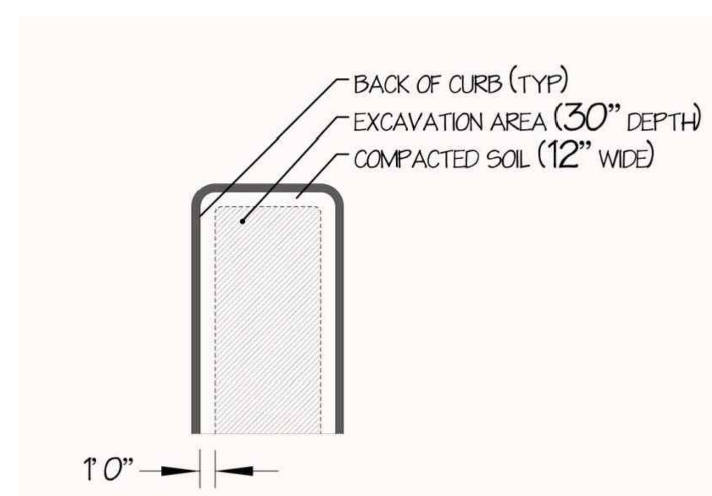
CIGARED SABAL
PALM PLANTING DETAIL
N.T.S.



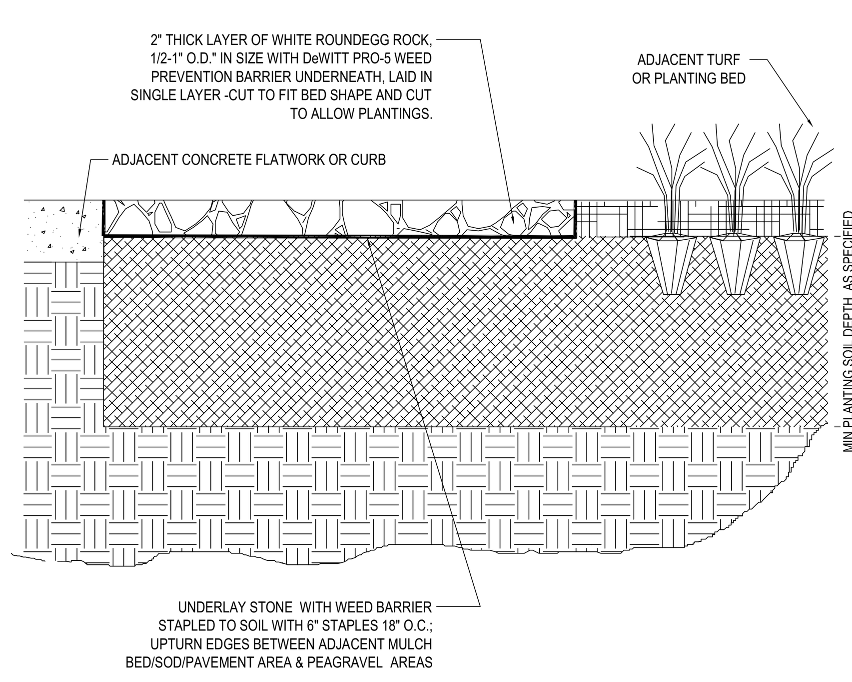
(2" cal. and over)
LARGE TREE PLANTING DETAIL
N.T.S.



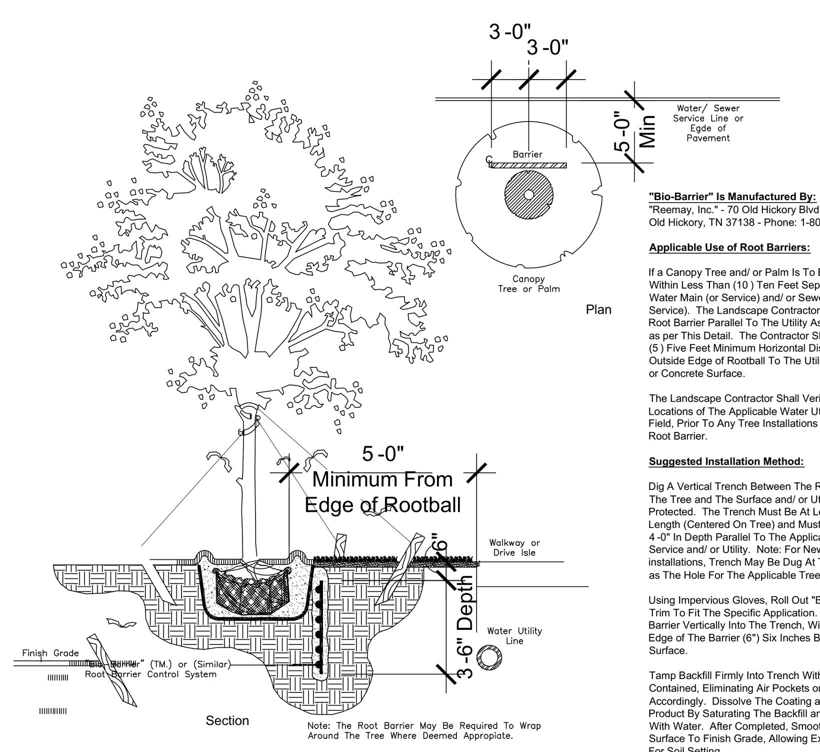
MULTI- TRUNK AND SMALL TREE
(2" cal. and under) PLANTING DETAIL
N.T.S.



SOIL EXCAVATION DETAIL



EGG ROCK INSTALLATION DETAIL
NTS



"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.

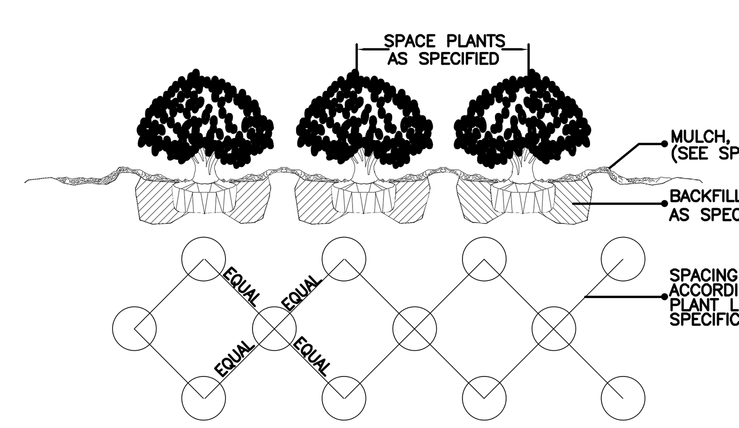
Using Impervious Gloves, Roll Out "Bio-Barrier" and Trim To Fit The Specific Application. Insert The Barrier Vertically Into The Trench, With The Top Edge of The Barrier (6") Six Inches Below The Soil Surface.

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.

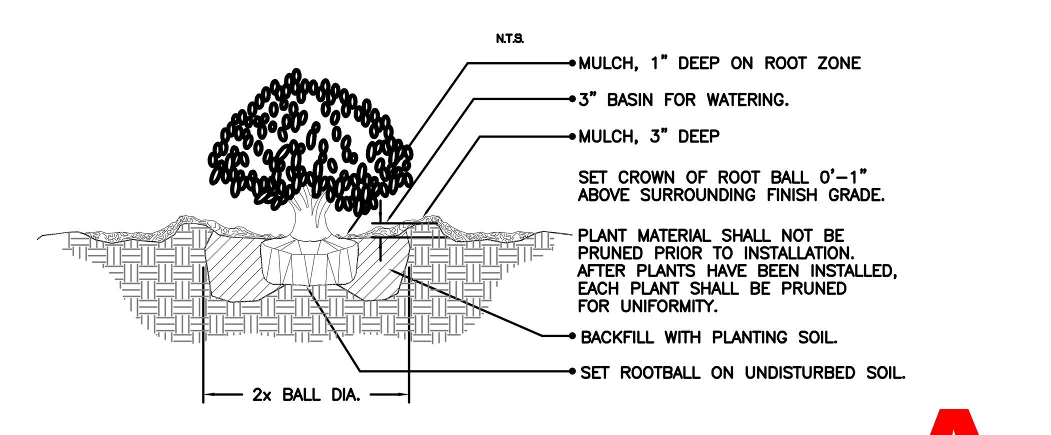
TYPICAL ROOT BARRIER APPLICATION DETAIL

Michael D Grosswirth

Digitally signed by Michael D Grosswirth
DN: c=US, o=THOMAS ENGINEERING GROUP LLC, ou=A01410C000001720E31831F 0000EFAC…=Michael D Grosswi…
Date: 20…3.01… 12:30:0… 05'00'



SHRUB / GROUNDCOVER
SPACING / PLANTING DETAIL
N.T.S.



SHRUB PLANTING DETAIL
N.T.S.

AAC
PZ22-12000011
03/07/2023

THOMAS ENGINEERING GROUP
CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
4950 W. KENNEDY BLVD. SUITE 600 TAMPA, FL 33609 P: 813-379-4100
125 W. INDIANTOWN RD. SUITE 206 JUPITER, FL 33458 P: 561-203-7503

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REVISIONS:

REV:	DATE:	COMMENT:	BY:
1	01/26/2023	DRC COMMENTS	MDG

Sunshine 811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

PROJECT No.: F220017
DRAWN BY: LD
CHECKED BY: MDG
DATE: 03/09/2022
CAD I.D.: F220017 LANDSCAPE

PROJECT:
ENTOURAGE IN THE SUN
407 RIVERSIDE DRIVE
FOR
IDEA ARCHITECT
POMPANO BEACH FLORIDA

THOMAS ENGINEERING GROUP
6300 NW 31ST AVENUE
FORT LAUDERDALE, FL 33309
PH: (954) 202-7000
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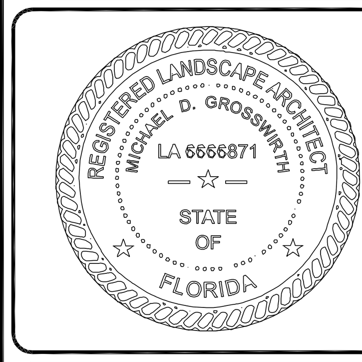

SHEET TITLE:
LANDSCAPE DETAILS & CODE COMPLIANCE

SHEET NUMBER:
L-2.3

AAC
PZ22-12000011
07/02/2024

Printed on Tuesday, January 31, 2023, 11:40 AM by Michael Grosswirth
G:\IDEA\2022\F220017 - 407 RIVERSIDE DR, POMPANO BEACH\DWG\SITE PLANS\2022-12-15\LANDSCAPE\F220017 LANDSCAPE---->LAYOUT: LANDSCAPE DETAILS & CODE COMPLIANCE