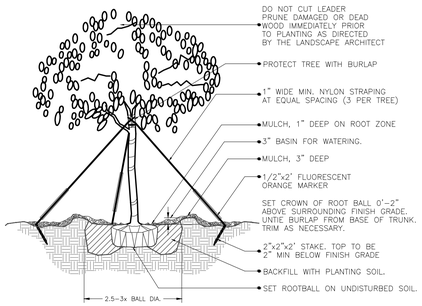
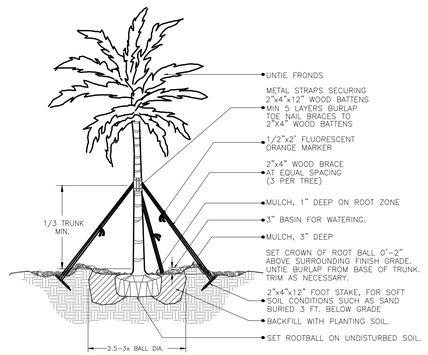
This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Green Earth Landscape Architecture shall be without liability to the same.

B.C.H.C.E.D REF. NO. 200617002

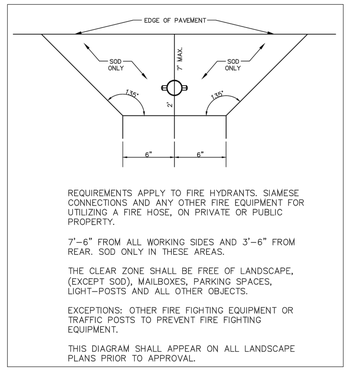
DRC
PZ22-12000027
12/03/2025



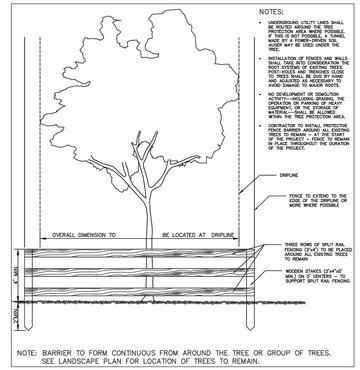
(2" cal. and over)
LARGE TREE PLANTING DETAIL
N.T.S.



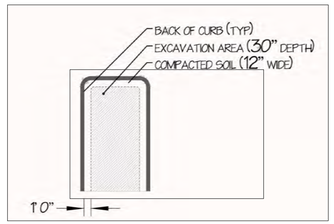
LARGE PALM PLANTING DETAIL
N.T.S.



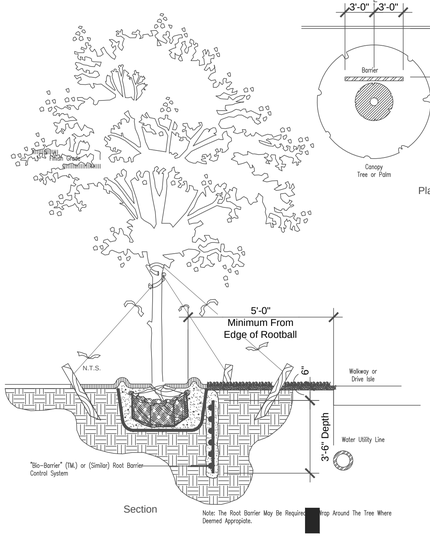
FIRE HYDRANT CLEARANCE
N.T.S.



TREE PROTECTION DETAIL
N.T.S.



SOIL EXCAVATION DETAIL
N.T.S.



"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.

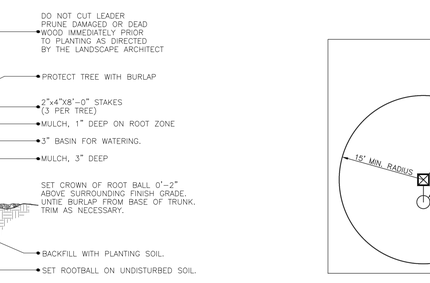
Suggested Installation Method:

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.

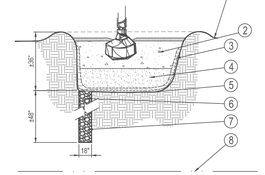
Using Impervious Gloves, Roll Out "Bio-Barrier" and Trim To Fit The Specific Application. Insert The Barrier Vertically Into The Trench, With The Top Edge of The Barrier (6") Six Inches Below The Soil Surface.

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 DETAIL
N.T.S.



CIGARED SABAL PALM PLANTING DETAIL
N.T.S.

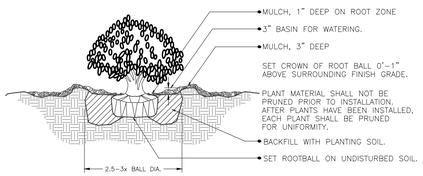


1. FINISH GRADE.
2. BACKFILL WITH PREPARED PLANTING SOIL MIX AS SPECIFIED.
3. FILTER CLOTH; MIRAFI 500X OR BETTER.
4. 12" CLEAN SAND, COMPACTED, ADJUST LAYER THICKNESS SO TOP OF ROOTBALL IS AT LEAST 1" ABOVE FINISHED GRADE.
5. SLOPE BOTTOM TO DRAIN.
6. ø18"Ø AUGURED HOLE PENETRATE THROUGH OCCLUDING LAYER TO WATER TABLE OR TO A DEPTH OF 7'-0 ASSURE PROPER PERCOLATION.
7. BACKFILL WITH 1/2"- 3/4"GRAVEL.
8. WATER TABLE (DEPTH VARIES).

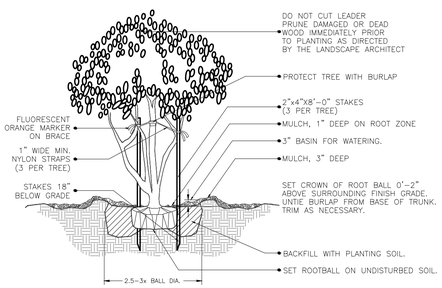
NOTE:
FOR A PARKING ISLAND PLANTING SITUATION, CONTRACTOR TO BACKFILL ENTIRE LENGTH OF PLANTING AREA TO WITHIN 6" OF BACK OF CURB OR EDGE OF PAVEMENT.
REFER TO NOTE 0.3 OF WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION.

POOR DRAINAGE DETAIL
N.T.S.

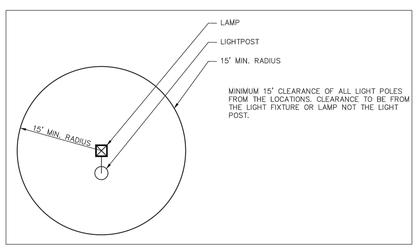
(2" cal. and under)
SMALL TREE PLANTING DETAIL
N.T.S.



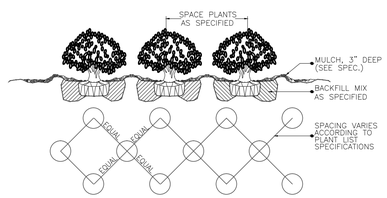
SHRUB PLANTING DETAIL
N.T.S.



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



MINIMUM TREE CLEARANCE FROM LIGHT FIXTURE DETAIL
N.T.S.



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

PERMIT SET
MUST BE ON JOBSITE AT ALL TIMES DURING CONSTRUCTION

NOTICE
INSPECTION REQUIRED

24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC R/W CONTACT THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION AT 954-577-4600 FOR INSPECTION.

NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION.

A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT OF WAY.

ALL MATERIALS USED AND INSTALLATIONS WITHIN THE PUBLIC RIGHT OF WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION SPECIFICATIONS.

BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION

PLAN CONSISTENT WITH PLAT REQUIREMENTS

PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

BELOW IS AN AUTHORIZED DIGITAL SIGNATURE AND SEAL OF THE PROFESSIONAL LISTED. BY WAY OF THIS SIGNATURE I ATTEST THAT THE DOCUMENTS HEREIN, IF UNDER A VERIFIED ELECTRONIC SEAL, WERE PREPARED, SIGNED AND AUTHORIZED FOR SUBMITTAL BY ME ON THE DATE OF SIGNING, WITH ALL AUTHORITY AND RIGHTS GRANTED TO ME BY THE STATE OF FLORIDA SS 481.303 PART II AND ASSOCIATED REFERENCES THEREIN.

William Dale Bryant

Digitally signed by William Dale Bryant
DN: cn=William Dale Bryant, o=Green Earth Landscape Architecture LLC, ou=LA6666943, email=dale.bryant@greenearthla.com, c=US
Date: 2025.10.23 13:16:01 -04'00'

GREEN EARTH
LANDSCAPE ARCHITECTURE
HOLLYWOOD, FLORIDA
PHONE: 954-638-9925
E-MAIL: dale.bryant@greenearthla.com

REVISIONS

No.	DATE	BY

PROJECT #		
25-111		
DATE	05.28.2025	
SCALE	AS SHOWN	
DESIGNED BY		WDB
DRAWN BY		WDB
CHECKED BY		WDB

RaceTrac.

RACETRAC PETROLEUM, INC.
SAMPLE ROAD & 27TH AVENUE
POMPANO BEACH, BROWARD COUNTY
FLORIDA 33069

LANDSCAPE DETAILS

SHEET NUMBER
L-201