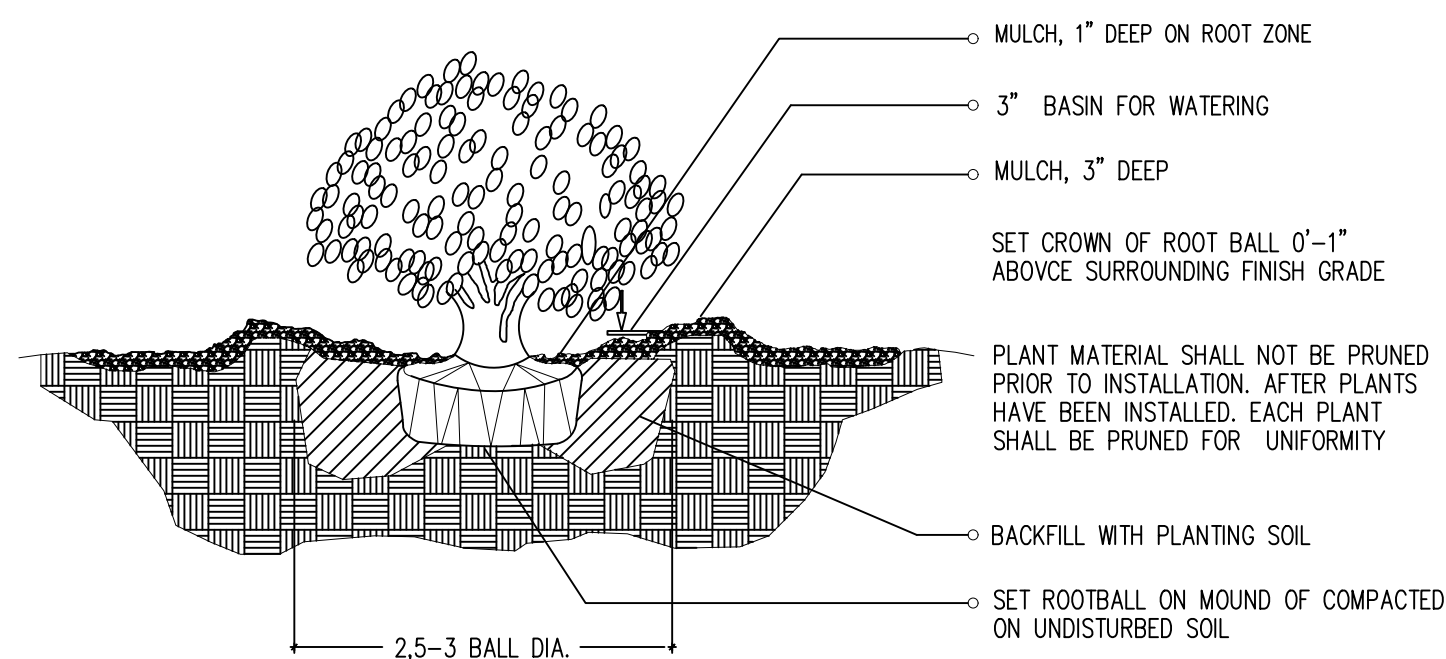
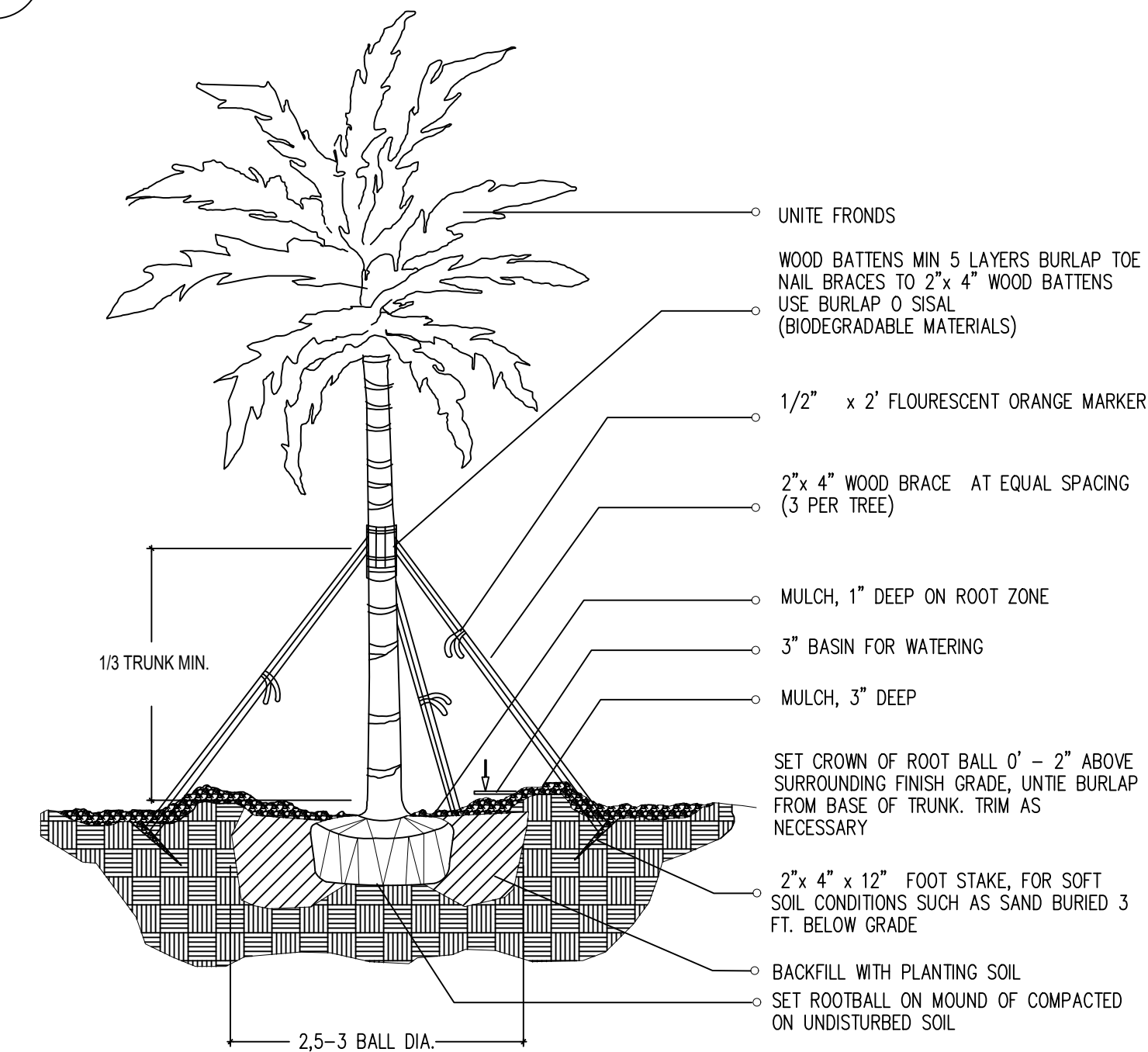
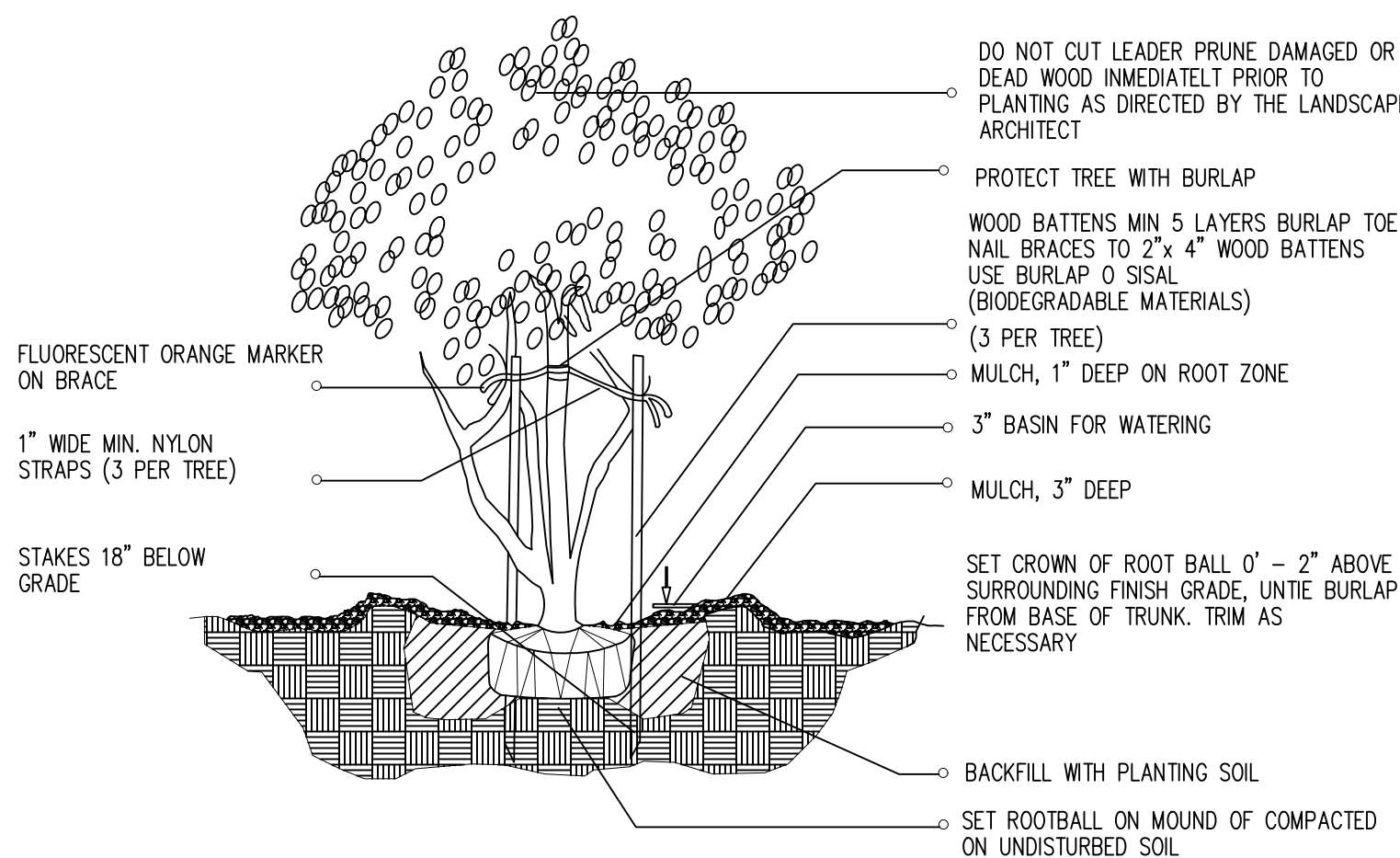




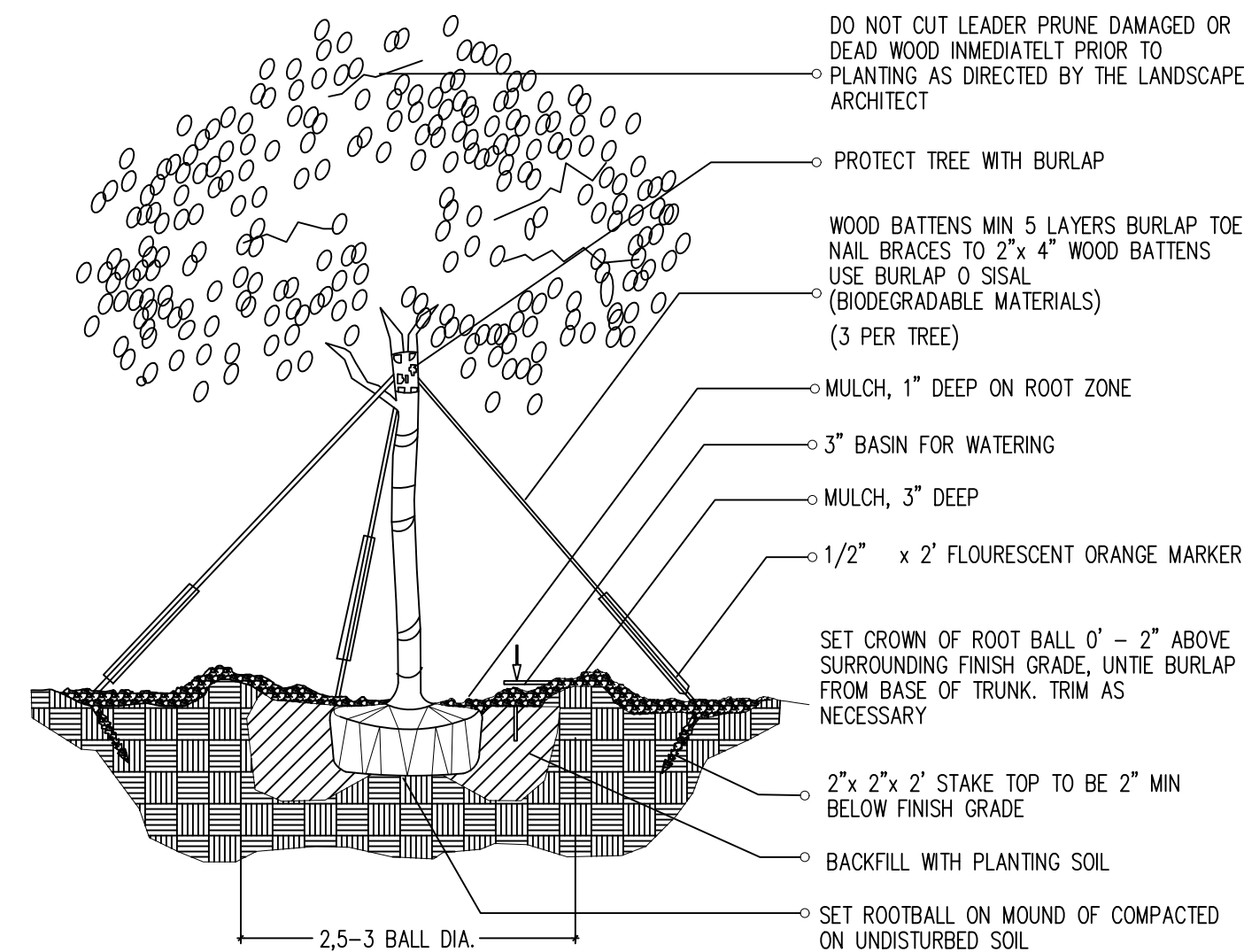
1-1 SHRUB / PLANTING DETAIL



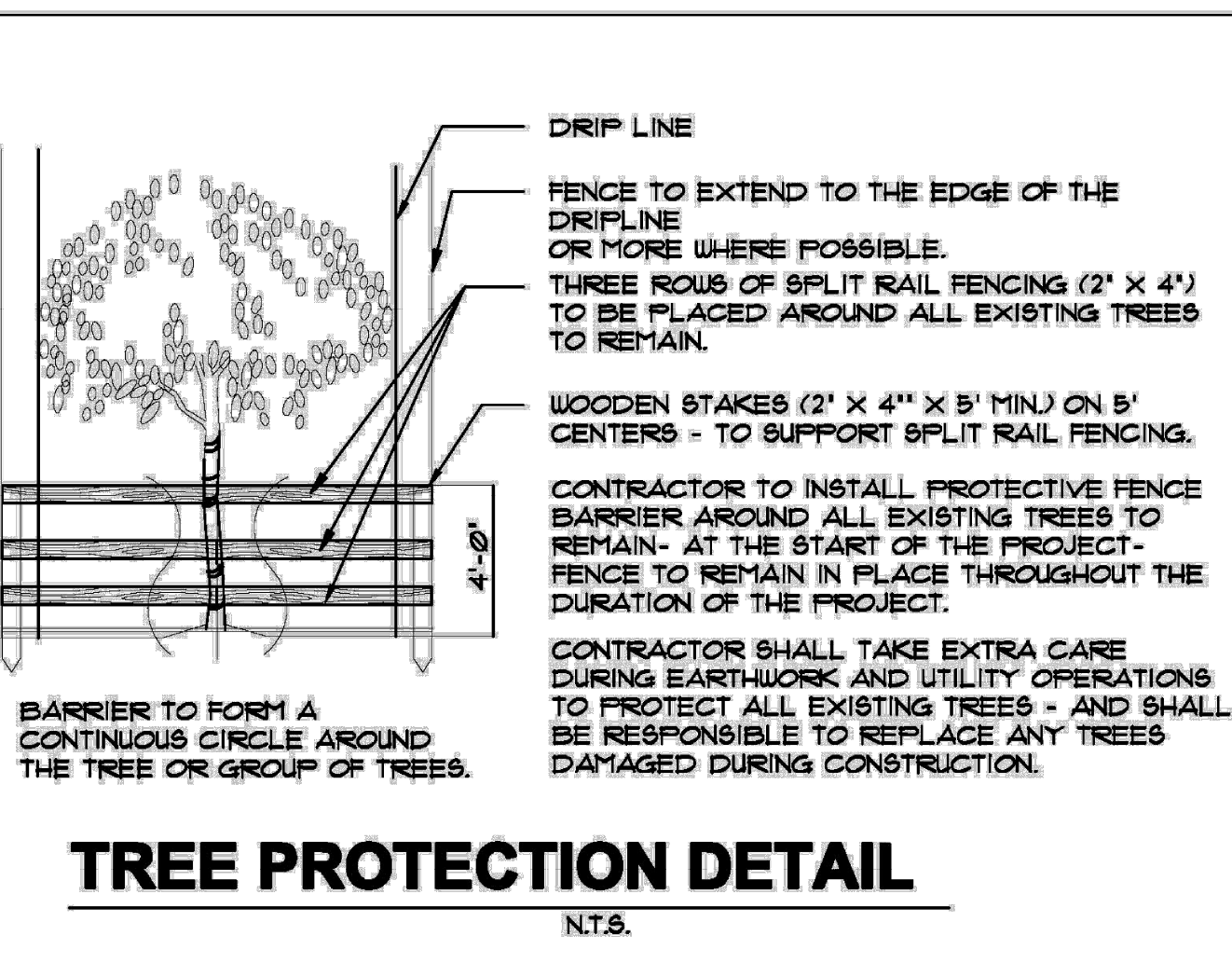
1-4 LARGE PALM / PLANTING DETAIL



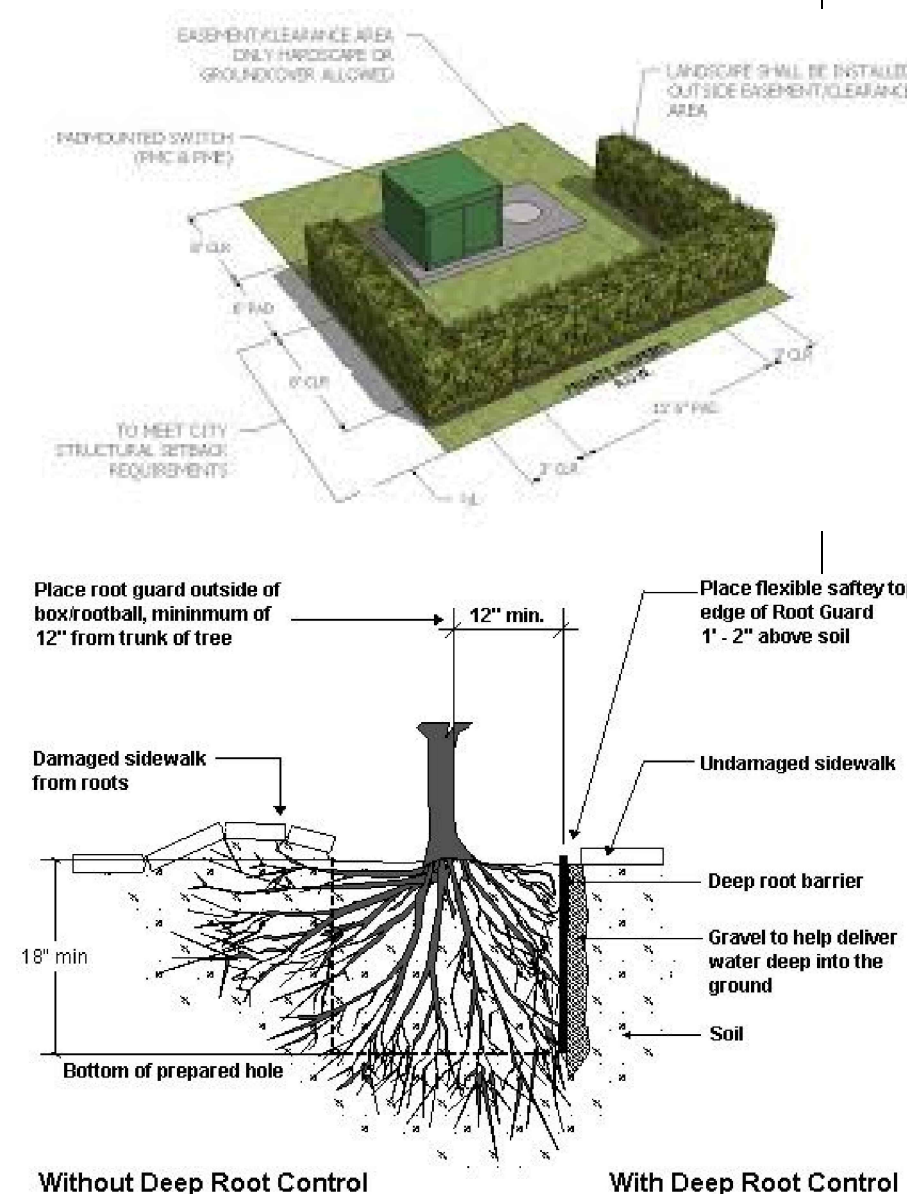
1-2 MULTI-TRUNK AND SMALL TREE (2' cal. and under) / PLANTING DETAIL



1-3 (2" cal. and over) LARGE TREE / PLANTING DETAIL

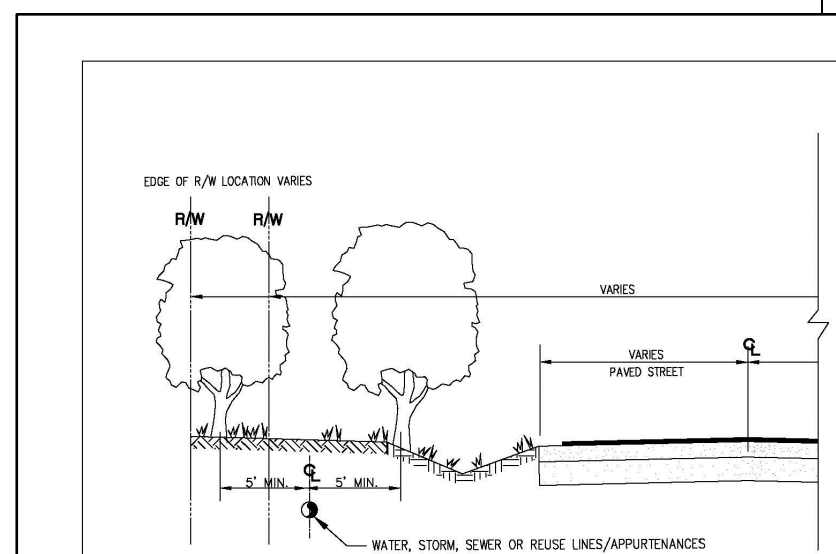


1-5 SHRUB / GROUND COVER SPACING PLANTING DETAIL



ROOT BARRIER SPECIFICATION:

Provide and install a heavy-duty, injection-molded rigid plastic root barrier (DeepRoot UB 24-2 or approved equal) with a minimum depth of 24' along all planting areas abutting hardscapes, sidewalks, curbs, and underground utilities. Installation must follow manufacturer specifications to prevent root encroachment and structural damage.



TREE LOCATIONS REQUIRED IN PUBLIC R/W ON UTILITY EASEMENTS

NOTES:
PLEASE NOTE THAT AS PER CITY ORDINANCES (S.D.2024) (4) AND 100.3002, STREET TREES SHALL NOT BE PLACED ON TOP OF OR 5' OF EITHER SIDE OF ANY CITY OWNED UTILITY INFRASTRUCTURE. ALSO, PLEASE NOTE THAT NO TREES SHROUBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 2' ZONE OF A CITY OWNED LATERAL, CLEANOUT OR WATER & OR REUSE METER.

ENGINEERING		STANDARDS	2025
REVISIONS	BY	DATE	ENGINEERING DIVISION
			CITY OF POMPAHO BEACH
			SCALE: N.T.S.
			REQUIRED TREE LOCATIONS
			DATE: MAY 2025
			316-1

LANDSCAPE NOTES

- Non Cypress variety mulch shall extend under all trees, shrubs and ground cover beds to the closest hard edge or sod border, in a minimum of 3" depth.
- All plants shall meet the minimum standard of Florida No. 1 or better as specified in Grade and Standards for Nursery Plants as published by the Division of Plant Industry, Florida Department of Agriculture, latest edition.
- All shrubs to be planted a minimum of 24" , and ground covers a minimum of 12" from the edge of walks, building walls, pond's edge, etc., larca Nara Grant and Raphiolepis indica to be planted 30" form edge of walkways.
- All trees and palms over 8" in height shall be braced to prevent lateral movement for a period of six months from the date of planting. Either wood braces or shown in the planting detail, or the wire and turnbuckle method shall be used. No nails, screws, metal straps or wires are to be used directly against the trees or palms trunks.
- All palms except for species such as Cocco, Acoelomorph, Raphis, and other multi-trunk palms, shall have straight trunks, free of scars, decay or oru damage caused by digging, transport or handling of the same.
- All work by the Landscape Contractor shall be performed in a professional and sound manner in accordance with established standards of landscape installation practices and workmanship.
- Landscape Contractor is responsible for verifying plant quantities prior to bidding. Quantities shown in the plans may vary due to actual site scale, job conditions, etc., Landscape Architect assumes no responsibility for the actual plant count necessary for the successful completion of the work.
- Landscape Contractor and his subcontractors shall be licensed and insured as required by the municipality, country, state or any other governmental agency requiring a license or insurance in order for the Landscape Contractor to perform his work.
- All work shall conform to City of Pompano Beach Pompano Beach Landscape Code 155.5203., and any other municipal landscape ordinance in effect at the projects location, including street-trees.
- Landscape Contractor is required to procure and obtain any necessary permits applicable for the successful completion of this project, if applicable.
- Landscape materials shall not be allowed to grow in such a manner as to impede streetfront hange of visibility to property owner or neighbors, so as to materially impede vision between a height of 3 feet and 8 feet.
- Landscape Contractor shall call Sunshine State One Call Center of Florida at 1-800-432-4770 (Toll Free) 48 hours before digging.
- Landscape Contractor is responsible for inspecting the site and physically observing all the site conditions prior to entering into Agreements or Contract with Owner. Landscape Contractor shall coordinate his work with the General Contractor of Construction Manager in such a manner as to allow for a speedy and orderly completion of all work on the site.
- Any excess soil, landscape materials and debris from the landscape Contractor's work shall be removed from the site immediately upon completion of his work.
- Landscape Contractor shall coordinate the proposed planting in the Planting Plan with the work required in relocating and removal of trees in sheet I-1 (Existing Trees).
- One year warranty
17. CONTAINERIZED TREE SPECIFICATION: If container-grown trees are utilized for this project, the outer periphery of the root ball shall be shaved (cut or sliced) at the time of planting to completely remove all circling, matted, or pot-bound roots. This procedure must comply with current industry Best Management Practices (BMPs) to ensure proper lateral root development and long-term structural stability.

TREE MAINTENANCE NOTE:

All tree work, including but not limited to pruning, trimming, relocation, or removal, shall be performed by a Broward County Licensed Tree Trimmer in strict accordance with Broward County Article IV, Chapter 27 (Tree Preservation Code) and ANSI A300 standards. A valid permit/license must be maintained on-site during all tree operations.

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Transect Zone:	RS-2	Lot Area	56,520	Acres	1.29
<u>OPEN SPACE</u>		REQUIRED		PROVIDED	
Square feet of required Open Space, as indicated on site plan: Lot Area = 56,520 s.f. x 50 % = 28,260 s.f.		28,260		48,525	
Square feet of parking lot open space required by Article 9, as indicated on site plan: Number of parking spaces _____ x 10 s.f. per parking space=					
Total square feet of landscaped open space required: A+B=		28,260		48,525	
<u>LAWN AREA CALCULATION</u>					
Square feet of landscaped open space required:		28,260		48,525	
Maximum lawn area (sod) permitted = 50 % x 48,525 s.f.		24,262.5		12,416	
<u>TREES</u>					
Number of trees required per net lot acre, less existing number of trees meeting minimum requirements = _____ trees x _____ net lot acres – number of existing trees =		30		30 (3 ex. trees)	
% Palms allowed: Number of trees provided x 50% =		14		17 (10 ex. palms)	
% Natives required: Number of trees provided x 50% =		14		26	
% Drought tolerant and low maintenance: Number of trees provided x 20% =		5		27	
Street Trees (maximum average spacing of 40' o.c.): _____ linear feet along street / 40' =		4		4 (3 ex. trees)	
% Palms permitted to count towards street trees on 1:1 basis x 30%:					
Street trees located directly beneath power lines: (maximum average spacing of 25' o.c.): _____ linear feet along street / 25' =					
<u>SHRUBS</u>					
Number of shrubs required: Number of trees provided =		523		1508	
% Native shrubs required: Number of shrubs provided x 50% =		754		1117	
% Drought tolerant and low maintenance required: Number of shrubs provided x 20%=		302		1117	

TREES & PLANTING TO BE PRESERVED NOTES

TREE AND PALM TRANSPLANTING NOTES:

- Certified arborist is to be hired to supervise and direct all phases of transplanting trees and palms.
- Trees to be relocated shall be root pruned a minimum of eight weeks prior to transplanting. Landscape Contractor shall maintain transplanted materials during construction period by watering, moving, spraying, fertilizing, and pruning.
- Landscape Contractor is responsible for verifying locations of all underground and overhead utilities and easements prior to commencing work. All utility companies and/or the General Contractor shall be notified to verify locations prior to digging. Utility trenching is to be coordinated with the Landscape prior to beginning of project. The Owner and Landscape Architect shall not be responsible for damage to utility or migration lines.
- The Landscape Contractor shall comply with all local and State codes and shall be responsible for obtaining all applicable permits.
- The Landscape Contractor shall regularly inspect the relocated materials to ensure compliance with standard horticultural practices.
- The Landscape Contractor is responsible for guaranteeing the transplanted trees and palms for a period of one year. At the time of the final inspection all transplanted trees and palms that are not health growing condition shall be replaced by the Landscape Contractor.
- Root Pruning and Transplanting Operations: The Landscape Contractor shall take all precautions to minimize shock of root pruning and transplanting in accordance with standard arboriculture procedures including:
 - The diameter of the root-pruning or transplanting circle shall be at a distance away from the trunk equal to 12 times each inch of trunk diameter at breast height.
 - All small roots shall be cleanly cut with a sharp spade, a clean saw or chainsaw depending on the size of the root.
 - Trees shall not be pruned or transplanting to compensate for root loss. Any trimming required shall be as per the International Society of Arboriculture Trimming Standards.
 - For all palms except Sabal palmetto, the lower fronds shall be pruned leaving 9-11 fronds that can be tied without an extensive amount of weight that may damage the heart of the palm. The Sabal palmetto shall have all fronds cut without damaging the bud.
 - After root pruning trees, backfill roots to original existing grade with existing soil free of any deleterious material to root growth.
 - Provide a minimum of 3" mulch over backfill area to prevent weed growth, conserve moisture and prevent evaporation. Keep mulch 6" away from the trunk.
 - Provide free protection as per Tree Protection Detail to ensure that the tree or root system is not damaged during the root-pruning period.
 - After root pruning, during root regeneration period trees shall be watered as per standard horticultural practices.
 - Immediately prior to transplanting tie the branches of the tree up to avoid damage.
 - The root ball shall be wrapped with burlap to protect the soil around the roots and protect the roots from drying out at time of moving from the hole.
 - Finish cutting of root ball for transplanting.
 - Transplanting must occur within 24 hours after being dug for relocation. Trees/Palms should be kept in shade and the canopy kept moist.
 - Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
 - The depth of the new hole shall be minimum equal to the depth of the root ball and the width shall be minimum equal to three times the width of the root ball. The Landscape Contractor is to verify that all new holes have appropriate percolation. Landscape Contractor is to report to the Landscape Architect if water percolation does not meet requirements for healthy plant growth.
 - Trees and palms shall be lifted from the ground with heavy equipment designed specifically for tree relocation so that the trunk and crown is not impacted and damaged by the equipment.
 - The slings used to lift the trees and heavy weight palms shall be non-binding nylon type slings that are wrapped around the root ball to support the weight of the tree or heavy palm. Slings shall not be solely wrapped around the trunk of the tree that can cause damage, girdling and result in decline and death of the tree.
 - The slings used to lift the lighter weight palms shall be non-binding nylon type slings that are wrapped around the trunk to support the weight of the palm. Padding the sling may be necessary so that the trunk or "boots" are not damaged.
 - Trees should be planted 2' max higher than their original planting level prior to relocation. Palms shall be planted at the same elevation prior to relocation. The tree and palm shall be centrally positioned in the planting hole and set straight, plumb or normal to the growth pattern prior to transplanting.
 - The trees and palms shall be backfilled with existing soil free of deleterious material to plant growth.
 - Trees and palms shall be deep root watered to eliminate air pockets in the backfill mix prior to mulching.
 - A 6" saucer shall be created around the edge of the plant pit to help hold water, see planting detail for additional information.
 - Provide a minimum of 3" layer of mulch over saucer and backfill area outside saucer to prevent the weed growth, conserve moisture, and prevent evaporation. Keep mulch 6" away from trunk.
 - Install tree and palm bracing as per attached details, to ensure stability of tree and palm during time period to and after transplanting, stake trees and palms after transplanting only is required to keep them stable.
 - Over the guarantee period the Landscape Contractor is responsible for resetting any trees/palms that are not vertical when caused by winds less than 75 MPH.
 - After transplanting trees and palms, the Landscape Contractor shall be responsible for obtaining water and watering to maintain soil moisture during the guarantee period at a minimum of:
 - First month - Daily, Second month - 3 times per week, Third and Fourth month - 2 times per week, Last Eight months - 1 time per week, for trees over 4' in caliper at the time of planting, the schedule should be: First 6 weeks - Daily, from 1.5 months to 6 months 3 times per week, Last 6 months - 1 time per week.