DRC
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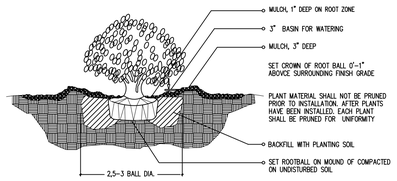
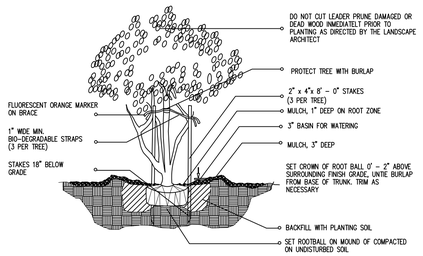
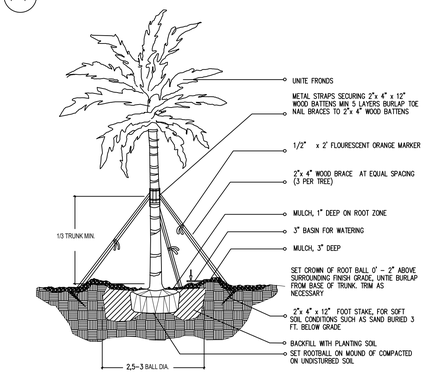
11/05/2025



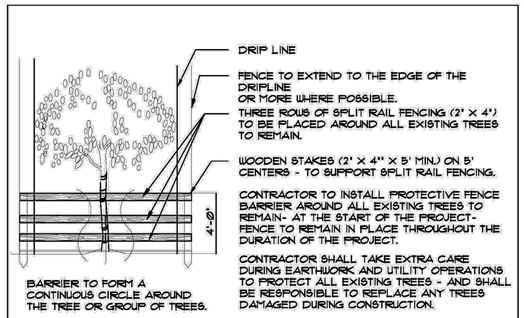
I-1 SHRUB / PLANTING DETAIL



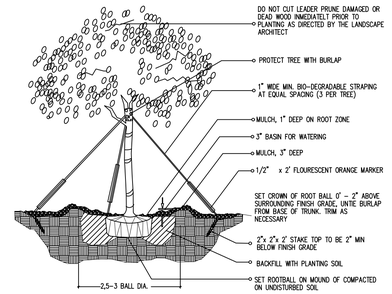
I-2 MULTI-TRUNK AND SMALL TREE (2' cal. and under) / PLANTING DETAIL



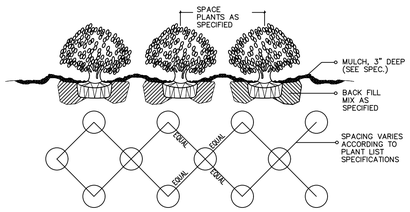
I-4 LARGE PALM / PLANTING DETAIL



TREE PROTECTION DETAIL
N.T.S.



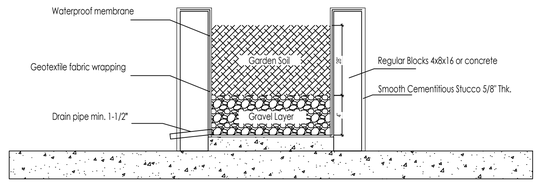
I-3 (2" cal. and over) LARGE TREE / PLANTING DETAIL



I-6 SHRUB / GROUNDCOVER SPACING PLANTING DETAIL

NOTES:

- All overhead utilities will be buried for this project as per 155.5509
- Pre Construction meeting with Urban Forestry is required before any work is performed onsite
- All road rock, concrete, asphalt and other non natural material be removed from all planting areas prior to landscape installation and be replaced with planting soil prior to landscape installation.
- All hedges abutting City Rights of way are maintained at a height no greater than 24". It is staffs recommendation that all trees VUA perimeter trees be 14' OA to create a largest CPTED clear line of sight from roadway.
- Landscaping materials other than sod are not allowed within (5') five feet of any portion of City-owned utilities within the public street right-of-way including meters, hydrants, service lines, etc.
- as per City Ordinance(s) 50.02(A) (4) and 100.35(E), street trees shall not be placed on top of or 5of either side of any City-owned utility infrastructure.
- No trees, shrubbery, or obstruction shall be placed within a 3 radius of a City-owned sewer lateral cleanout or water &/or reuse meter.
- Plant spacing shall supersede plant quantity to fill the bed.
- Foundation footers shall not be in conflict with required landscaping requirements and suspend pavement cell areas
- Egress pathway shall meet all requirements for nfpa 101 chap. 7 egress surface & lighting all the way to public row.



I-3 TYP. PLANTER SECTION

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Transect Zone: TO Lot Area 19,717 Acres 0.45

OPEN SPACE	REQUIRED/ ALLOWED	PROVIDED
A. Square feet of required Open Space, as indicated on site plan: Lot Area = 19707 s.f. x 50 % = 9854 s.f.	9854	7535
B. 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=		
C. Total square feet of landscaped open space required: A+B=	9854	7535
LAWN AREA CALCULATION		
A. Square feet of landscaped open space required:	9854	7535
B. Maximum lawn area (sod) permitted = 50 % x 7535 s.f.	3768	1850
TREES		
A. 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 =	7	7
B. % Palms allowed: Number of trees provided x 50% =	2	6 (4 ex.)
C. % Natives required: Number of trees provided x 50% =	2	3
D. % Drought tolerant and low maintenance: Number of trees provided x 20% =	1	3
E. Street Trees (maximum average spacing of 40' o.c.): 150 linear feet along street / 40 =	4	3
% Palms permitted to count towards street trees on 1:1 basis x 30%:		
F. Street trees located directly beneath power lines: (maximum average spacing of 25' o.c.): _____linear feet along street / 25 =		
SHRUBS		
A. Number of shrubs required: Number of trees required =	35	413
B. % Native shrubs required: Number of shrubs provided x 50% =	207	221
C. % Drought tolerant and low maintenance required: Number of shrubs provided x 20%=	83	405

LANDSCAPE NOTES

1. 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.
2. 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.
3. 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... Ixora Nora Grant and Raphiolepsis Indica to be planted 30'' form edge of walkways.
4. 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 as 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.
5. All palms except for species such as Cocos, Acoelorraphe, Raphis, and other multitrunk palms, shall have straight trunks, free of scars, decay or anu damage caused by digging, transport or planting handling of the same.
6. 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.
7. 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 sucessfull completion of the work.
8. Landscape Contractor and his subcontractors shall be licensed and insured as required by the municipality, country, state or any toher governmental agency requiring a license or insurance in order for the Landscape Contractor to perform his work.
9. 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 streets-trees.
10. Landscape Contractor is required to procure and obtain any necessary permits applicable for the sucesful completion of this project, if applicable.
11. Landscape material shall not be allowed to grow in such a manner as to impede streetfront triangle of visibility to property owner or neighboors, so as to materially impede vision between a height of 3 feet and 8 feet.
12. Landscape Contractor shall call Sunshine State One Call Center of Florida at 1-800-432-4770 (Toll Free) 48 hours before digging.
13. Landscape Contractor is responsible for inspectinh the site and phisically 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 allowed for a speedy and orderly completion of all work on the site.
14. 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.
15. Landscape Contractor shall coordinate the proposed planting in the Planting Plan with the work required in recolacting and removal of trees in sheet L-1 (Existing Trees).
16. One year warranty

Replacement Soil Specifications
Composition:
70/30 – 70% Topsoil 30% Compost
A well-draining mix with a balanced blend of sand, silt, and clay.
Organic matter content should be at least 3-5% to promote nutrient retention.

pH Level:
Maintain a pH between 6.0 and 7.5, suitable for most native and ornamental plants.

Nutrient Content:
Enriched with essential nutrients such as nitrogen, phosphorus, and potassium, either through organic amendments or slow-release fertilizers.

Contaminant-Free:
The soil must be free from contaminants, pests, and invasive species.

Compaction and Texture:
Loosely textured to facilitate root penetration and water movement.

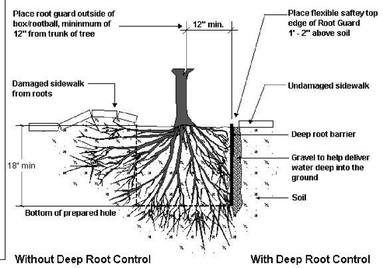
Source and Quality:
Use certified, high-quality soil from reputable suppliers to ensure consistency and compliance with local regulations.

TREES & PLANTING TO BE PRESERVED NOTES

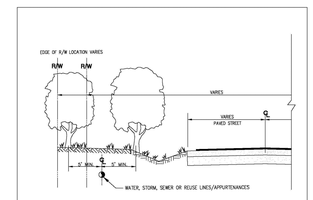
TREE AND PALM TRANSPLANTING NOTES:
1. Certified arborist is to be hired to supervise and direct all phases of transplanting trees and palms.
2. Trees to be relocated shall be root pruned a minimum of eight weeks prior to transplanting. Landscape Contractor shall maintain transplanted materials during construction period by watering, moving, sprayjng, fertilizing, and pruning.
3. 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 irrigation lines.
4. The Landscape Contractor shall comply with all local and State codes and shall be responsible for obtaining all applicable permits.
5. The Landscape Contractor shall regularly inspect the relocated materials to ensure compliance with standard horticultural practices
6. 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.
7. 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:
A. 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.
B. All small roots shall be cleanly cut with a sharp spade, a clean saw or chainsaw depending on the size of the root.
C. Trees shall not be pruned at transplanting to compensate for root loss. Any trimming required shall be as per the International Society of Arboriculture Trimming Standards.
D. 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.
E. After root pruning trees, backfill roots to original existing grade with existing soil free of any deleterious material to root growth.
F. 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.
G. Provide tree protection as per Tree Protection Detail to ensure that the tree or root system is not damaged during the root-pruning period.
H. After root pruning, during root regeneration period trees shall be watered as per standard horticultural practices.
I. Immediately prior to transplanting tie the branches of the tree up to avoid damage.
J. 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.
K. Finish cutting of root ball for transplanting.
L. Transplanting must occur within 24 hours after being dug for relocation. Trees/Palms should be kept in shade and the canopy kept moist.
M. Digging and preparation of the new hole for the transplant shall be done prior to removing the tree from the existing location.
N. 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.
O. 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.
P. The slings used to lift the trees and heavy weight palms shall be non-binding nylon type slings that are wrapped under the root ball to support the weight of 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.
Q. 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.
R. Tree shall 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.
S. The trees and palms shall be backfield with existing soil free of deleterious material to plant growth.
T. Trees and palms shall be deep root watered to eliminate air pockets in the backfill mix prior to mulching.
U. A 5" saucer shall be created around the edge of the plant pit to help hold water, see planting detail for additional information.
V. 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 the trunk.
W. 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.
X. 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.
Y. 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..

Root Barrier Specifications and Notes

1. **Root Barrier Type: Use DeepRoot HDPE (high-density polyethylene) root barrier panels, or approved equal, minimum 24 inches in depth.**
2. **Installation Locations: Root barriers shall be installed in all locations where tree or large shrub roots may impact adjacent: Hardscapes (e.g., sidewalks, driveways, patios, retaining walls) Structures (e.g., building foundations, fences) Utilities (e.g., water/sewer lines, irrigation systems, drainage infrastructure)**
3. **Installation Method: Root barrier panels must be installed vertically with top edge 1–2 inches above finished grade. Panels should form a continuous barrier with overlapping joints per manufacturer's specifications. For linear applications, root barrier should extend a minimum of 10 feet along the edge of the protected structure or utility.**



Without Deep Root Control **With Deep Root Control**



TREE LOCATIONS REQUIRED IN PUBLIC R/W ON UTILITY EASEMENTS

NOTES:
PLEASE NOTE THAT AS PER CITY ORDINANCE(S) 50.02(A) (4) AND 100.35(E), 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 SHRUBBERY OR OBSTRUCTION SHALL BE PLACED WITHIN A 3' RADIUS OF A CITY OWNED LATERAL CLEANOUT OR WATER & OR REUSE METER.

ENGINEERING STANDARDS 2025

REVISIONS BY	DATE	ENGINEERING DIVISION	REQUIRED TREE LOCATIONS
		CITY OF POMPANO BEACH	APPROVED BY: DATE: MAY 2022
		SCALE: N.T.S.	DWG. NO. 316-1

PARAMETRIKA LAND & DESIGN
Gabriela Albornoz
Valeria Quintanilla LA6667640

PARAMETRIKA Land & Design

324 NW 6th Street
324 NW 6th Street
Pompano Beach, Florida 33060

X REV #2 09/10/2025

SHEET TILE
Landscape details and notes

ISSUE DATE
01/04/2023

REVISION
Jan 2023

DESIGN
GA

DRAWN
TY

SCALE
N/A

SEAL
Digitally signed by Valeria A Quintanilla Florian
Date: 2025.09.29 19:52:40-04'00'
LA 6667640 STATE OF FLORIDA
VALERIA QUINTANILLA LA6667640

SHEET NUMBER
L-103