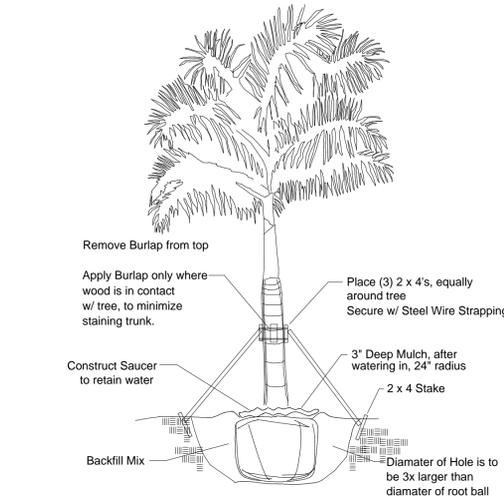
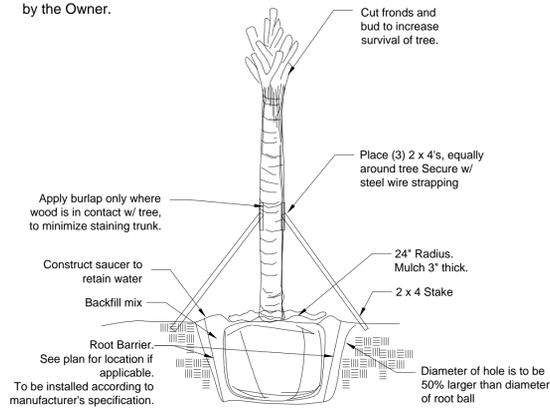




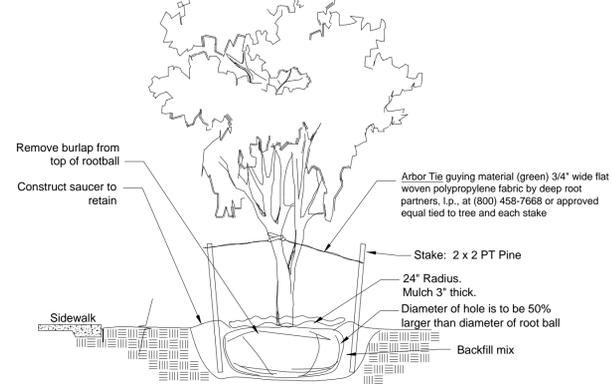
## Palm Planting Detail

Tree Stakes are to be removed between 6-12 months by the Owner. NTS



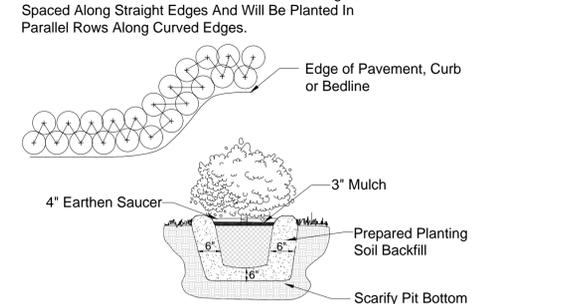
## Tree Planting Detail

Tree Stakes are to be removed between 6-12 months by the Owner. NTS

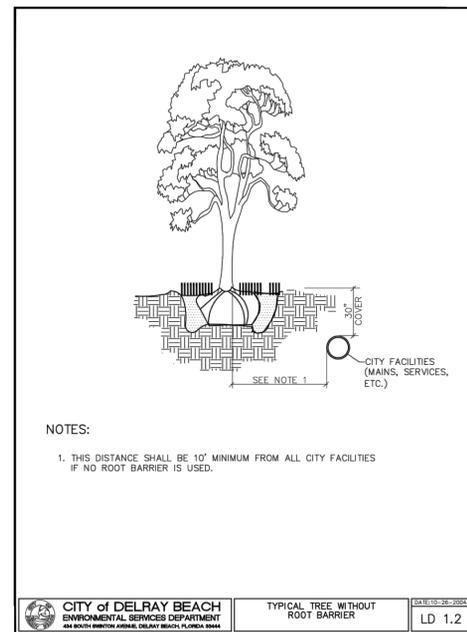
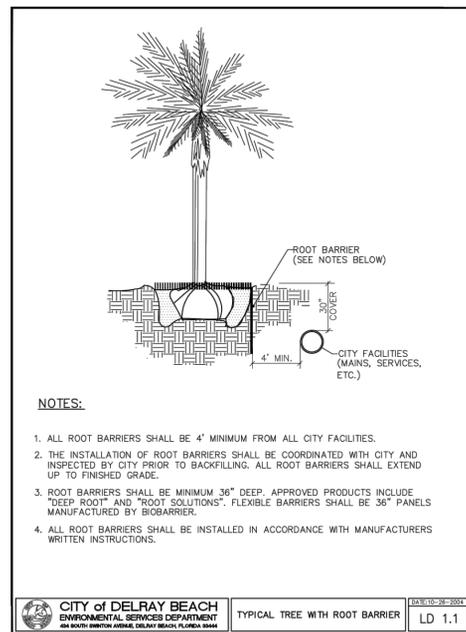


## Shrub & Groundcover Planting Detail

Note: All Shrubs And Groundcover Shall Be Triangular Spaced Along Straight Edges And Will Be Planted In Parallel Rows Along Curved Edges. NTS



## City of Delray Beach Standard Details: LD1.1 & LD 1.2"



## Planting Specifications

**QUALITY:** All plants shall be Florida No.1 or better as given in Grades & Standards for Nursery Plants, Parts I and II, latest edition published by the Florida Department of Consumer Services.

**RESEARCH:** Contractor shall research plans and site to determine present location of utilities and obstructions before commencing work. Contractor shall ensure that before he commences work that all necessary permits have been obtained.

The contractor shall personally examine the project site and fully acquaint himself with all of the existing conditions in order that no misunderstanding may occur.

No Additional compensation will be granted, after bid has been let for any hardships the contractor may encounter in the performance of his duty. Any discrepancies or errors not addressed at the time of bid.

**DRAWINGS:** Drawings are part of this contract. Any discrepancies between the drawings and specifications shall be brought to the attention of the owner at time of bid.

**SCOPE:** Under this contract, the work consists of furnishing all labor, material, equipment, transportation, etc., to complete all landscaping work as shown on the Drawings, as included in the Plant List and as herein specified. Work shall include all construction and maintenance/watering of all planting areas of this Contract until accepted by the Owner.

The contractor shall be responsible for all planting/ maintenance of plants until acceptance by Owner. Contractor shall protect all existing structure, plants etc., from damage during the construction process.

All damage shall be repaired at the contractors expense

**WARRANTY:** All trees shall be warranted for a period of 1 year. All shrubs and groundcovers shall be warranted for a period of 90 days, and sod shall be warranted for a period of 30 days. Warranty begins at time of acceptance. All warranties shall be provided to the owner.

**REPLACEMENT:** All plant replacements shall be done with the same size and species of plant that was specified.

**SAMPLES:** Samples of any landscape material may be required for approval on the site or as otherwise determined by the Owner. Upon approval of samples (i.e. mulch, planting soil, plant varieties, etc.) by the Owner, delivery of material may begin. Approved samples shall be stored on the site and protected until furnishing of materials is completed. Plant samples be planted in permanent positions, but labeled as samples.

**SUBSTITUTIONS:** Any substitutions made for any reason must be approved by the owner.

**WATER:** It is the contractors responsibility to obtain and adequately water the plants during the duration of the installation phase. All plants shall be freshly dug, healthy and be well branched, free form disease and insects.

**CONTAINER GROWN MATERIAL:** All container grown materials shall be healthy vigorous, well rooted plants, and established in the container so that the root mass will retain its shape and hold together when removed from the container.

**PALMS:** Only a minimum number of fronds shall be removed from the crown of palm trees to facilitate moving and handling. Cabbage palm heads shall be tied with a burlap strip per the following procedure: The first (inside) row of fronds, contiguous to bud shall be removed. The next 3-4 rows shall be tied to bud for support. The remaining (lower) fronds shall be removed. Tied fronds and bud tip shall not be clipped. Burlap strip shall be left in place until the tree is well established.

**PALMS:** Clear trunk (c.t.) shall be measured from the ground at time of installation to the point where the mature aged trunk joins the immature green portion of the tree. Caliper shall be measured at breast height. Overall height (OA) shall be measured from the ground at the time of installation to a point one-quarter the length of the unopened bud below the bud tip.

**SHADE TREES:** Height shall be measured from the ground to the avg. height of canopy. Spread shall be measured to the average outer edge. Single trunk trees shall be free from low-crotches.

**SHRUBS:** Height shall be measured from the ground to the average point where mature plant growth stops. Spread shall be measured to the end of branching equally across the shrub mass. Measurements are not to include any terminal growth.

**SOD:** Sod shall be measured on the basis of square footage. Contractor shall be responsible for coverage of the square footage shown on the plans.

**SOD:** Time delivery so that sod will be placed within 24 hours after.

**MULCH:** Apply 3" Non-cypress mulch to all planting areas. Keep mulch from piling up along the base of the tree and shrubs. Mulch to be measured after compaction.

**FINE GRADING**

The landscape contractor shall be responsible for fine grading of the site. This means that the site shall be brought within 1" of final grade so that the landscape contractor will be able to perform final grading. All landscape areas, sod areas, are to be fine graded.

LANDSCAPE NOTES: (CITY NOTES SHALL APPEAR ON ALL PLANS)

ALL PLANT MATERIAL SHALL BE FLORIDA #1 GRADE OR BETTER.

MULCH SHALL BE APPLIED TO A MINIMUM DEPTH OF THREE (3) INCHES IN ALL PLANTING BEDS.

ALL PROHIBITED PLANT SPECIES SHALL BE ERADICATED FROM THE SITE.

ALL LANDSCAPE AREAS SHALL BE PROVIDED WITH AN IRRIGATION SYSTEM, AUTOMATICALLY OPERATED, TO PROVIDE COMPLETE COVERAGE TO ALL PLANT MATERIALS AND GRASS TO BE MAINTAINED..

SOD AND IRRIGATION SHALL BE PROVIDED WITHIN THE UNPAVED PORTION OF THE RIGHT-OF-WAY ADJACENT TO THE PROPERTY LINE.

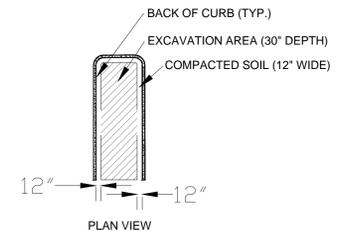
REINFORCED CONCRETE CURBING AT LEAST SIX (6) INCHES IN HEIGHT SHALL BE PROVIDED AROUND ALL LANDSCAPE ISLANDS AND AS A SEPARATOR BETWEEN ALL LANDSCAPED AREAS THAT ARE ADJACENT TO VEHICULAR USE AREAS UNLESS SUCH CURBING WILL INTERFERE WITH THE DRAINAGE.

THREE (3) PALMS ARE EQUIVALENT TO ONE (1) SHADE TREE.

SHRUBS ARE REQUIRED ALONG FOUNDATION VISIBLE TO STREET (where applicable) PLUS ALL EQUIPMENT, A/C, P/E, ETC. SHALL BE SCREENED FROM VIEW.

## STRUCTURAL SOILS

The use of structural soil is required in paved sites to provide adequate soil volumes do for the tree roots under pavement. This is to be provided at a minimum of 8' radii off tree trunks.



EXISTING NATIVE SOIL WITHIN ALL LANDSCAPE AREAS ADJACENT TO VUA SHALL BE EXCAVATED DOWN TO DEPTH OF 30" BELOW EX GRADE, EXCEPT FOR A 12" BUFFER FROM INSIDE OF CURB OR PAVEMENT.

All Plants shall be Florida No.1 or better  
Contractor Shall be familiar w/ the Landscape code and shall comply with all of its applicable requirements. Contractor shall verify all quantities indicated at time of bid. Contractor shall provide unit prices at time of bid. All contractors working on the project shall be licensed and fully insured as required. Tree and palm staking shall be removed between 6 and 12 months after planting.

**PLANT LAYOUT:** All bed areas shall have planting laid out prior to planting. The Landscape Architect shall review all layout prior to planting. If the bed and shrub layout is not inspected prior to planting, the Landscape Architect reserves the right to relocate the plants.

**SOIL:** Planting beds shall contain good soil, complete with organic sand mix. There shall be no construction debris, rock larger than 1" within bed areas. Soil shall be dark grey-brown in organic color and shall have good drainage characteristics. Soil within planting beds shall not be compacted. All compacted sub-base/ shell is to be removed from all landscape areas.  
BACKFILL/SOIL MIX ANNUALS  
50% decomposed organic matter (muck) 100% Potting Soil  
50% existing soil  
pH: 5.5 - 7.0

**FERTILIZER:** Two fertilizers shall be used in all types of plantings except palms. Granular fertilizer shall be uniform in composition, dry and free flowing. This fertilizer shall be 6-6-6 Nitrogen-Phosphorous-Potassium. Tablet Fertilizer (Agriform or equal) in 21 gr size, shall meet the following requirements: 20% Nitrogen, 10% Phosphorous, 10% Potassium. The two fertilizers will be applied at the following rates:

1. PLANT SIZE	6-6-6 "AGRIFORM" TABLET (21 GRAM)
1 gal.	1/4 lb. 1
3 gal.	1/3 lb. 2
7-15 gal.	1/2 lb. 4
1"-6" caliper	2 lbs./1" cal. 2/1" caliper
6" and larger	3 lbs./1" cal. 2/1" caliper

2. Magnesium sulfate or "Palm Special" will be applied to all palms at installation at a rate of 1/2 lb. per inch of trunk caliper.

**PRUNING:** Each plant shall be pruned to complement the natural character of the tree. All dead and brown fronds, leaves, branches shall be removed.

**TREE GUYING AND BRACING:** Firmly stake or guy all trees in accordance with the plans and planting details immediately after planting to prevent wind damage.

**WEED CONTROL:** All landscape areas shall be free of nut grass, torpedo grass, and other noxious weeds.

**PLANT MAINTENANCE:** Contractor shall maintain all plants until final acceptance by owner.

**CLEAN-UP:** Contractor shall clean site area every day. The site shall be devoid of all rubbish, landscape debris, containers.

## IRRIGATION NOTE:

An automatic properly functioning underground irrigation system with a rain sensing cutoff device shall be designed and installed in compliance with the South Florida Building Code and city Building Code requirements. The rain sensing cutoff device shall be located and installed in such a manner that the building eaves, balconies and similar overhangs do not interfere with the operation of the device. The irrigation system shall be properly maintained in good working order and provide a minimum coverage of 100% with 100% overlap.

Per LDR 4.6.16(F) : Complete Irrigation Design Plans shall be provided at time of Building Permit Applications.



All invasive exotic plants must be removed from the property. The site shall be maintained "exotic free" in perpetuity.

REVISION	DATE
1 drc comments	11/14/19

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LbenderLarch@gmail.com  
FL-LA6666715

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e info@zyscovich.com  
w www.zyscovich.com

PIERRE DELRAY PHASE 2 - SPRAB SITE PLAN PACKAGE  
(aka New MXU Building)  
SW corner of Atlantic Ave. & SE 3rd Ave.  
City of Delray Beach, Florida  
LANDSCAPE DETAILS & SPECIFICATIONS



PROJECT NO. 19-014	CADD I.D. ATLANTIC SITE 2
DRAWN BY: LMB	CHECKED BY: LMB
SCALE: 1" = 20'-0"	DATE: JULY 29, 2019
SHEET:	

**LP2**  
OF 2 SHEETS

EXISTING TREE DISPOSITION CHART											
TREE #	BOTANICAL NAME	COMMON NAME	HT (FT)	SPR (FT)	DBH (IN)	TREE DBH (IN) REMOVED	CONDITION / % RATING	DISPOSITION	IN-LIEU FEE (based on escalating scale per dbh)	MITIGATION VALUE FOR REMOVED *	NOTES
1	Sabal palmetto	CABBAGE PALM	18	10	16		GOOD / 6	RELOCATE			10' WOOD
2	Sabal palmetto	CABBAGE PALM	16	10	15		GOOD / 6	RELOCATE			8' WOOD
3	Sabal palmetto	CABBAGE PALM	7	8	11		GOOD / 6	REMOVE	n/a		YOUNG, VOLUNTEER, < 4' WOOD
4	Quercus virginiana	LIVE OAK	18	20	8	8	POOR / 2	REMOVE	\$3600.00	\$1800.00	VOLUNTEER, DOUBLE TRUNK, OFF-SITE
5	Quercus virginiana	LIVE OAK	16	20	10	10	POOR / 2	REMOVE	\$4900.00	provided on-site with proposed dbh inches	VOLUNTEER, DOUBLE @ BASE, OFF-SITE
6	Quercus virginiana	LIVE OAK	14	12	6	6	POOR / 4	REMOVE	\$2700.00	\$1350.00	VOLUNTEER, MULTI, OFF-SITE
7	Quercus virginiana	LIVE OAK	16	20	8	8	POOR / 2	REMOVE	\$3600.00	\$1800.00	TRUNK DAMAGE
8	Quercus virginiana	LIVE OAK			12		POOR / 2	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
9	Tabebuia aurea	YELLOW TAB			14		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
10	Quercus virginiana	LIVE OAK			10		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
11	Quercus virginiana	LIVE OAK			10		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
12	Quercus virginiana	LIVE OAK			8		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
13	Quercus virginiana	LIVE OAK			10		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
14	Quercus virginiana	LIVE OAK			14		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
15	Quercus virginiana	LIVE OAK			14		DEAD	-	N/A		OFF-SITE: DEAD
16	Quercus virginiana	LIVE OAK			12		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
17	Quercus virginiana	LIVE OAK			8		POOR / 4	REMAIN	N/A		OFF-SITE LEASED PARCEL: provide tree protection during construction
18	Quercus virginiana	LIVE OAK	22	32	12	12	POOR / 4	REMOVE	\$6200.00	\$3100.00	
19	Quercus virginiana	LIVE OAK	22	30	14	14	POOR / 4	REMOVE	\$7900.00	\$3950.00	CO-DOMINANT SPLIT
20	Quercus virginiana	LIVE OAK	28	30	18	18	POOR / 4	REMOVE	\$11300.00	provided on-site with proposed dbh inches	
21	Bucida buceras	BLACK OLIVE	35	35	16	16	POOR / 4	REMOVE	\$9600.00	provided on-site with proposed dbh inches	CO-DOMINANT, INCLUDED
21a	Sabal palmetto	CABBAGE PALM	16	10	16		GOOD / 8	RELOCATE			VOLUNTEER, BOOTED, 8' WOOD
22	Quercus virginiana	LIVE OAK	28	15	8	8	POOR / 4	REMOVE	\$3600.00	\$1800.00	1/2 CANOPY
23	Sabal palmetto	CABBAGE PALM	24	10	14		FAIR / 6	RELOCATE			
24	Sabal palmetto	CABBAGE PALM	20	10	10		FAIR / 6	RELOCATE			
25	Sabal palmetto	CABBAGE PALM	26	10	12		GOOD / 8	RELOCATE			
26	Quercus virginiana	LIVE OAK	26	24	14	14	POOR / 4	REMOVE	\$7900.00	\$3950.00	1/2 CANOPY
27	Cocos nucifera	COCONUT PALM	36	12	8		FAIR	REMAIN			provide tree protection during construction
28	Cocos nucifera	COCONUT PALM	28	15	12		FAIR	REMAIN			provide tree protection during construction
29	Cocos nucifera	COCONUT PALM	34	10	8		FAIR	REMAIN			provide tree protection during construction
30	Cocos nucifera	COCONUT PALM	30	10	8		FAIR	REMAIN			provide tree protection during construction
						114 inches removed			\$17750.00	Total removed value to mitigate for via in-lieu fee *	

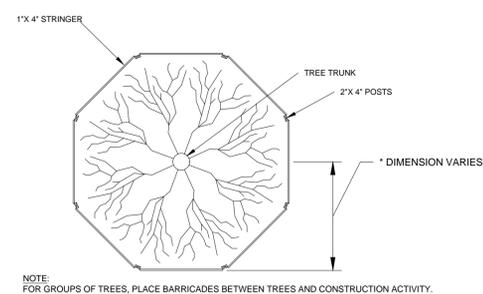
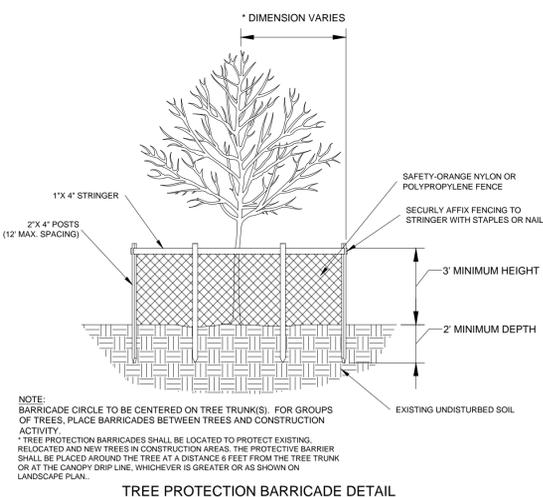
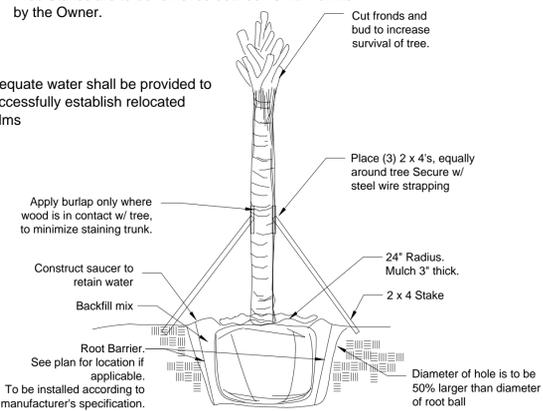
\* Condition % Ratings are based on the Arborist Report prepared by Mark Lange of Green Spaces Consulting, Inc. For trees with a condition rating between 25% and 50%, the in-lieu fee shall be calculated at 50% of the above escalating scale

(6) Sabal palm to be relocate to south property line of leased lot (Valued @ \$200 per palm) 45 dbh inches provided for back on-site with new replacement trees. Refer to Sheets LP1 & LP2 for proposed tree caliper inches. The remainder removed inches not met on-site with new tree plantings shall be mitigated for by the 'in-lieu of fee' deposited into the tree trust fund. (estimated @ \$17,750.00 as depicted above). Final mitigation value to be determined by City Urban Forester.

### Cabbage Palm Planting Detail

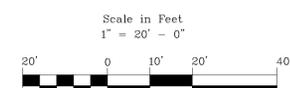
Tree Stakes are to be removed between 6-12 months by the Owner. NTS

adequate water shall be provided to successfully establish relocated palms



All invasive exotic plants must be removed from the property. The site shall be maintained "exotic free" in perpetuity.

NOTE: A Licensed tree trimmer or Certified Arborist shall submit a Tree/Scrub/Vegetation Removal application, at the time of Building Permit Application.



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REVISION	DATE
1 drc comments	11/14/19

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PIERRE DELRAY PHASE 2 - SPRAB SITE PLAN PACKAGE  
(aka New MXU Building)  
SW corner of Atlantic Ave. & SE 3rd Ave.  
City of Delray Beach, Florida  
**EXISTING TREE DISPOSITION PLAN**



PROJECT NO. 19-014	CADD I.D. ATLANTIC SITE 2
DRAWN BY: LMB	CHECKED BY: LMB
SCALE: 1" = 20'-0"	DATE: JULY 29, 2019
SHEET:	

**TDP1**  
OF 1 SHEETS